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CIMdata News

Driving Connected Data and Process Management with Autodesk Vault PLM – a CIMdata Commentary

4 June 2024

Supported by Autodesk Vault and Autodesk Fusion Manager

Key Takeaways

- The value of data management and connected processes cannot be understated. The more connected an organization's people, processes, and data are, the more competitive they will be.
- The quality of data is fundamental to training accurate and robust artificial intelligence (AI) models that will facilitate the discovery of meaningful patterns, insights, and correlation, enabling more informed decision-making.
- Many companies are wary of deploying large-scale complex PLM solutions due to high costs, large numbers of resources required, lengthy deployments, and disruptions to their business, instead preferring more flexible solutions, which are easier, faster, and less expensive to deploy.
- Autodesk Vault PLM combines Vault Professional with Fusion Manage to provide enterprise-wide collaboration across the product lifecycle—from engineering and supply chain to quality and manufacturing.

Introduction

In today's rapidly evolving manufacturing landscape, many companies are challenged with disconnected data management and process challenges. Organizations often rely on outdated, disconnected legacy systems, home grown bespoke solutions, and an assortment of network drives and spreadsheets to manage their design data. This fragmented approach leads to manual error-prone workarounds with groups working in isolation. At CIMdata, we often see these divides between engineering disciplines such as mechanical, electrical, embedded electronics, and software. The lack of cohesive data management also hampers collaboration across other functional areas such as manufacturing, quality, procurement, the supply chain, service, and sales.[\[1\]](#)

These data silos and disconnected processes result in operational inefficiencies that drive up the costs of designing, manufacturing, and servicing products. Data should be a valuable resource, but in these environments, has instead become a burden to the organization. People are unable to find up-to-date data in a timely fashion and are forced to perform manual and redundant tasks, resulting in delays, poor allocation of resources, and an overall lack of productivity. To overcome these disconnects, employees must resort to a heavy use of emails, non-value-added manual handoffs, extra meetings, and duplicate data entry, which leads to many inefficiencies, delaying time-to-market, degrading quality, raising costs to do business,

and potentially impacting current and future customers. Moreover, the inability to connect the right data with the right people can impact compliance and lead to potential legal and financial risk.

Effective change management suffers when data is siloed and systems are not connected, resulting in downstream errors that are more time-consuming and costly to rectify. Organizations face difficulty identifying root causes of recurring quality issues, leading to persistent defects and rework, scrap, and warranty issues. When quality management processes are disconnected from product design, additional defects and a high cost of poor quality are inevitable. Supplier collaboration also becomes inefficient, further exacerbating these challenges. The lack of real-time visibility into data hampers decision-making, as organizations struggle to gain useful insights and make informed, data-driven decisions. This inability to respond agilely to rapidly changing business and technological landscapes puts organizations at a disadvantage when opportunities or existential threats arise.

The increasing complexity of smart, connected products amplifies the need for connected data management practices. Organizations must manage more electronics and embedded software, adding to the volume and complexity of data. Customers now demand more “optionality,” a trend towards more personalized products with features tailored to their specific needs. Without connected data management processes, meeting these customer demands becomes nearly impossible, leading to customer dissatisfaction. To leverage future technologies such as digital twins and artificial intelligence, strong data management practices are essential.

Many companies in the short-term overcome their inefficiencies by throwing more people at the problem. However, not every company has that luxury and as products get more complex and the amount of data increases, it is not a sustainable solution. Eventually, it is no longer feasible nor economically viable to manage this growing complexity by solely increasing headcount or implementing more point solutions.

Driving Connected Closed-Loop Data Management

When additional resources and workarounds no longer suffice, an organization suffering from poor data management and sub-optimal processes will ultimately realize they have reached an inflexion point, beyond which the lack of a modern connected product lifecycle management (PLM) strategy will become a major constraint on future growth.

The obstacles in their path—fragmented data, isolated teams, and disconnected workflows—highlight the need to continually digitally transform how they work from a people, process, and technology point of view. In CIMdata’s view, recognizing these challenges is the first step toward preparing an organization for positive change. This strategy is not only relevant for those optimizing a multi-disciplined engineering team but can be even more valuable to the extended enterprise across all functions that touch the product lifecycle in a flexible, connected closed loop.

Cloud-based PLM can be used to manage and share data across functions and processes. This fundamentally changes how operations are conducted and value is delivered. Teams gain access to the latest accurate data at the right time, enabling them to collaborate. When this

happens, data silos are dismantled and improved workflows lead to efficiencies, enhanced data management, and streamlined processes. This typically results in better business outcomes such as reducing time on non-value-added tasks, improving quality, bringing products to market faster, and improving a company's resilience and agility to respond to market threats and opportunities.

When companies do decide to deploy PLM, or in many cases re-deploy PLM because the legacy solution did not keep pace with the organization's needs nor have the ability to integrate with other business systems. Another concern is the risk associated with a large-scale deployment, which typically includes extensive migrations of data and massive training needs. This will be accompanied by large budgets, many resources required, lengthy deployment schedules, and disruptions to business. While this may be necessary given the circumstances, some organizations prefer more flexible solutions, which are easier, faster, and less expensive to deploy.

Autodesk Data and Process Management Capabilities

Autodesk provides solutions that help customers connect their people, processes, and data. This commentary focuses on Autodesk Vault and Autodesk Fusion Manage.

Autodesk Vault Professional for Product Data Management

Autodesk Vault is Product Data Management (PDM) software designed to help organizations efficiently manage their design and engineering data. By enhancing collaboration and providing control over product development processes, Autodesk Vault ensures that engineering teams can work more effectively and productively. The software seamlessly allows multiple users to access and collaborate on projects in real-time. This is particularly beneficial for distributed teams, ensuring that everyone has access to the most up-to-date design and engineering data.

One of the key strengths of Autodesk Vault is its deep integration with various Autodesk design tools, including Inventor, AutoCAD, Revit, Moldflow, and 3DS Max. These integrations facilitate smooth data flow and interoperability between different software, making it easier for design teams to manage their projects. Configuration management features, such as check-in and check-out, ensure that teams can access the latest versions and revisions of files, enabling concurrent design efforts across multiple teams. Autodesk Vault maintains a comprehensive history of all changes, allowing users to restore previous versions and perform side-by-side comparisons, which is invaluable for quality control and troubleshooting.

Autodesk Vault also excels in supporting engineering change management processes. This ensures that all stakeholders are promptly informed of changes, facilitating a smooth change management process across teams. The software's capabilities extend to release management, where it tracks the status of work from in-process to review, release, and obsolescence stages. Moreover, Autodesk Vault creates and maintains both an engineering Bill of Materials (eBOM) and a manufacturing Bill of Materials (mBOM), preserving the relationships between items and allowing users to traverse these relationships.

Vault Professional connects teams with multisite, multi-CAD collaboration, while Vault PLM combines these features with additional PLM capabilities offered by Autodesk Fusion Manage.

Autodesk Fusion Manage for Product Lifecycle Management

Autodesk Fusion Manage is a cloud-based PLM solution that extends beyond the PDM capabilities of Autodesk Vault. It connects people, processes, and data across the extended enterprise. While Autodesk Vault excels in managing design and engineering data, Fusion Manage offers a comprehensive suite of capabilities designed to connect the entire product lifecycle. The main advantage of using Autodesk Vault in conjunction with Autodesk Fusion Manage lies in their integration, which enables organizations to implement connected, closed-loop processes. This integration enhances efficiency and coordination across various stages of the product development lifecycle, from initial design to final delivery.

Autodesk Fusion Manage is hosted on Amazon Web Services (AWS), which ensures robust performance, scalability, and security. Fusion Manage is easily configured to suit a company's specific data and workflow processes. It is also based on open restful APIs, which allows extensive integrations with other systems such as multi-CAD including CAD, CAM, CAE, and PCB systems, as well as Enterprise Resource Planning (ERP), and Customer Relationship Management (CRM) platforms. This flexibility ensures that Fusion Manage can fit seamlessly into existing IT infrastructures, enhancing connectivity and data flow across different departments.

Autodesk Fusion Manage supports applications for the extended enterprise such as supply chain management, quality management, new product introduction and others. It facilitates supply chain collaboration by managing Approved Manufacturer Lists (AML), automated supplier reviews, and providing real-time status updates on parts availability. This level of visibility and coordination helps organizations optimize their supply chain operations.

Quality management is a notable example of where Autodesk Fusion Manage stands out. It supports a range of quality processes, including Corrective and Preventive Actions (CAPA), Failure Modes and Effects Analysis (FMEA), Supplier Corrective Action Requests (SCAR), Return Material Authorizations (RMA), and compliance traceability. Many companies are looking to connect their quality process with their change management PLM processes to improve their cost of quality. By creating a closed-loop between quality management and design, Fusion Manage ensures that quality issues are promptly addressed and integrated back into the design process, leading to continuous improvement and higher quality products. CIMdata is impressed with the quality management capabilities in Autodesk Fusion Manage. The platform also supports New Product Introduction (NPI) processes with phase-gate milestone tracking, color-coded GANTT charts, real-time status updates, and task notifications, enabling better project management and timely product launches.

Autodesk Vault PLM Brings it all Together

Integrating Autodesk Vault with Autodesk Fusion Manage supports more comprehensive closed-loop processes within the product lifecycle. Data managed in Autodesk Vault, particularly from Autodesk Inventor, flows seamlessly into Autodesk Fusion Manage, ensuring continuity and coherence in data management and process control. The integration with Autodesk Vault through its open API ensures a seamless transition from PDM to PLM, allowing

organizations to leverage their existing data and workflows while expanding their capabilities to cover the entire product lifecycle.

Autodesk Vault PLM combines Vault Professional with Fusion Manage to provide enterprise-wide collaboration across the product lifecycle—from engineering and supply chain to quality and manufacturing. Autodesk Vault PLM can adapt to the changing needs of an organization, enabling it to start with one PLM process at a time and scale up by adding more users and processes as needed.

Conclusion

Connecting the enterprise with strong data management processes is essential to thrive in today's fast-paced, data-driven world. The value of data management and connected processes cannot be understated. The more connected a company is with strong product data, the more competitive they will be with better collaboration, more streamlined and efficient processes, improved quality, more informed decision-making, greater customer satisfaction, and resulting in better top and bottom-line results. As artificial intelligence impacts the way product data is used, the quality of data becomes critical. The quality of the data is fundamental to training accurate and robust artificial intelligence (AI) models that will facilitate the discovery of meaningful patterns, insights, and correlation, enabling more informed decision-making.

Autodesk Vault PLM provides an intuitive SaaS Cloud solution that enables companies to connect product design and manufacturing. Its Quality Management workspace provides connected product development with closed-loop quality management. In addition to improving the cost of quality, CIMdata believes this can drive greater visibility across the extended enterprise and more awareness to the importance of quality. Autodesk Vault PLM's cloud-based solution built on open APIs connects business systems that can connect data, people, and processes with the flexibility to adapt to changing business needs. CIMdata finds Autodesk Vault PLM to be quite configurable and is impressed with its level of functionality, flexibility, and ease of use. CIMdata encourages companies looking for flexible data management and the ability to connect their organization's product development processes to consider evaluating Autodesk Vault PLM.

[1] Research for this paper was partially supported by Autodesk.

From aerospace to appliances, how PLM is tackling costly data issues

6 June 2024

CIMdata's Peter Bilello published a new article on [engineering.com](https://www.engineering.com) on June 6, 2024. His article recaps the CIMdata PLM Roadmap North America Event and discusses how PLM can help manufacturers manage the vast amounts of data generated. Peter says, "This year's event was a deep dive into product data and information and how they can be better managed. Presenters zeroed in on one of PLM's biggest existing challenges—how it plays a critical part in an organization's digital transformation."

Read the full article here: <https://www.engineering.com/story/from-aerospace-to-appliances-how-plm-is-tackling-costly-data-issues>

Acquisitions

Accenture Completes Acquisition of Data Consultancy Parsionate

6 June 2024

Accenture has completed the acquisition of Parsionate, a data consultancy specialized in data products and modern data foundation services, ranging from data strategy development to technology implementation.

Parsionate is known for its ability to translate between data architectures and business context. With deep industry-specific capabilities in the retail and industrial sector, as well as in the consumer goods and life sciences industries, the acquisition of Parsionate will strengthen Accenture's data and artificial intelligence (AI) capabilities in Europe and enhance the company's ability to deliver innovative, data-driven solutions to clients in these markets.

The acquisition of Parsionate, previously announced on May 2, 2024 adds 130 professionals, from data consultants and architects to engineers to Accenture Technology's Data & AI group. Parsionate's founders, Thomas Sperrfechter and Michael Fieg, will lead the data architecture and management portfolio within the group in Germany, Austria and Switzerland.

Parsionate's holistic data expertise, from strategy development to technology implementation, will enhance Accenture's ability to provide clients with highly tailored and effective data-driven solutions that will help them harness the transformative power of generative AI.

Bechtle consolidates capabilities in Belgium

3 June 2024

On 1 June 2024, Bechtle merged Bechtle Group BE Public, Bechtle direct NV and Bechtle NV into Bechtle NV. This marks a new beginning for a future-proof IT service provider with more than 100 employees that will support B2G and B2B customers in their digital transformation with a portfolio of products, solutions and services.

With a revenue of almost 300 million euros, Bechtle is one of the leading IT service providers in Belgium. The new company, Bechtle NV, will bring technical and sales expertise under one roof to provide customers with bespoke IT solutions. With locations in Brussels and Pelt in the province of Limburg, the organisation has an end-to-end offering for modern workplace client solutions as well as data centre storage and server solutions, among other things.

Extensive public sector know-how

In Belgium, Bechtle has significant experience in the B2G market, notably through its business with the various EU bodies. The IT provider has been a reliable partner to the European Commission for more than a decade and has concluded several long-term framework agreements with other EU institutions.

“The decision to restructure is laying the foundation for continued success. With it, we are pooling the knowledge of our experts to facilitate collaboration and create further synergies. I’m convinced that we will make an even greater contribution to the success of our customers in future,” says Gozard Polak, Managing Director Bechtle NV, adding: “This merger will also give us greater visibility among our customers, our important, long-standing partners and on the labour market. After all, a highly skilled team is crucial for our future.”

August 2025 will mark Bechtle Belgium’s 25th anniversary. In addition to the locations in Brussels and Pelt, Bechtle is represented on the Belgian market by PLM specialists Cadmes in Merelbeke near Ghent and Gosselies near Charleroi. In the future, Bechtle intends to further its reach into its established European markets through a stronger focus on acquisitions.

Cadence Completes Acquisition of BETA CAE

3 June 2024

Cadence Design Systems, Inc. announced it has completed its previously announced acquisition of BETA CAE Systems International AG, a leading provider of multi-domain, engineering simulation solutions. BETA CAE accelerates Cadence’s Intelligent System Design™ strategy by expanding its multiphysics system analysis suite with highly complementary products, enabling Cadence to offer a more comprehensive portfolio to its customers. BETA CAE has a very strong footprint in the automotive vertical sector and at leading companies in the aerospace, industrial and healthcare industries.

BETA CAE has annual revenue of about \$90 million, and Cadence continues to expect BETA CAE to contribute about \$40 million to its 2024 revenue. Cadence still expects the transaction to be approximately 12 cents dilutive to its 2024 earnings per share and become accretive in 2025, both on a non-GAAP basis.

CPQ Finland Oy Acquires 1Solution Hub's Pricing Consulting Business

28 May 2024

CPQ Finland Oy, a leading provider of Configure, Price, Quote (CPQ) software solutions in Finland, is thrilled to announce the acquisition of the pricing consulting business from 1 Solution Hub. This strategic acquisition marks a significant milestone in CPQ Finland Oy’s mission to enhance its portfolio and deliver comprehensive pricing solutions to its clients.

Expanding Capabilities and Expertise

The acquisition will enable CPQ Finland Oy to integrate 1 Solution Hub's extensive expertise in pricing strategy and optimization into its existing offerings. Clients will benefit from a one-stop-shop possibility of innovative PLM and CPQ solutions and advanced Price Management, providing a holistic approach to managing and optimizing pricing strategies across various industries.

Leadership Remarks

"We are excited to welcome the 1 Solution Hub's pricing consulting team to the CPQ Finland community," said Veli-Matti Myllymäki, CEO of CPQ Finland Oy. "This acquisition aligns

perfectly with our growth strategy and commitment to providing our clients with the best tools and insights to drive revenue and profitability. The synergy between our CPQ technology from Swedish Tacton Systems AB and the state-of-the-art price management technology from German Pricefx AG represented by 1 Solution Hub will deliver unparalleled value to our customers."

Atte Roine, Managing Director of 1 Solution Hub Oy and CPQ Finland partner, states, "CPQ Finland already has a wide customer base in Finland and Europe. Now, CPQ Finland will benefit from a more accurate and real-time product price management solution with existing customer solutions."

Strategic Integration

The integration of 1 Solution Hub's pricing consulting services and Pricefx Price Management SaaS solution will be managed by a dedicated team to ensure a smooth transition for all clients. Existing clients of 1 Solution Hub can expect continued excellence in service and support, now enhanced by the robust technological and consulting capabilities of CPQ Finland Oy.

Honeywell Completes Acquisition Of Carrier's Global Access Solutions Business And Updates 2024 Outlook

3 June 2024

Honeywell announced the completion of its acquisition of Carrier Global Corporation's Global Access Solutions business for \$4.95 billion. The deal positions Honeywell as a leading provider of security solutions for the digital age with opportunities for accelerated innovation in the fast-growing, cloud-based services and solutions space. This transaction also strengthens Honeywell's alignment of its portfolio around three compelling megatrends, including automation, and complements Honeywell's Building Automation segment.

The acquisition brings differentiated software capabilities through the addition of three respected brands to Honeywell's portfolio: LenelS2, a leader in commercial and enterprise access solutions; Onity, which offers electronic locks, specifically hospitality access and mobile credentials; and Supra, which specializes in cloud-based electronic lockboxes and scheduling software. Global Access Solutions' approximately 1,200 employees are now part of Honeywell. The transaction is expected to be adjusted earnings per share¹ accretive in the first full year of ownership.

Global Access Solutions enhances Honeywell's Building Automation business model of leading with high-value products that are critical for buildings. Honeywell will also benefit from the business's attractive growth and margin profile, valuable software content, and accretive mix of recurring revenue, with forecasted annual sales in excess of \$1 billion when combined with Honeywell's existing security portfolio.

"As the world's security needs evolve from a focus on protecting people to protecting both people and critical assets, we see strong growth prospects for our Access Solutions acquisition," said Vimal Kapur, Chief Executive Officer of Honeywell. "By building on our strong track record of delivering high-value building automation products, solutions, and services globally, this

acquisition creates an exciting opportunity for us to achieve faster growth and further margin expansion, while generating better outcomes for our Building Automation customers."

Company Updates 2024 Outlook, Changes Non-GAAP Reporting Metrics

Beginning in the second quarter, Honeywell will exclude the impact of amortization expense for acquisition-related intangible assets and other acquisition-related costs⁴, including the related tax effects, from segment profit¹ and adjusted earnings per share¹. The company believes this change provides investors with a more meaningful measure of its performance period to period, aligns the measure to how management will evaluate performance internally, and makes it easier for investors to compare our performance to peers. Honeywell plans to provide historical non-GAAP financials under this new basis to facilitate comparability when the company reports its second quarter results in July 2024.

As a result of the acquisition closing, Honeywell has updated its full-year sales, segment margin², and adjusted earnings per share^{2,3} guidance (under the amended calculation). Full-year sales are now expected to be \$38.5 billion to \$39.3 billion, including organic¹ sales growth of 4% to 6%. Segment margin² is expected to be in the range of 23.8% to 24.1%, with segment margin expansion² of 30 to 60 basis points. Adjusted earnings per share^{2,3} is expected to be in the range of \$10.15 to \$10.45. Operating cash flow is expected to be in the range of \$6.7 billion to \$7.1 billion, with free cash flow¹ of \$5.6 billion to \$6.0 billion. A summary of the changes to the company's full-year guidance can be found in Table 1.

Honeywell also updated its second-quarter sales, segment margin², and adjusted earnings per share^{2,3} guidance. Second-quarter sales are expected to be \$9.3 billion to \$9.6 billion, with organic¹ sales growth of 1% to 4%. Segment margin² is expected to be 22.7% to 23.1%, down 40 basis points to flat compared to the prior year period. Adjusted earnings per share^{2,3} is expected to be in the range of \$2.35 to \$2.45, up 2% to 7% compared to the prior year.

TABLE 1: FULL-YEAR 2024 GUIDANCE

	Previous Guidance	Impact of Acquisition	Guidance After the Acquisition	Impact of Non-GAAP Reporting Change	Updated Guidance
Sales	\$38.1B - \$38.9B	~\$0.4B	\$38.5B - \$39.3B	—	\$38.5B - \$39.3B
Organic ¹ Growth	4% - 6%	—	4% - 6%	—	4% - 6%
Segment Margin ²	23.0% - 23.3%	(0.2) %	22.8% - 23.1%	1.0 %	23.8% - 24.1%
Expansion ²	Up 30 - 60 bps	(20 bps)	Up 10 - 40 bps	20 bps	Up 30 - 60 bps

Adjusted Earnings Per Share ^{2,3}	\$9.80 - \$10.10	(\$0.15)	\$9.65 - \$9.95	\$0.50	\$10.15 - \$10.45
Adjusted Earnings Growth ^{2,3}	7% - 10%	(1 %)	6% - 9%	1 %	7% - 10%
Operating Cash Flow	\$6.7B - \$7.1B	—	\$6.7B - \$7.1B	—	\$6.7B - \$7.1B
Free Cash Flow ¹	\$5.6B - \$6.0B	—	\$5.6B - \$6.0B	—	\$5.6B - \$6.0B

- 1 See additional information at the end of this release regarding non-GAAP financial measures.
- 2 Segment margin and adjusted EPS are non-GAAP financial measures. Management cannot reliably predict or estimate, without unreasonable effort, the impact and timing on future operating results arising from certain items excluded from segment margin or adjusted EPS. We therefore, do not present a guidance range, or a reconciliation to, the nearest GAAP financial measures of operating margin or EPS.
- 3 Adjusted EPS and adjusted EPS V% guidance excludes items identified in the non-GAAP reconciliation of adjusted EPS at the end of this release, including the impact of amortization expense for acquisition-related intangible assets and other acquisition-related costs, and any potential future items that we cannot reliably predict or estimate such as pension mark-to-market.
- 4 Acquisition-related costs are principally comprised of third-party transaction and integration costs and acquisition-related fair value adjustments to inventory.

Nemetschek Group to Acquire GoCanvas to further Accelerate Digitalization in Construction Industry

6 June 2024

The Nemetschek Group, a leading global provider of software solutions for the AEC/O and media industries, announced that it has signed a definitive agreement to acquire all shares in GoCanvas Holdings, Inc., headquartered in Reston, Virginia, USA. GoCanvas® is a leading provider of field worker collaboration software that digitizes traditionally paper-based processes, simplifies inspections, improves safety, and maximizes compliance with more than 300,000 active users worldwide in the first quarter of 2024.

The Nemetschek Group's Build Segment offers subscription and SaaS products that simplify customers' jobs and connect openly with other AEC/O solutions and platforms. GoCanvas fits

perfectly in this strategy by offering flexible cloud and mobile field worker solutions that help customers efficiently collect real-time data, collaborate across worksites, create digital checklists, make data-driven business decisions, and replace paperwork with smart, simple workflows.

Complementary technologies create a best-in-class portfolio for a sustainable built environment globally

The acquisition of GoCanvas will capture significant growth opportunities and technology synergies through further enhancing market and customer access. GoCanvas further strengthens Nemetschek Group's positioning in the US while Nemetschek will provide GoCanvas a unique footprint to expand in Europe and Asia-Pacific.

Nemetschek Group's largest brand Bluebeam is already the most trusted name for collaboration solutions in the built environment and is poised to utilize this market leadership to introduce GoCanvas solutions to extend value to field workers. GoCanvas expands the existing Build portfolio of Nemetschek by providing solutions that simplify operations for on-site professionals across diverse sectors including construction, manufacturing and energy with workflows including safety, ESG (Environmental, Social, and Governance), quality and work progress. These solutions deliver enhanced productivity and efficiency gains for field workers, including reduced travel, heightened safety measures, and improved collaboration.

GoCanvas already has a strong position in the fast-growing field worker market. Consequently, the TAM (total addressable market) for the Build segment increases significantly.

"GoCanvas is a great fit and a perfect complement to our existing solution portfolio in the Build segment and therefore represents a valuable addition to our expertise in covering the complete AEC/O life cycle," says Yves Padrines, CEO of the Nemetschek Group. "Adding the powerful solutions of GoCanvas gives us a strong competitive edge while opening access to a rapidly growing market for field workforces in construction and other adjacent verticals."

Viyas Sundaram, GoCanvas CEO, adds: "We are thrilled to join the Nemetschek Group as we continue our mission to simplify inspections and digitize paper-based processes. This partnership will accelerate our growth and development, allowing us to offer our solutions to a wider range of customers. Together, we will support them in safeguarding their people, protecting their assets, and delivering exceptional quality."

"We are very much looking forward to welcoming the GoCanvas team to the Nemetschek family," adds Usman Shuja, Chief Division Officer of the Build & Construct Division and CEO of Bluebeam Inc. "GoCanvas extends the simplicity and delightful user experience that Bluebeam and 123OnSite users value. I am excited to expand our latest innovations to the field worker. Our customers will significantly benefit from this combined power, as we are now able to provide a comprehensive offering with the most advanced and sustainable functionalities possible."

Innovative and fast-growing company

GoCanvas was founded in 2008 and has more than 300 employees with locations in the US, Canada, Australia and South Africa. With its strong Annual Recurring Revenue (ARR) growth of

around 20% in recent years, GoCanvas generated an ARR of USD 67 million and an operating margin still below the Nemetschek Group average in 2023. GoCanvas' growth is expected to stay at the level of around 20% in the coming years with an increase in operating margin resulting from operational leverage, synergies and economies of scale. The purchase price (on a cash-/debt-free basis) represents a 2023 ARR multiple of around 11.5x based on the 2023 ARR.

Transaction financing will be provided by Nemetschek's own cash resources and existing credit facilities. The acquisition is expected to close in summer 2024 and is subject to customary regulatory approval and closing conditions. Until the transaction closes, each company will continue to operate independently. Upon closing, the CEO of GoCanvas, Viyas Sundaram, and his team will join the Nemetschek Group. More details related to the transaction will be disclosed after closing of the acquisition.

SAP Enters into Agreement to Acquire WalkMe, Driving Business Transformation by Enhancing the Customer Experience and Enriching SAP Business AI Offerings

5 June 2024

SAP SE and WalkMe Ltd. announced today that the companies have entered into a definitive agreement under which SAP will acquire WalkMe, a leader in digital adoption platforms (DAPs).

WalkMe's solutions help organizations navigate constant technology change by providing users with advanced guidance and automation features that enable them to execute workflows seamlessly across any number of applications. This results in higher adoption of the underlying application and as such drives value realization.

The Executive and Supervisory Boards of SAP SE and the board of directors of WalkMe have approved the transaction for US \$14.00 per share in an all-cash transaction, representing an equity value of approximately US \$1.5 billion. The offer price represents a 45% premium to WalkMe's closing share price on June 4, 2024.

The envisioned combination complements SAP's Business Transformation Management portfolio around SAP Signavio and SAP LeanIX solutions to help customers on their transformation journeys.

"Applications, processes, data and people are the four key elements of a successful business transformation," said Christian Klein, CEO and member of the Executive Board of SAP SE. "By acquiring WalkMe, we are doubling down on the support we provide our end users, helping them to quickly adopt new solutions and features to get the maximum value out of their IT investments."

WalkMe: Focus on Analyzing Adoption and Business Transformation

"We are thrilled to join forces with SAP. This acquisition marks a significant milestone in our journey, providing us with the resources and customer base necessary to enhance our product offerings and expand our market reach," said Dan Adika, CEO of WalkMe. "By leveraging SAP's extensive ecosystem, we are poised to unlock substantial growth opportunities and deliver even greater value to our customers. Together, we look forward to a future filled with innovation and exceptional service."

WalkMe helps organizations boost enterprise productivity and lower risk by enabling consistent, effective and efficient use of software and the workflows it enables. Its DAP works on top of an organization's application landscape, detects where people encounter friction and provides the tailored support and automation they need to complete the job to be done, right in the flow of work, across any application. Importantly, WalkMe will continue to fully support non-SAP applications.

Soon, WalkMe will launch the WalkMe^x copilot, which will use WalkMe's contextual awareness and AI to suggest the best next step for any workflow, anywhere. WalkMe^x has the capability to always be on, serving as an overlay to any application, including copilots from different vendors that companies use in their landscapes. Integrating the strength of WalkMe's adoption capabilities with SAP's copilot Joule will boost AI assistant and productivity gains for all SAP customers. Additionally, integrating distinctive e-learning features in the SAP Enable Now solution with WalkMe will form the center of SAP's people-centric transformation approach going forward.

The acquisition is subject to customary closing conditions, including the receipt of WalkMe shareholder approval and necessary regulatory clearances, and is expected to close in the third quarter of 2024. The impact of the transaction on SAP's non-IFRS earnings per share for fiscal 2024 is expected to be immaterial.

Tech Soft 3D Completes Acquisition of Theorem Solutions

4 June 2024

Tech Soft 3D announces that it has acquired Theorem Solutions, makers of advanced solutions for CAD data translation and publishing. This acquisition is in line with the company's plans to fuel growth by investing in product development, scaling the company's global reach and increasing its product offerings through acquisitions.

Theorem's CADTranslate and CADPublish products complement Tech Soft 3D's HOOPS Exchange and HOOPS Publish software developer toolkits (SDKs), and creates an ecosystem of data translation, publishing and 3D PDF solutions for end-users and developers alike. Additionally, Theorem XR solutions provide capabilities for manufacturers to use their 3D CAD data in extended reality (XR) applications for numerous manufacturing use cases, such as design review, factory layout and more.

"We have long admired and appreciated Theorem's deep expertise in CAD data exchange and have had a chance to work closely with the team as they created their solutions," said Ron Fritz, CEO of Tech Soft 3D. "This acquisition not only makes Tech Soft 3D a one-stop shop for the most comprehensive set of CAD data translation and publishing solutions, and is also in line with our vision of helping users, developers and enterprises leverage the full value of their 3D data."

The Tech Soft 3D organization will continue to be focused on providing core intellectual property to developers, while the Theorem team will continue to focus on delivering products directly to industrial end-users.

Mark Stowe, CEO of Theorem added, “Over the years, Theorem has built products on top of certain core component technologies from Tech Soft 3D, so we know the teams are compatible and our technologies complementary. We also know that we share a vision of how to extend the value of 3D data for manufacturing enterprises and their supply chains. We’re extremely excited about what we can achieve together.”

Tech Soft 3D intends to continue to maintain and support Theorem’s existing customers that are using its CADTranslate, CADPublish and TheoremXR offerings. Details of the acquisition are not disclosed. Tech Soft 3D is backed by global, technology-focused investment firm Battery Ventures.

Company News

Altair Establishes New Office in Zurich, Switzerland

6 June 2024

Altair, a global leader in computational intelligence, has established a new office in Zurich, Switzerland. The office, Altair’s first in Switzerland, will help Altair better serve local and global customers in the region.

“It is thrilling to be operating in Switzerland, which will be an immense benefit for our customers here,” said Enrico Tramacere, managing director, Altair Switzerland. “Our presence solidifies our status as an established and still growing worldwide leader in computational intelligence and we are excited to be closer to our customers in the region.”

Altair’s new Zurich location boosts Altair’s global footprint, which comprises 80 offices in 28 countries worldwide. The Zurich office will serve customers of all varieties and industries, including organizations in healthcare and life sciences, banking, financial services, and insurance (BFSI), automotive, heavy equipment, aerospace, rail, and more.

Ambassador Georgette Mosbacher Joins Nano Dimension’s Board of Directors

4 June 2024

Nano Dimension Ltd. (“Nano Dimension” or the “Company”), a leading supplier of Additively Manufactured Electronics (“AME”) and multi-dimensional polymer, metal & ceramic Additive Manufacturing (“AM”) 3D printing solutions, today announced that Ambassador Georgette Mosbacher is joining its Board of Directors (the “Board”).

Ambassador Mosbacher is the former Chairman and Chief Executive Officer of Borghese, Inc., and the former owner and Chief Executive Officer of La Prairie Group AG, where she built world renowned brands. She continues her leadership at several organizations, including as a senior advisor at Skybridge Capital LLC, a board member of Business Executives for National Security, WISEKey, Atlantic Council, and the Fallen Heroes Fund, as well as an advisory board member of Brasilinvest Group, Royal United Services Institute International, the Dilenschneider Group, Inc., and chairman of the Green Beret Foundation. She has also served as NY Commissioner of Racing (Gubernatorial appointment), and Trustee of the NY Hudson River Park Trust (mayoral

appointment). Additionally, Ambassador Mosbacher authored two best-selling books: “Feminine Force” and “It Takes Money Honey.”

Ambassador Mosbacher has also contributed her strong experience in the political domain. She previously served as a co-chair of the Republican National Committee’s Finance Committee and a member of the United States Advisory Commission on Public Diplomacy (Presidential appointment).

From 2016 to 2020, she was the United States Ambassador to Poland. For her service, the President of Poland, Andrzej Duda, awarded Ambassador Mosbacher the Grand Cross of the Order of Merit of the Republic of Poland. The U.S. Secretary of the Army Ryan D. McCarthy also awarded her the Department of the Army’s Distinguished Public Servant Medal, the Department of the Army’s highest civilian award, for her contributions to securing base agreements in Poland.

Ambassador Mosbacher earned a B.S. from Indiana University and is the recipient of numerous awards recognizing her humanitarian and entrepreneurial contributions, including two Honorary Doctorates.

Dr. Yoav Nissan-Cohen, Chairman of the Board, and Yoav Stern, Chief Executive Officer and member of the Board of Nano Dimension, issued a joint statement: “Ambassador Georgette Mosbacher will bring a unique perspective to the Board based on her diverse and extensive experience across the private and public sectors, along with her leadership in civil society. Her illustrious career as entrepreneur, investor and Chief Executive Officer interlaced with her time as a U.S. diplomat brings a unique perspective to our Board. We trust she will be a welcomed steward serving the interest of our shareholders, especially as someone with global experience and a proven ability to represent organizations and build bridges. This will prove valuable as Nano Dimension extends its business in broader and deeper ways to become an international digital manufacturing leader.”

Ambassador Mosbacher commented: “I’m delighted to join Nano Dimension’s Board as the Company forges a new path for the manufacturing industry. I believe Nano Dimension’s organization, products, and technologies are game changers and will make a significant improvement by promoting sophistication as well as onshoring and reshoring of advanced industrial technologies, promoting sophistication in global workforces. I look forward to sharing my insights and partnering with Dr. Nissan-Cohen, Yoav Stern, and the other Nano Dimension directors in the journey ahead.”

Autodesk donates \$5M to Howard University, largest ever gift to University’s College of Engineering and Architecture

5 June 2024

Only 3% of today’s mechanical engineers in the US are Black, according to research from career and jobs website Zippia. Autodesk is committed to helping build a more diverse workforce and preparing all future engineers for a rapidly-evolving workforce.

That's why Autodesk is thrilled to expand on its longstanding partnership with renowned Historically Black College and University (HBCU), Howard University, with a \$5 million donation to its College of Engineering and Architecture (CEA)—the largest unrestricted philanthropic donation in the College's history.

This record-setting gift will ensure that Howard's new state-of-the-art Design and Make lab will have the software, cutting-edge equipment, and educators to teach aspiring engineers for years to come.

"We are immensely grateful for Autodesk's gift to Howard's College of Engineering and Architecture," said Howard University president Ben Vinson III, Ph.D. "Howard is a leader in graduating Black engineers, and this gift will expand our ability to provide our students with the best and latest resources throughout the course of their education here. This is increasingly important to us as competition for entry-level jobs continues to increase and as the need for tech and AI skills becomes all the more critical."

Access to these resources in education is increasingly critical as AI and digital transformation are altering the most in-demand skills for Design and Make industries—which today represent 300 million employees globally and will reflect \$30 trillion in economic value by 2027.* Today, 41% of industry professionals say the ability to implement and work with AI is the top technical skill they are hiring for over the next three years. Educating students with experiential technology training is table stakes to ensure early success in their careers.

"At Autodesk, our software not only helps people Design and Make things; we also help shape tomorrow's Design and Make leaders," said Andrew Anagnost, president and CEO of Autodesk. "It's imperative that educators and industry leaders work together to prepare students for an ever-changing workforce, and technology companies like Autodesk have a critical role to play in bridging the gap. We're honored to support Howard University's students on their journeys to building the future."

"This generous gift, in addition to the previously donated \$1M to the Department of Mechanical Engineering, is a result of our exemplary industry-academia partnership with Autodesk for the last six years, which has already resulted in curriculum development with industry-grade software, and mechanical engineering graduates with advanced skills. All of these efforts will be used for the long-term development and sustainability of establishing a diverse engineering workforce," said Nadir Yilmaz, Ph.D., P.E., professor and chair of Howard University's Department of Mechanical Engineering.

Howard University's Design and Make lab, expected to open in 2025, will serve as a hub for interdisciplinary collaboration across the University. The donation will fund the lab's longevity, expand its on-site equipment for experiential learning, and hire the best-in-class educators.

The lab will also support K-12 activities to inspire young students to explore STEM through the incorporation of SAE International's award-winning, hands-on A World in Motion® (AWIM) PreK-12 STEM program in partnership with the SAE Foundation, which supports equitable access to STEM through SAE's AWIM Program and has reached more than 6 million students since the inception.

“The opening of the lab will enable students to transform their budding design ideas into working prototypes. Through their use of the lab’s Design and Making technology and peer collaborations, students will have immersive learning experiences that connect theoretical knowledge with real-world problems that require diverse teams. The opportunities afforded by a facility like this are a driver for innovation,” said John M. M. Anderson, Ph.D., dean of CEA.

Autodesk’s gift in support of the Design and Make lab is in part a result of the longstanding partnership between Autodesk and Dr. Nadir Yilmaz, professor and chair of the Department of Mechanical Engineering at Howard University. Dr. Yilmaz and his department faculty have been leveraging Autodesk software in their classrooms for the past six years. Autodesk proudly offers its software for free to students and educators worldwide in its commitment to prepare the next generation to design and make the future.

Digital Twin Consortium and Smart Cities Council Announce Significant Expansion to Global Partnership

6 June 2024

Smart Cities Council (SCC), the world’s largest and longest-running Social Impact Organization focused on building positive, self-sustaining action and impact for Smart Cities, Smart Buildings, and Technology, and Digital Twin Consortium® (DTC), the Authority in Digital Twins, are significantly expanding their Global Partnership.

This collaboration significantly enhances the capability and capacity being brought to common Domain Verticals, including:

- Smart Airports & Intelligent Transportation Hubs
- Smart Tourism
- Regional Communities
- Indigenous Communities
- Healthcare & Aged Care
- Intelligent Buildings & Infrastructure

At the same time, globally renowned Digital Twin Expert and DTC CTO Dan Isaacs has been appointed SCC Global Thought Leader—Digital Twins, a role that will dramatically accelerate the DTC/SCC partnership.

As part of the Partnership, SCC President Corey Gray will address DTC membership at the quarterly Members’ Meeting in Las Vegas in June.

Dan Isaacs and members from the DTC will drive “**Digital Twin Day**” and participate in related tracks at the **Smart Cities Week APAC** Event in Adelaide, Australia, from August 5 to 9, 2024. This will make it the region’s largest and highest-profile Digital Twin Program ever held.

This globally significant event, formally backed by the South Australian Government, Trade and Investment Agencies from nearly 20 countries, and private sector sponsors including NCS, AWS,

FSC, IFZA, BCA, LAAMP, BTI, XQ Messge, AizoOn, Delos Delta, Tagai Management Consultants, Convera, Tr3dent, B2BeeMatch, and Clevertronics, will feature the world's foremost thinkers from academia, public, and private sectors alike.

In addition, the DTC – SCC Expanded Partnership will bring synergies in:

- Education and training via **Smart Cities Academy**
- Reciprocal membership agreements

Ongoing global event collaboration, including accelerator programs and related services.

DXC Technology Bolsters Leadership with Kaveri Camire as Chief Marketing Officer

3 June 2024

DXC Technology, a leading Fortune 500 global technology services provider, announced Kaveri Camire has been named Senior Vice President and Chief Marketing Officer effective immediately, reporting directly to DXC President and Chief Executive Officer Raul Fernandez.

Camire will oversee all aspects of DXC's marketing and communications, leading the company's global team to enhance strategic initiatives, brand and digital campaigns, market activation, content creation, social media and external relations.

"As we continue our transformation journey, enhancing our brand positioning is critically important to accelerate our growth," said Fernandez. "Kaveri brings unparalleled expertise and knowledge in marketing and communications. Her strategic vision, coupled with extensive understanding of global markets and experience executing at scale makes Kaveri a perfect fit. She will be instrumental in elevating our narrative and storytelling efforts with a focus on helping solve customer problems and bringing innovative solutions to the market. We are thrilled to have Kaveri join the DXC team."

Camire brings a wealth of experience and proven track record, including 20 years with IBM Corporation. Most recently, she served as Vice President for its Hybrid Cloud business. At IBM, she developed brand and reputation management strategies for Fortune 1000 organizations, led transformation campaigns, and helped establish new market categories. She also led marketing and communications for multibillion-dollar business lines across IBM AI, Hybrid Cloud and Consulting.

"I am delighted to join DXC at such a pivotal point in the company's transformational journey," said Camire. "I truly believe the most valued asset for any organization is its people and I am passionate about establishing human connections through brand strategy. This presents an opportunity to leverage the power of data and AI to align brand resonance, lead generation and client-centric stories taking DXC to its next chapter, while fostering meaningful connections.

Camire is the latest addition to DXC's senior leadership team. In May, Cameron Art joined as General Manager of the Americas and UKI; in April, Patrick Thompson was named Senior Vice President, Enterprise Transformation, and in March, Matt Fawcett was appointed Executive Vice President and General Counsel.

Camire attended Stanford Graduate School of Business Executive Education, and she holds a Bachelor's Degree from Delhi University, India. She has served as a member of Arthur Page Society, a premier global association for senior strategic communications leaders.

Based in Chapel Hill, North Carolina, Kaveri can be found spending time with her family in her personal time, she's also an avid health and fitness enthusiast.

Materialise and ArcelorMittal Announce Partnership to Enhance Metal 3D Printing Capabilities

4 June 2024

Materialise, a global leader in 3D printing software and services, and ArcelorMittal Powders, a business unit of ArcelorMittal established to produce high-quality steel powders, have signed a memorandum of understanding (MOU) to create solutions to optimize laser powder bed fusion (LPBF) equipment and metal 3D printing strategies. Through the MOU, ArcelorMittal will use Materialise's next-gen build processor for 3D printers.

"Our collaboration with Materialise supports our vision that the key to success in additive manufacturing is about finding the right blend of digital instructions and steel powders to deliver the best balance of quality and productivity in an application. Whether developing new applications with new alloys or proving the feasibility of new designs for existing applications through steel additive manufacturing, Materialise offers us a formidable channel to bring build instructions straight to the heart of a 3D printer," said Aubin Defer, Chief Marketing Officer, ArcelorMittal Powders.

The two companies are partnering to develop solutions that integrate Materialise's next-gen build processor and ArcelorMittal Powders' AdamiQ™ range of steel powders to enhance LPBF, the most widely used additive manufacturing technology for producing metal parts. Build processors link 3D printers with data preparation software, streamlining the additive manufacturing process from design to print. Materialise's next-gen build processor supports larger build volumes and more complex geometries than traditional build processors, so users will be able to customize process parameters, streamline workflows, and print faster. Combined with the AdamiQ™ steel powders made specifically for additive manufacturing applications, these printing solutions help improve setup and production speed, part quality, cost-efficiency, reproducibility, and repeatability.

"Our collaboration with ArcelorMittal marks a significant milestone in advancing our shared vision. By enhancing processes and solutions, we aim to expand the applications and industries utilizing additive manufacturing. This partnership brings us closer to a future where 3D printing achieves its full potential, enabling both mass customization and large-scale production," said Udo Eberlein, Vice President of Software at Materialise.

Materialise has more than 30 years of 3D printing experience and a proven track record for providing build processors. ArcelorMittal Powders combines nearly 20 years of metallurgical expertise to provide steel solutions for additive manufacturing applications.

Schaeffler appoints new Head of Investor Relations

3 June 2024

Schaeffler AG announced two important leadership changes within the management level directly below the Board of Managing Directors effective June 1, 2024. Heiko Eber, previously Head of Investor Relations (IR) at Vitesco Technologies Group AG, will lead Investor Relations at Schaeffler AG. Renata Casaro, who has been in charge of IR at Schaeffler since 2017, will lead the newly created Global Risk & Macroeconomic Analysis unit going forward. Both Schaeffler and Vitesco Technologies are confident that their planned merger will become effective at the beginning of the fourth quarter of this year.

Heiko Eber took over responsibility for IR at Vitesco Technologies in 2021 and was also in charge of preparing the spin-off from Continental AG starting in 2019. He joined Continental in 2011 and previously worked for Siemens AG. Heiko Eber will report to Group CFO Claus Bauer.

Renata Casaro joined Schaeffler AG in 2017. Prior to Schaeffler she was Head of IR at Henkel AG & Co KGaA and Bulgari SpA and worked for several financial institutions. In her new role she will continue to report to Group CEO Klaus Rosenfeld.

“With his extensive experience gained in the industrial and automotive sectors, his track record in our sister companies and his contributions during the current integration phase Heiko Eber will accompany the next phase of our transformation as a leading Motion Technology Company. The strong foundation of Schaeffler’s transparent capital markets communications will serve as a good fundament for building a compelling equity story of Schaeffler New,” said Claus Bauer, CFO of Schaeffler AG.

Klaus Rosenfeld, CEO of Schaeffler AG, added: “I would like to thank Renata Casaro for relentlessly shaping financial communications at Schaeffler in a dependable, transparent, and consistent way. She accompanied the first transformation phase of Schaeffler Group and contributed to its strategic direction. At the same time, I look forward to working with Heiko Eber who brings in a wealth of experience within our industries. I am delighted that Renata Casaro will continue to support us on our journey based on her previous experiences in Banking and in Corporates to contribute to Schaeffler’s resilience in this increasingly complex macroeconomic and geopolitical environment. I wish each of them success in their new roles.”

Event News

Eplan Forum : Connecting Minds. Transforming Engineering.

4 June 2024

The Eplan Forum for Automated Engineering has transformed to become the Eplan Forum 2024. Why? Because complexity is on the rise, especially in machine building and plant-system engineering, and automating engineering brings further challenges. These include efficient machine cabling as an example, and the deep integration of Eplan into ERP and PDM environments.

The Eplan Forum 2024 is the perfect opportunity to discuss these topics and get inspired by best-practice presentations – live on location in Cologne or online from around the world.

Our focus:

- As always, on professional strategies and solutions for automating engineering processes.
- On the optimisation of machine cabling with the cost-effective utilisation of prefabricated cables.
- On software support for determining exact cable lengths as the foundation for plug-and-play in machine cabling.
- And on the integration of Eplan data into your ERP and PDM systems.

Practice-oriented presentations and networking as top priorities!

Meet & Match: We will put you in contact with other management-level executives by matching the topics and demands of interest to you. This allows you to talk and share experiences with other participants and get the maximum benefit from your participation.

Best Practices: Customer presentations are and remain the centrepiece of the Eplan Forum 2024. You can expect speakers from international companies including Kaeser Kompressoren, Bender Solutions and Red Electrica (to name just a few).

Two days of intensive exchange and conversation lie ahead of us with the clear goal of every participant finding approaches and motivation for the further optimisation of engineering and machine cabling.

Please note there is a limited availability of spots on site in Cologne. So don't hesitate to secure your spot there! The complete programme and more detailed information can soon be found at this website.

[Register now!](#)

Keysight Spotlights Spectrum Innovations at IMS 2024

4 June 2024

What: At the [2024 IEEE MTT-S International Microwave Symposium \(IMS\)](#), Keysight's microwave and radio frequency (RF) experts will showcase solutions that accelerate spectrum innovations to help customers optimize 5G and pioneer 6G. With an end-to-end portfolio of product development solutions that quickly solve design, emulation, and test challenges, Keysight is reducing risk and speeding time-to-market for satellite and IoT networks, massive MIMO antennas, and 6G technology.

When: June 16 – 21, 2024

Where: Keysight Booth Number 721, Walter E. Washington Convention Center Washington DC

Contact: [Paul Erwin](#) to schedule media briefings and solution demonstrations.

Keysight will present the following demonstrations that are accelerating spectrum innovations:

- **Wideband Active Load-Pull** – Showcases Keysight’s newly introduced wideband active load-pull (WALP) capability using a dual-channel VXG-C vector source and a PNA-X network analyzer to demonstrate the error vector magnitude performance of a power amplifier when presented with arbitrary frequency-dependent load impedances created without an impedance tuner.
- **AI/ML Enabled EDA** – Demonstrates Keysight’s ADS 2025, which offers 3D Circuit-EM-Thermal multi-physics co-design, high-performance automation enabling AI/ML and robust design validation for RF and millimeter-wave, and provides support for wideband power amplifier design techniques, including nonlinear load pull. Also shows how PathWave System Design 2024 U1 links to ADS through the new RF System Explorer as well as how ADS provides new communications PHY technology for 5G NTN systems design, while enabling training and use of AI/ML-based models, channels, provides RF-true phased array design for 5G and 6G systems.
- **Phased Array Antenna Test** – Showcases Keysight’s phased array control and calibration test solution inside the Vertical Compact Antenna Test Range (CATR), which accommodates a wide variety of phased array antenna performance verification tests including fast gain and phase calibration, effective isotropic radiated power (EIRP), antenna radiation pattern, antenna gain-to-noise-temperature (G/T), modulation distortion, and radio frequency to direct digital measurements.
- **Signal Source Characterization** – Demonstrates how to perform sub-THz phase noise measurements with Keysight’s new E5058A 54 GHz SSA-X signal source analyzer and an E5051AW phase noise measurement downconverter for 6G applications and microwave amplifier residual phase noise and AM noise measurements.
- **IQ Data Characterization** – Highlights how Keysight’s vector signal analysis software uses a new feature to precisely characterize a homodyne (IQ) systems by characterizing and digitally correcting the frequency-dependent dispersion and imbalance of a Marki IQ mixer.

Keysight's experts will also explore spectrum innovation through technical lectures, presentations, workshops, and tutorials including:

Panel Sessions

- RF and Microwave League of Champions

[RF Bootcamp](#)

June 17 – 8:00 a.m.-5:20 p.m.

Room # 207AB

[Quantum Bootcamp](#)

June 16 – 8:00-11:50 a.m.

Room # 206

Industry Workshops

- Model-Based Design of Stable High Efficiency GaN Power Amplifiers
- Design Flow for the Assembly and Analysis of 3D Heterogenous Intergrated Technologies

MicroApps Seminars

- External Optimization and AI/ML Training of a 3GHz Filter Using Python in ADS
- Using Load Pull Simulation and Optimization to Design Doherty Power Amplifiers

For additional information, visit [Keysight at IMS 2024](#).

OpenText Elevates Knowledge Workers at SAP Sapphire 2024

3 June 2024

OpenText™, the information company, showcased a powerful suite of SAP custom solutions with generative AI to revolutionize information management within SAP processes. These new enhanced capabilities enable future knowledge workers using SAP to integrate, search, and apply archived information – while controlling long-term cloud costs, reducing risks, meeting industry-specific compliance rules, and improving worker efficiencies.

As organizations look to unlock further value from their SAP investments, OpenText is here to support customers in gaining competitive advantage by elevating their knowledge workers to be more efficient, elevating their IT departments to test and deploy SAP faster, and elevating their customer success agents with easier ways to launch communications off SAP workflow. By adding AI intelligence to processes, organizations can uncover new ways to turbo-charge operational efficiencies – from improving finance, engineering, procurement, HR, supply chain and customer experiences.

“SAP users are often challenged with complex system integrations and the difficulty of managing vast amounts of data efficiently. Additionally, ensuring data security and compliance with regulatory requirements can be particularly demanding within the SAP environment,” said Muhi Majzoub, Chief Product Officer, OpenText. “With the latest AI-powered innovations in OpenText’s SAP Solution Extensions, customers can now leverage critical business information to boost their SAP cloud-enabled transformation and intelligently prepare for the future. As a longstanding SAP partner, we are committed to continuous innovation to help our thousands of customers reimagine the value of their archived IP that can now be securely surfaced and applied with OpenText.”

New OpenText solution features include:

- **SAP S4Hana and OpenText Cloud:** Adopt SAP Archiving and Document Access Core by OpenText -- a feature-rich, SaaS solution to enhance business process governance and drive efficiency in the cloud.

- **OpenText Content Aviator:** Leverage intelligent assistants and generative AI capabilities to accelerate productivity of all knowledge workers with OpenText Content solutions including SAP Extended ECM by OpenText, SAP SuccessFactors Extended ECM by OpenText, and OpenText Core Content.
- **OpenText Content Integrations:** Manage information safely and efficiently across multiple clouds and effectively connect SAP, CRM, and Microsoft Office 365 with SAP Extended ECM by OpenText.
- **OpenText Application Lifecycle Management:** For IT departments making the multi-year journey onto SAP Hana, OpenText DevOps Cloud is here to offer the ability to easily test new configurations for your SAP modules and instances, and across the end-to-end workflow.
- **OpenText Experience for SAP:** Explore how integrated media management and customer communications platforms from OpenText can help SAP knowledge workers drive improved automation and intelligence at scale.

Join OpenText at SAP Sapphire

OpenText experts will host interactive demos, booth talks, and facilitate customer-led sessions to demonstrate how organizations can unleash powerful capabilities with OpenText's SAP Solution Extensions and make information central to key business processes. Join us:

June 3–5, 2024, Orange County Convention Center (ORCC), Orlando, Florida, US. Visit the OpenText booth #510 – Register [here](#). **June 11–13, 2024**, Fira de Barcelona – Gran Via, Barcelona, Spain. Visit the OpenText booth # 7.101 – Register [here](#).

- **Strategy Talk sessions:** “How OpenText AI will change the way you use information with SAP S/4HANA” – Orlando: June 4, 2:30 pm, Theater 16, Session ID: PAR299. More details [here](#). Barcelona: June 13, 12 pm, Theater 5, Hall 5, Session ID: PAR332. More details [here](#).
- **OpenText customer speaker session (Orlando):** “Using OpenText at Victoria's Secret to transform Real Estate and construction processes” – Discover how the world's largest specialty retailer, Victoria's Secret, with over 1,300 stores in 70 countries, streamlined and optimized its real estate and construction processes using SAP Extended ECM by OpenText to improve collaboration and complex information management requirements. – Orlando: Wednesday, June 5, 2:30pm, Theater 21, session ID: PAR373.
- **Book a meeting with an OpenText expert:** Use the online scheduling form to meet with an expert to discuss how OpenText's SAP solution suite can support your information management needs. Book [here](#).

Powering intelligent information through SAP partnership

Building on a 30-year partnership with SAP, OpenText is one of the largest SAP Solution Extension partners, serving over 11,000 customers and six million subscribed cloud users in

over 120 countries. As a 19-time SAP Pinnacle Award winner, OpenText's SAP Solution Extensions help organizations accelerate the move to the cloud.

Customers adopting RISE with SAP and SAP S/4HANA Cloud, leveraging a strategic platform that manages all unstructured data can control long-term costs, reduce risk, enable compliance, and accelerate the time to value. Leveraging AI capabilities, OpenText solutions ensure critical business information related to business processes within SAP technologies is available to power intelligent decision-making across SAP S/4HANA Cloud and SAP SuccessFactors HCM. Businesses using SAP solutions can purchase OpenText's leading technology as an SAP product, having undergone a premium qualification process.

Roadzen to Participate on the InsurTech Panel at the Jefferies Global FinTech Conference on June 12, 2024

5 June 2024

Roadzen Inc. ("Roadzen" or the "Company"), a global leader in AI at the convergence of insurance and mobility, announced that it will participate in the upcoming Jefferies Global FinTech Conference, which is being held June 12-13, 2024, at the Park Hyatt in New York City.

Founder and CEO Rohan Malhotra will participate in an InsurTech Panel discussion on Wednesday, June 12, 2024, at 11:30 a.m. ET. Roadzen will be available for one-on-one meetings at the conference.

Financial News

Accenture to Announce Third-Quarter Fiscal 2024 Results

4 June 2024

Accenture will host a conference call at 8:00 a.m. EDT on Thursday, June 20, 2024 to discuss its third-quarter fiscal 2024 financial results. An earnings news release will be issued before the call.

To participate in the teleconference, please dial +1 (877) 692-8955 [+1 (234) 720-6979 outside the U.S., Puerto Rico and Canada] and enter access code 4074957 approximately 15 minutes before the scheduled start of the call. The conference call will also be accessible live via webcast on the Investor Relations section of the Accenture website at www.accenture.com.

A replay of the conference call will be available at www.accenture.com and at +1 (866) 207-1041 [+1 (402) 970-0847 outside the U.S., Puerto Rico and Canada] with access code 1326158, from 11:00 a.m. EDT on Thursday, June 20, 2024 through Wednesday, Sept. 25, 2024.

Hewlett Packard Enterprise reports fiscal 2024 second quarter results

4 June 2024

Hewlett Packard Enterprise announced financial results for the second quarter ended April 30, 2024.

"HPE delivered very solid results in Q2, exceeding revenue and non-GAAP EPS guidance. AI systems revenue more than doubled from the prior quarter, driven by our strong order book and better conversion from our supply chain," said Antonio Neri, president and CEO of Hewlett Packard Enterprise. "Our deep expertise in designing, manufacturing, and running AI systems at scale fueled growth of cumulative AI systems orders to \$4.6 billion, with enterprise AI orders representing more than 15%. HPE's AI advantage, increased HPE GreenLake adoption, and leading infrastructure portfolio, as well as an improved supply chain environment, set us up very well to deliver a strong second half."

"Stronger AI systems order conversion, prudent cost discipline, and higher-than-expected free cash flow drove a very solid performance in Q2. Because of our robust AI systems order momentum and disciplined execution across our entire portfolio, we are raising our revenue and non-GAAP EPS guidance for the full year," said Marie Myers, executive vice president and CFO of Hewlett Packard Enterprise. "We are driving profitable growth as we convert customer demand to revenue, particularly for HPE's AI systems. The long-term trends across hybrid cloud and networking also position us well for the future."

Second Quarter Fiscal 2024 Financial Results

Revenue: \$7.2 billion, up 3% from the prior-year period in actual dollars and 4% in constant currency⁽¹⁾

Annualized revenue run-rate ("ARR")⁽²⁾: \$1.5 billion, up 37% from the prior-year period and 39% in constant currency⁽¹⁾

Gross margins:

- GAAP of 33.0%, down 300 basis points from the prior-year period and down 340 basis points sequentially
- Non-GAAP⁽¹⁾ of 33.1%, down 310 basis points from the prior-year period and sequentially

Diluted net earnings per share ("EPS"):

- GAAP of \$0.24, down 25% from the prior-year period and down 17% sequentially, within our guidance range of \$0.20 to \$0.25
- Non-GAAP⁽¹⁾ of \$0.42, down 19% from the prior-year period and down 13% sequentially, above our guidance range of \$0.36 to \$0.41

Cash flow from operations: \$1,093 million, an increase of \$204 million from the prior-year period

Free cash flow ("FCF")⁽¹⁾⁽³⁾: \$610 million, an increase of \$322 million from the prior-year period

Capital returns to shareholders: \$214 million in the form of dividends and share repurchases

Second Quarter Fiscal 2024 Segment Results

- Server revenue was \$3.9 billion, up 18% from the prior-year period in actual dollars and in constant currency⁽¹⁾, with 11.0% operating profit margin, compared to 14.4% from the prior-year period.
- Intelligent Edge revenue was \$1.1 billion, down 19% from the prior-year period in actual dollars and in constant currency⁽¹⁾, with 21.8% operating profit margin, compared to 24.7% in the prior-year period.
- Hybrid Cloud revenue was \$1.3 billion, down 8% from the prior-year period in actual dollars and 9% in constant currency⁽¹⁾, with 0.8% operating profit margin, compared to 1.9% from the prior-year period.
- Financial Services revenue was \$867 million, up 1% from the prior-year period in actual dollars and in constant currency⁽¹⁾, with 9.3% operating profit margin, compared to 8.9% from the prior-year period. Net portfolio assets of \$13.2 billion, down 1.1% from the prior-year period in actual dollars and up 0.3% in constant currency⁽¹⁾. The business delivered return on equity of 18.0%, up 3.0 points from the prior-year period.

Dividend

The HPE Board of Directors declared a regular cash dividend of \$0.13 per share on the company's common stock, payable on July 18, 2024, to stockholders of record as of the close of business on June 19, 2024.

Fiscal 2024 Third Quarter Outlook

HPE estimates revenue to be in the range of \$7.4 billion to \$7.8 billion. HPE estimates GAAP diluted net EPS to be in the range of \$0.29 to \$0.34 and non-GAAP diluted net EPS⁽¹⁾ to be in the range of \$0.43 to \$0.48. Fiscal 2024 third quarter non-GAAP diluted net EPS excludes net after-tax costs of approximately \$0.14 per diluted share primarily related to stock-based compensation expense, amortization of intangible assets and acquisition, disposition and other related charges.

Fiscal 2024 Outlook

HPE estimates fiscal 2024 revenue growth to grow 1 to 3%, in constant currency⁽¹⁾⁽⁵⁾, and fiscal 2024 GAAP operating profit growth to be in the range of 2% to 6% and non-GAAP operating profit⁽¹⁾⁽⁴⁾ growth to be flat to 2%. HPE estimates GAAP diluted net EPS to be in the range of \$1.61 and \$1.71 and non-GAAP diluted net EPS⁽¹⁾ to be in the range of \$1.85 and \$1.95. Fiscal 2024 non-GAAP diluted net EPS estimates exclude net after-tax adjustments of approximately \$0.24 per diluted share, primarily related to stock-based compensation expense, acquisition, disposition and other related charges, amortization of intangible assets, structural tax-rate adjustments, adjustments related to the sale of H3C and a portion of the H3C income. HPE estimates free cash flow⁽¹⁾⁽³⁾⁽⁵⁾ to be at least \$1.9 billion.

¹ A description of HPE's use of non-GAAP financial information is provided below under "Use of non-GAAP financial information and key performance metrics."

² Annualized Revenue Run-Rate (“ARR”) is a financial metric used to assess the growth of the Consumption Services offerings. ARR represents the annualized revenue of all net HPE GreenLake edge-to-cloud platform services revenue, related financial services revenue (which includes rental income from operating leases and interest income from finance leases), and software-as-a-Service, software consumption revenue, and other as-a-Service offerings, recognized during a quarter and multiplied by four. We use ARR as a performance metric. ARR should be viewed independently of net revenue and is not intended to be combined with it.

³ Free cash flow represents cash flow from operations, less net capital expenditures (investments in property, plant & equipment (“PP&E”) less proceeds from the sale of PP&E), and adjusted for the effect of exchange rate fluctuations on cash, cash equivalents, and restricted cash.

⁴ FY24 non-GAAP operating profit excludes costs of approximately \$1.0B primarily related to stock-based compensation expense, acquisition, disposition and other related charges, amortization of intangible assets, and transformation costs.

⁵ Hewlett Packard Enterprise provides certain guidance on a non-GAAP basis. In reliance on the exception provided by Item 10(e)(1)(i)(B) of Regulation S-K, Hewlett Packard Enterprise is unable to provide a reconciliation to the most directly comparable GAAP financial measure without unreasonable efforts, as the Company cannot predict some elements that are included in such directly comparable GAAP financial measure. These elements could have a material impact on the Company’s reported GAAP results for the guidance period. Refer to the discussion of non-GAAP financial measures below for more information.

Nano Dimension Announces Q1/2024 Results Demonstrating Continued Gross Margin Expansion and Path to Profitability

3 June 2024

Nano Dimension Ltd. (“Nano Dimension” or the “Company”), an industry leader in Additively Manufactured Electronics, additive PCB assembly & printhead drivers and software (AME), and a supplier of Additive Manufacturing machines and materials (AM), announced financial results for the first quarter ended March 31st, 2024.

Revenue:

- Q1/2024 was \$13.36 million
- Q1/2023 was \$14.97 million (unusual Q1/2023, spillover from Q4/2022)

Gross Margin (GM):

- Q1/2024 was 46%
- Q1/2023 was 44%
- 235 bps improvement

Adjusted Gross Margin¹ (Adjusted GM):

- Q1/2024 was 50%
- Q1/2023 was 47%
- 265 bps improvement

Adjusted EBITDA:

- Q1/2024 was negative \$13.6 million
- Q1/2023 was negative \$23.7 million
- 43% improvement

Net cash burn²:

- Q1/2024 was \$7.0 million
- Q1/2023 was \$27.4 million
- 75% reduction

Details regarding Adjusted GM and Adjusted EBITDA can be found below in this press release under “non-IFRS measures.”

CEO MESSAGE TO SHAREHOLDERS:

Dear Shareholders,

This was a quarter in which we have seen evidence that the financial results are reflecting our long-term planning. What we said will happen, has happened. I will separate my note into two main pillars in which we assess our business, and we hope you do as well: our income statement and our capital allocation – each being distinct but highly interrelated.

Income statement

Our income statement is naturally a key metric. We have often said it is not about one quarter, but quarters over time, and what story the numbers reveal about the direction of the business. On this note, for shareholders focused on financial discipline and moving towards profitability, there is a positive story emerging that is the product of a methodical plan.

Top-line

In 2021, we set a goal to increase revenue considerably. This should not be the sole goal of any business, nor was or is it of Nano Dimension. But it was an interim goal as a means of reaching a minimal threshold to achieve efficiencies.

We have done this.

In Q1/2021, the last-twelve-month (LTM) revenue was \$3.5 million; in Q1/2024 the LTM revenue was \$55 million, displaying compound annual growth rate (CAGR) of 150%.

On a comparable basis, while Q1/2023 was nontypically high as a result of spillover from Q4/2022, we expect our budgeted growth to continue on an annual basis.

Gross Margins

While simultaneously making progress on our revenue growth objective, we set out another one: Increasing gross margins, which reflect how we price our sophisticated hi-tech products

and our efficiency in manufacturing them vis-à-vis our costs of goods sold (COGS). Surely, this is not our end-goal either, but a critical intermediate step.

We have done this.

We improved our gross margins from 10% in Q1/2022 to 46% in Q1/2024, for a **relative expansion of approx. 360%**.

Operating Expenses

After growing our revenue and expanding our gross margins, we shifted our focus to reducing our operating expenses, which is critical for the ultimate goal of profitability. Our work in this area comes largely from our **Reshaping Nano Initiative**, which we announced in Q4/2023. We developed a detailed plan to evolve our global workforce based on the benefits of organizational synergies following a robust M&A program, while not forgoing progress in R&D innovations and go-to-market effectiveness.

We have done this.

We finished Q1/2024 with a notable reduction in our net cash burn down to \$7 million. This is not the end of the story. With this, I want to reaffirm our guidance that we announced in our 2023 full year results: our reduced cash used in operations along with our strong cash management means our effective cash burn will be no more than \$20 million for the year, and perhaps as low as \$12 million.

This is critical. Even without any other big developments, Nano Dimension can maintain its position of strength with minimal cash usage.

Capital allocation

Our balance sheet is our strategic advantage. How we manage and allocate the capital, is perhaps the greatest indicator of future success.

R&D and Innovation

The list of accomplishments over the last three years is long, but one focal area has been our industrial AI work coming out of our DeepCube Group that has created differentiated, secure IP to serve the business long into the future.

We have done this.

Even if we just limit ourselves to Q1/2024, we have filed ***an important patent related to our industrial AI work from our DeepCube Group and large language models (“LLMs”)***.

Transformational M&A

This is arguably the only area where there is not a publicly disclosable Q1/2024 development. But I want to say this clearly: ***This is a feature, not a bug.*** As we have always been, our team and banking advisors are pursuing transactions at the right cost, not at any cost. While we believe more than ever that there are great consolidation opportunities in the scope of our M&A search, it is critical we don't fall into the same mistake that many others have made and that is not thinking critically about a return-on-investment (ROI).

Valuable opportunities are becoming more likely as many companies are seeing their own cash reserves dwindle with limited and arguably prohibitively costly mechanisms for securing

additional capital.

We are in strong AND ACTIVE positions, which are only getting stronger.

Share Repurchase Program

We continually assess the best use of our cash. Considering that our current shares trade at a discount to cash value, we believe a share buyback should be considered in comparison to other alternatives, as it also provides value to shareholders. We said we would do this in 2023.

We have done this.

Outstanding Shares Reduced by 15% to 219 Million, Over the Last 15 months.

We have purchased 51,064,088 ordinary shares at approx. \$2-\$3 per share below cash and investments value since February 2023. Our program has brought our current outstanding share count to 219,237,825 ordinary shares as of March 31st, 2024; presenting a cash and investment value of approximately \$4.1 per share (without considering the value of the \$55-\$60 million revenue business) as of Q1/2024.

In closing

Our markets and their macro environments are neither perpetuum mobile, nor are they static, and so is our business. On many important items and especially those clearly within our control, what we said will happen, has happened. This is not to say there is no more to do, and some of the most important things still lie ahead. It is just the beginning.

Thank you for your support.

Yoav Stern

Chief Executive Officer and a Member of the Board of Directors

Nano Dimension

FINANCIAL RESULTS:

First Quarter 2024 Financial Results

- Total revenues for the first quarter of 2024 were \$13,364,000, compared to \$14,965,000 in the first quarter of 2023. The decrease is attributed to decreased sales of the Company's product lines.
- Total cost of revenues for the first quarter of 2024 was \$7,186,000, compared to \$8,399,000 in the first quarter of 2023. The decrease resulted primarily from the above-mentioned decrease in revenues and cost reductions that improved the gross margin.
- As a result of the reorganization plan executed by the Company in the fourth quarter of 2023 and other cost reduction efforts taken in 2024, the Company's operating expenses across all departments have decreased in the first quarter of 2024 compared to the first quarter of 2023.
- R&D expenses for the first quarter of 2024 were \$9,133,000, compared to \$19,250,000 in the first quarter of 2023. The decrease is mainly attributed to a decrease in payroll and related expenses, share-based compensation expenses, materials for R&D use and subcontractor services.

- Sales and marketing expenses for the first quarter of 2024 were \$6,517,000, compared to \$7,486,000 in the first quarter of 2023. The decrease is attributed mainly to payroll and related expenses, as well as share-based compensation expenses.
- General and administrative expenses for the first quarter of 2024 were \$9,602,000, compared to \$11,033,000 in the first quarter of 2023. The decrease is mainly attributed to a decrease in professional services, payroll and related expenses, and is partially offset by an increase in share-based compensation expenses.
- Net loss for the first quarter of 2024 was \$34,772,000, or \$0.15 loss per share, compared to net income of \$22,222,000, or \$0.09 per share, in the first quarter of 2023, with gains that quarter mainly attributed to the re-valuation of our investment in securities.

Conference call information

The Company will host a conference call to discuss these financial results today, June 3rd, 2024, at 9:00 a.m. EDT (4:00 p.m. IDT).

The call can be accessed via webcast link or phone as detailed below.

For webcast link with presentation viewing:

<https://event.choruscall.com/mediaframe/webcast.html?webcastid=GmLH60ir>

For phone:

U.S. Dial-in Number (Toll Free): 1-844-695-5517

International Dial-in Number: 1-412-902-6751

Israel Dial-in Number (Toll Free): 1-80-9212373

Please request the “Nano Dimension NNDM call” when prompted by the conference call operator.

For those unable to participate in the conference call, there will be a replay available from a link on Nano Dimension’s website at <http://investors.nano-di.com/events-and-presentations>.

Netskope Surpasses \$500 Million in ARR, Continues to Take Share as More Enterprises Seek Market-Leading Security and Network Performance from Netskope’s Unified SASE Platform

3 June 2024

Netskope, a leader in Secure Access Service Edge (SASE), announced significant updates on its business momentum, as global demand for Netskope One, its industry-leading SASE platform, grows at an even faster pace than the broader cybersecurity market.

Among many notable achievements helping fuel its growth, Netskope’s company accolades and financial milestones to this point include the following:

- Grew customer base to over 3,400 customers worldwide, including 4 of the 5 largest Fortune 500 financial services companies, 4 of the 6 largest Fortune 500 healthcare companies, 4 of the 5 largest Fortune 500 telecommunications companies, and 2 of the 4 largest Fortune 500 retail companies that have adopted Netskope One capabilities

- Surpassed \$500 million in annual recurring revenue (ARR) at scale, with growth outpacing the SASE market^[1]
- Delivered critical AI capabilities in data and threat protection, safe enablement of generative AI applications, and numerous other areas, with more than 30% of Netskope customers having already fully implemented tools from SkopeAI, the suite of AI and machine learning solutions applied throughout the Netskope One platform
- Earned key authorizations and certifications to do business with federal governments and public sector entities around the world, including securing the stringent FedRAMP® High Authorization in the United States, Protected B Certification in Canada, and the Information Security Registered Assessor Program (IRAP) assessment in Australia
- With its proprietary NewEdge infrastructure, became the first technology vendor in the world to deliver a localized SSE experience to 220 different countries and territories, including every non-embargoed United Nations member state
- Developed and has continued to grow numerous successful go-to-market partnerships, including with major global systems integrators and managed services providers such as BT, Deloitte, Orange, Telefónica, Telstra, Wipro, and more, and critical alliance partners such as Amazon Web Services, CrowdStrike, Google, Microsoft, Mimecast, Okta, ServiceNow, and more
- Honored with countless industry awards, including a steady climb up the influential Forbes Cloud 100 list over seven years and counting, and ranked highest (#12) among security and networking companies in the most recent list (2023)
- Demonstrated ongoing commitment to critical environment, social, and governance initiatives, including a Silver Medal in recognition of its sustainability achievement from EcoVadis, the world's largest and most trusted provider of business sustainability ratings
- Launched Netskope for Good, a companywide program dedicated to supporting humanitarian and environmental sustainability work around the globe
- Recruited top executives from Amazon Web Services, Fortinet, Palo Alto Networks, Verizon and more

Why Netskope, Why Now

Work-from-anywhere models create expectations of easy, performant access to the SaaS, cloud, web, and private applications needed to run a productive business. But the associated surge in security threats and performance challenges have stressed legacy technology architecture to the point of ineffectiveness. As a result, organizations are seeking cloud-native, simple, and scalable solutions that stop threats, prevent unauthorized access to apps and data, and guarantee network performance. Teams are increasingly choosing SASE architecture to accomplish those objectives; Gartner estimates the SASE market will expand at a compound annual growth rate (CAGR) of 29%, reaching over \$25 billion by 2027^[2].

As a validated leader in SASE, SSE, and zero trust, Netskope helps organizations address their most critical cloud, SaaS, web, and private application security needs as well as their most persistent network performance challenges, all at once. The Netskope One platform enables both security and infrastructure and operations (I&O) teams to reduce risk, cost, and complexity as the only fully converged SASE offering that can deliver these capabilities using one engine, one client, one gateway, and one network.

“Netskope was founded on the idea that the entire enterprise strategy for protecting critical data from threats depends on how well security and networking adapt to a cloud-first, AI-ready world. Sure enough, as cloud and SaaS app adoption soared, businesses began changing their unreliable legacy technology stacks to reduce risks, lower costs, and implement modern architecture,” said Sanjay Beri, co-founder and CEO, Netskope. “We correctly anticipated that a converged, optimized platform approach would be needed to accomplish this, an opportunity now known as SASE. We have inspired confidence in companies all over the world that are adopting Netskope.”

Added Beri, “This is a significant period in Netskope’s journey, and it’s only the beginning of what we know we can achieve. We’ve proven our model and our customer win rate against much bigger technology companies, and we’ve maintained our unwavering commitment to make SASE and zero trust adoption an easy experience for any organization. We are so proud of our team, our customers, our investors, and our partners, and very excited for what’s ahead.”

Implementation Investments

AECOM awarded U.S. nationwide program management services contract to support FEMA’s disaster resilience efforts

3 June 2024

AECOM, the world’s trusted infrastructure consulting firm, announced that the U.S. Department of Homeland Security (DHS)’s Federal Emergency Management Agency (FEMA) has awarded AECOM a single-award professional services contract that has a one year base period with two one-year option periods that can be exercised at the government’s discretion to provide advisory and program management services to its four Consolidated Resource Centers (CRCs) in Winchester, VA (East); Denton, TX (Central); Sacramento, CA (West) and Guaynabo, Puerto Rico (Atlantic). Under the contract, AECOM will support FEMA’s Public Assistance grant program which is focused on repairing and/or replacing damaged public infrastructure after catastrophic disasters.

“The delivery of FEMA’s Public Assistance Program will allow state, tribal and local governments, and disaster relief nonprofits to quickly respond and drive the recovery of communities impacted by major disasters,” said Lara Poloni, AECOM’s president. “This critical work ties directly into our Sustainable Legacies strategy, rooted in our commitment to deliver a better world. Our vision, world-class technical teams, and leadership in disaster resiliency uniquely positions us to bring this critical program to completion.”

CRCs were established to improve the efficiency, precision, and transparency of FEMA's Public Assistance Program. AECOM will support FEMA's mission to validate, consolidate, collate, and review infrastructure projects, as well as provide technical support for Environmental Planning and Historical Preservation (EHP) and insurance. This critical work provides communities impacted from disasters with resources to recover more quickly. AECOM will also help FEMA meet and deliver their equity commitments, by providing critical disaster support to underserved communities.

"We're proud AECOM has successfully interacted with FEMA for more than 40 years on community resiliency initiatives," said Karl Jensen, executive vice president of AECOM's National Governments business. "Leveraging our team of highly skilled technical staff, many who have dedicated their careers to supporting FEMA's mission, AECOM is well positioned to enhance the delivery and processing of these federal grants to build better, stronger, more resilient infrastructure nationwide."

Bucher Emhart Glass embraces servitization with IFS Cloud

4 June 2024

IFS, the leading technology provider of enterprise cloud and industrial AI software, announced that Bucher Emhart Glass, the world's leading international supplier of glass container manufacturing solutions, is upgrading to IFS Cloud to accelerate its adoption of a servitized business model and enhance customer experience.

Bucher Emhart Glass expects that the upgrade to IFS Cloud will enhance the consistent flow of information within its international business processes and strengthen transparency and processes relating to data across the organization. IFS Cloud capabilities will directly support the company's ambitious servitization plan that aims to streamline operations for greater flexibility and assurance across the processes.

The importance of having a composable, cloud-based solution to achieve its goals was key to the decision to adopt IFS Cloud. By utilizing the added functionality of IFS Cloud Service Management, the company will also integrate process automation and predictive maintenance to increase productivity on its shop floor, enabling it to optimize the maintenance of its assets by identifying faults before they occur.

Reto Semadeni, CFO at Bucher Emhart Glass, said: "The decision to upgrade to IFS Cloud is a pivotal step in our ongoing pursuit of operational excellence and customer satisfaction. This transition is more than an upgrade; it's a reinvention of how we manage our processes, maintain our assets, and engage with our customers. With IFS Cloud, we are not just keeping pace with technological advancements; we are staying ahead of the curve, ensuring that Bucher Emhart Glass remains a leader in the industry through innovation and superior service delivery."

Bucher Emhart Glass will also be able to standardize its maintenance services with IFS Cloud, delivering maximal efficiency and driving predictably in its delivery of services to improve the customer experience.

Another motivation for upgrading was the ability to remain evergreen with IFS Cloud. This approach will create value for the company's transformation, with immediate access to continuous software innovations and improved visibility and control as it identifies new business opportunities surfaced by data-led insights.

Frank Beerlage, MD DACH & Benelux at IFS said: "We are thrilled to see Bucher Emhart Glass leverage the full potential of IFS Cloud. This move not only marks a significant milestone in their shift to servitization but also underscores our commitment to supporting our clients on this very important journey. Bucher Emhart Glass are currently undergoing rapid growth and as such are experiencing increasing demand. IFS Cloud will revolutionize their operational efficiency, helping them to meet their customers' needs now and into the future."

Bucher Emhart Glass has also purchased IFS Customer Engagement, which will empower support staff to deliver rapid service and provide a smoother installed base customer journey for orders, spare parts, and invoicing.

The scale of deployment will include 1,000 full users across 13 sites, with Arcwide supporting the implementation. Arcwide is a joint venture between BearingPoint and IFS that combines BearingPoint's world-class expertise in business technology consulting with IFS cloud technology and innovation.

EDF Teams with Accenture and Kraken Technologies to Accelerate Customer Transformation

3 June 2024

Accenture and Kraken Technologies are helping EDF's UK retail business accelerate the migration of customers to its new platform, enabling them to effectively manage their energy use and cost.

EDF has migrated over five million meter points in the UK onto Kraken, the technology behind Octopus Energy. Kraken integrates electricity and gas customers and operating data using advanced analytics, AI and machine learning.

"With Accenture and Kraken's support, we are reimagining a simpler, customer-centric business, so that our customers are equipped to make better energy choices," said Richard Hughes, Retail Energy Director, EDF in the UK. "This team's extensive technology and industry expertise advances our company's strategy of growing our base of energy-retail customers through digital transformation."

Scott Tinkler, a senior managing director and global Utilities lead at Accenture, added, "The leading utilities are laser-focused on strengthening and modernising their digital core so they can better manage the accelerated rate of change in the industry while increasing customer satisfaction. This transformation for EDF is a powerful example of how Accenture and Kraken team up to help our clients continuously reinvent their businesses to drive agility and unlock new value for their customers."

The work with EDF is enabled by a broader ecosystem partnership between Accenture and Kraken, through which Accenture will support organizations, scale the Kraken technology and deliver customer services globally.

Gavin Patterson, chairman at Kraken Technologies, said, "Kraken opens the door for affordable clean energy and outstanding customer service. Together, Accenture and Kraken can help EDF and other utilities and their customers benefit from a range of services, such as variable pricing when renewable energy sources are abundant, putting money back into people's pockets while alleviating pressure on the grid."

The companies will work to accelerate the global adoption of smart energy products, from wind farms to smart meters, through the AI-enabled tech platform, which integrates the energy value chain – ranging from energy usage and industry data to weather forecasts. This will allow utilities to reduce costs, manage customer energy usage more efficiently and improve services.

Built by the utility industry for the utility industry, the Kraken platform has been contracted to manage more than 54 million accounts globally through deals with energy companies including Octopus Energy, as well as water and broadband utilities.

Infosys collaborates with Nihon Chouzai to expand healthcare access in Japan

4 June 2024

Infosys, a global leader in next-generation digital services and consulting, announced its collaboration with Nihon Chouzai (TSE), Japan's leading dispensing pharmacy chain, to expand healthcare access in Japan with enhanced online medication guidance services and payment solutions. As part of this collaboration, Infosys has developed a mobile application, NiCOMS, a pioneering telemedicine service that enables patients to receive remote medication guidance from registered pharmacists, eliminating the need for pharmacy visits.

Nihon Chouzai in collaboration with Infosys launched the web version of NiCOMS in September 2020. With an existing registered userbase of over 1,800,000, the mobile application will now integrate with OkusuriTechoPlus, Nihon Chouzai's digital medication notebook, by merging the account and authentication processes. Infosys adopted an agile approach to develop the NiCOMS mobile app, allowing the company to nimbly adapt to evolving requirements driven by deregulation and COVID-19. The online medication guidance service on NiCOMS allows patients across Japan to receive medication instructions, consultations, and make payments during video calls with pharmacists. The responsive user interface enhances compatibility across a wide range of terminals, operating systems, and browsers, ensuring accessibility for all users and a smooth experience across devices.

Kunihiko Kurihara, Executive Officer, General Manager of IT Department, NIHON CHOUZAI CO., LTD., said, "Our collaboration with Infosys complements our best-in-class solution and gives it a new scale with the pioneering NiCOMS platform and its ability to bring positive experiences to our customers. What started a few years ago with the web version is now further strengthened by Infosys' agility and expertise in digital transformation, which has helped us realize our vision for a one-of-a-kind telemedicine service."

Hideyuki Aoki, Vice President, Country Head – Japan, Infosys, said, “Together with Nihon Chouzai, we are forging the future of digital healthcare in Japan through innovative solutions. This alliance will offer enhanced online medical services and increase access to quality pharmaceutical interventions, with an aim towards making significant impact at scale.”

Montane on Track to go ‘Further. Faster.’ with Centric PLM Launch

4 June 2024

Centric Software®, the Product Lifecycle Management (PLM) market leader, proudly announces that Montane, a high-performance outdoor apparel and equipment brand based in the UK, has successfully implemented Centric PLM™. Centric Software provides the most innovative enterprise solutions to plan, design, develop, source, buy, make, price, allocate, sell and replenish products such as fashion, outdoor, luxury, multi-category retail, grocery, food & beverage, cosmetics & personal care and consumer electronics to achieve strategic and operational digital transformation goals.

Montane has a rich history of innovation and for three decades has created the most innovative, lightweight and breathable ‘bleeding edge’ high performance apparel in the world. It boasts an expansive range of products for both men and women and reaches its global customer base through its e-commerce site and an outlet store in the UK. On the quest to go ‘Further. Faster.’ it has an aggressive international growth strategy, recently opening up to the US, Nordic, Japanese and European markets, and has a second outlet store set to open its doors in 2024.

“We are confident in our international growth targets, but in order to succeed, we needed more efficient processes in place,” says Marc Davis, Product Line Manager at Montane. “Within the outdoor industry, we are trying to achieve an elevated position and focus on the light, high performance product that has led to planned growth.”

Montane’s journey to adopt a PLM system began in 2022. The power to streamline product development processes, do away with ‘dozens of spreadsheets’ and maximize efficiencies across the company were top priorities. Montane selected Centric Software’s cloud-based PLM solution for small and mid-sized businesses, Centric SMB, and went live with the system in December 2023.

“A PLM system makes data more accurate; it makes workflows more consistent, and it generally makes the whole business run better,” says Davis. “Some of our team had previous experience working with Centric, so we were familiar with its powerful capabilities, and we knew we could trust it to transform our operations.”

Montane’s implementation was a major undertaking as the team manually input all their highly detailed, technical product data to ensure it was accurate from the start. Despite this, the process has been largely plain sailing with teams embracing the system as a positive change.

“Of course, adapting to a new system has its initial challenges,” explains Davis. “But the more people have used Centric, the more they genuinely enjoy it and see its inherent value.”

Today, the product development and operations teams are using PLM, with logistics and costing slated to come online in phase two.

“We are in the middle of our first live season with PLM and slowly, but surely, transitioning out of all of the old systems,” shares Davis. “The number of spreadsheets that are now discontinued because of Centric is vast, and we are definitely becoming very efficient at quite a quick speed.”

Davis emphasizes the value of the training sessions and responsive support provided by the Centric Software team, and the ability for Montane to be adaptable as the keys to a successful implementation.

“I think businesses implementing a PLM system need to be open-minded to change and know that the business needs to adapt to the system, as much as the system needs to adapt to the business,” says Davis. “Centric PLM is so intuitive and once you understand the solution, the simplicity of it comes out, and it makes life so much easier.”

“We are thrilled that Montane has successfully launched Centric PLM and streamlined their product development processes,” says Chris Groves, CEO of Centric Software. “We look forward to our long-term partnership and to Montane’s continued success as they expand the solution.”

Renesas and Indian Institute of Technology Hyderabad Sign Agreement to Accelerate India’s Semiconductor Independence

5 June 2024

Renesas Electronics Corporation, a premier supplier of advanced semiconductor solutions, and the **Indian Institute of Technology Hyderabad** (IITH) have signed a three-year memorandum of understanding (MOU) for research and collaboration in the field of VLSI and embedded semiconductor systems. The engagement with IITH professors and staff will focus on R&D and academic interactions with a goal to drive innovation in India’s semiconductor industry and advance the nation’s “Make in India” strategy.

The signing ceremony of the agreement was held on June 3, 2024 at the IITH in Telangana state between Malini Narayanamoorthi, Country Head of India and Senior Director of Engineering, Analog & Connectivity Product Group, Renesas, and Prof. B.S. Murty, Director, IITH.

The MOU will help the IITH foster talent development in support of India’s ambition to build a self-reliant semiconductor industry while enabling Renesas to add talented employees in India through closer collaboration with the country’s educational institutions to capture huge market opportunities.

Under the MOU, Renesas this year will begin supporting university course curriculum development, hands-on learning using Renesas development boards and various outreach programs designed to advance lab work and proof-of-concept projects. IITH engineering students will be eligible to apply for six-month Renesas internships and pursue full-time employment with the company.

“India holds significant importance within our business operations, and we appreciate its dynamic innovation environment and strong potential for growth,” said **Julie Pope, Senior Vice President and Chief Human Resources Officer, Renesas**. “We are delighted to partner with IITH in its goal to be the cradle for semiconductor innovation in India. We aim to strengthen India's semiconductor product ecosystem, and support the “Make in India” objective of providing increasing semiconductor content for India and the world.”

“Recognizing the importance of India at the forefront of the semiconductor industry in influencing the future, our collaboration with Renesas will provide a chance for our students to gain exposure and learn directly from Renesas experts about constructing products with cutting-edge technologies. IITH is pioneering several initiatives to foster talent development in Electronic System Design and Manufacturing (ESDM) sector across India. This synergistic collaboration is a booster to that effort. This is also a pathway for R&D collaboration as IITH boasts several expert faculty spanning across several departments who can co develop next generation electronic products with Renesas,” said **Prof. B.S. Murty, Director, IITH**. “The opportunity for employment at a leading global company is a tremendous additional benefit.”

Product News

ABB launches next-generation Robotics control platform OmniCore

4 June 2024

ABB Robotics launched OmniCore™, an intelligent automation platform that is faster, more precise and more sustainable, to empower, enhance and futureproof businesses.

The OmniCore platform, the result of more than \$170 million of investment in next generation robotics, is a step change to a modular and futureproof control architecture that will enable the full integration of AI, sensor, cloud and edge computing systems to create the most advanced and autonomous robotic applications.

“For our customers, automation is a strategic requirement as they seek greater flexibility, simplicity and efficiency in response to the global megatrends of labor shortages, uncertainty and the need to operate more sustainably,” said Sami Atiya, President of ABB’s Robotics & Discrete Automation Business Area. “Through our development of advanced mechatronics, AI and vision systems, our robots are more accessible, more capable, more flexible and more mobile than ever. But increasingly they must also work seamlessly together, with us and each other, to take on more tasks in more places. This is why we are launching OmniCore, a new milestone in our 50-year history in robotics; a unique, single control architecture – one platform, and one language that integrates our complete range of leading hardware and software.”

OmniCore’s class-leading motion performance delivers robot path accuracy at a level of less than 0.6mm, with multiple robots running at high speeds of up to 1,600mm per second. This opens new automation opportunities in precision areas such as arc welding, mobile phone display assembly, gluing and laser cutting. Overall, OmniCore enables robots to operate up to

25 percent faster and to consume up to 20 percent less energy compared to the previous ABB controller.

OmniCore is built on a scalable, modular control architecture that offers a wide array of functions to create almost any application imaginable, making it suitable for businesses embracing automation in existing and new segments, such as biotechnology and construction, amongst many others. With over 1,000 hardware and software features, customers can design, operate, maintain, and optimize operations easily. This is enabled by software features including ABB's Absolute Accuracy, and PickMaster® Twin, as well as hardware options spanning from external axis and vision systems to fieldbuses.

“The OmniCore difference is its ability to manage motion, sensors and application equipment in a single holistic unified system,” said Marc Segura, Division President ABB Robotics. “OmniCore opens the door to the entire ABB Robotics portfolio of hardware and software, in any combination under a single control platform, offering endless possibilities and more avenues for value creation. For example, OmniCore enables automotive manufacturers to increase production speed, offering tremendous competitive advantage, increasing press tending production from 12 to 15 strokes per minute to produce 900 parts per hour. As we celebrate our 50th anniversary in Robotics, we believe that OmniCore offers the potential for many more industry breakthroughs, empowering our customers across all sectors to meet the challenges that lie ahead.”

OmniCore is the latest development in ABB Robotics' 50 years of innovation, starting with the world's first microprocessor-controlled robot in 1974, the launch of RobotStudio® software in 1998 and the acquisition of Sevensense in 2024, to bring industry-leading AI-based navigation technology to its mobile robots.

Omnicore replaces ABB Robotics IRC5 controller which will be phased out in June 2026. ABB will continue to support its customers using IRC5 with spare parts and services through the remaining lifetime of the robot.

Atos launches Virtual Infrastructure Proficiency (VIP) Advisory services

5 June 2024

Atos announces the launch of Atos Virtual Infrastructure Proficiency (VIP) Advisory services. This new technology consulting offering will help companies assess their current virtual infrastructure and define a roadmap to deliver their vision for the future.

Whether clients want to keep their current solution, stay on-premises or migrate to a different cloud provider, these market-first virtual infrastructure consulting services will provide guidance on how to optimize the cost of virtual infrastructure and make it more secure, while embracing new technology trends and advancing corporate sustainability goals. The offering is available in Central Europe, Benelux, France, the United Kingdom and the United States.

As the infrastructure virtualization industry evolves quickly, Atos VIP Advisory addresses clients' concerns about identifying the potential paths for their large-scale migration and IT modernization initiatives and helps select the vendors to support the best approach. Because

there is no single answer to machine, server, storage and networking virtualization, this offering helps enterprises evaluate many potential alternatives that require multiple technologies.

Atos can help clients narrow their options to find the most suitable scope, whether they need to cover existing production workloads or new projects and future architecture. Atos's approach also allows clients to embrace new technology trends like containerization, which overcomes the limitations of traditional virtualization for enhanced agility, resource utilization, application portability and scalability.

The offering includes a thorough analysis of clients' IT infrastructure, business needs and objectives, evaluating their current infrastructure features like availability, carbon emission and resiliency with a focus on current cost and expected cost evolution. This diagnostic evaluation is complemented by tailor-made IT infrastructure value propositions, implementation and cost plans.

Leveraging their business insight and IT expertise, Atos consultants help enterprises better understand the technology environment as well as identify high-risk areas and process optimization opportunities. As a result, the effort required to manage complex virtual IT infrastructures is reduced, while resources can be reallocated to value-added business activities with a direct impact on cost optimization.

Stéphane Richard, Global Head of Technology Services, Atos said *"With Atos VIP Advisory, our goal is to continue to enhance our services to ensure that clients operate their businesses at peak efficiency, with a clear roadmap based on well-informed assessment and guidance."*

Aleksandra Tyszkiewicz, Head of Technology Consulting, Atos said *"Thanks to the 12-week assessment journey delivered by technology experts, Atos empowers clients to make operational and strategic decisions that will reduce the gap between their current virtual infrastructure and their target model."*

The assessment of virtual infrastructures is conducted by more than 100 consultants from Technology Consulting, a practice within Atos Technology Foundations. Their hands-on approach is backed by proven methodologies, a unique framework, global capabilities and local presence.

The Atos Technology Consulting practice leverages the abilities of a vast partner ecosystem, integrating industry-leading product-based solutions and services in a customized, best-fit approach.

Bluebeam Simplifies Access to Real-Time Collaboration

4 June 2024

Bluebeam, a leading developer of solutions and services for architecture, engineering and construction professionals worldwide, announced updates to Bluebeam Cloud that enables users to collaborate faster and easier through Studio Sessions on a web browser.

Together with recent enhancements for marking up files via the web, users now can collaborate in real time without needing to download Revu to a desktop. This allows both PC and Mac users frictionless accessibility to Studio Sessions.

“Bluebeam is focused on innovation and product enhancements that enable our customers to get their jobs done easier,” said Bluebeam Chief Technology Officer, Jason Bonifay. “Studio Sessions on web removes barriers for users by enabling collaboration from any device, anywhere, and we’re excited to continuously introduce features and product transformations to drive value for our customers.”

To further support effective collaboration from anywhere, Studio Sessions on mobile for iOS and Android, plus enhanced markup capabilities in Bluebeam Cloud will be available for users later this summer.

Configit Ace® 6.5 Enables Configuration Infrastructure Consolidation

6 June 2024

Configit, the global leader in Configuration Lifecycle Management (CLM), announced the **release of Configit Ace® 6.5**. Configit Ace® provides CLM-as-a-Service, a SaaS solution for enterprise-wide management of product variants and configurations throughout the lifecycle of the product portfolio. Based on open services and APIs that leverage the power of Microsoft Azure, **CLM-as-a-Service** establishes a shared-source-of-truth for product configuration data that is accessible by any user when and where they need it.

Configit Ace 6.5 provides manufacturers with the unique capability to **consolidate configuration logic from multiple systems across the enterprise** in a common format that can be consumed by any system supporting open API interfaces. This includes the ability to test and verify product models and rules, as well as identify conflicts and data duplication issues before product models are used in product configuration applications.

“C-level manufacturing executives are focused on increasing efficiency and managing cost,” said **Henrik Hulgaard, Vice President of Product Management, Configit**. “One of the areas of concern is the proliferation of IT systems with overlapping responsibilities leading to duplication of data that is unsynchronized. This can lead to data islands with conflicting data that requires time and manual effort to reconcile. This is a huge challenge to resolve.”

According to Configit’s experience across over 200 CLM implementation projects, **most IT organizations use three or more separate product configuration management tools** to manage different parts of their operations. Inconsistencies can lead to product development and delivery delays, quality issues and the risk of delivering the wrong product to the customer.

The Configit Ace® 6.5 release provides new capabilities that can help manufacturers to address these risks.

“**Configit Ace® is designed to provide a shared-source-of-truth for product configuration information**. One of the unique capabilities we provide is the ability to take existing product models, BOMs and pricing information from different systems and consolidate them in our Configit Ace® CLM-as-a-Service enabling them to be consumed by any application anywhere.

This not only provides a full overview of configuration options defined in different systems, but it enables verification of analysis to ensure there are no duplicates, inconsistencies or errors before release to the customer,” said Hulgaard.

New capabilities provided in Configit Ace® 6.5 release make consolidation, compilation and consumption of existing product models and rules from different systems easier, more reliable and secure.

This includes a **new Smart Compile service** that provides an open API allowing product models and rules from other systems to be converged and compiled as Virtual Tabulation® packages. This enables all product models and rules to be consolidated in a common format in one shared-source-of-truth and consumable by multiple systems and product configuration applications through a single, common Configit Ace® Configure API service.

The new capabilities available in Configit Ace® 6.5 are:

Smart Compile service

- Virtual Tabulation® enables all valid product configurations to be determined in advance using a compilation process. This allows a specific product configuration to be immediately validated using a simple lookup.
- With the new Smart Compile service, only changes in product models and rules need to be compiled, which dramatically reduces the time it takes to compile a product model.
- Configit Ace® provides unique test and verification capabilities that can be used to identify conflicts and issues in product models before they are released.

Smart Compile metrics

- Compilation metrics enable modelers to understand and control their own performance by providing insight into performance consequences of changes in models and rules.
- This includes the ability to run benchmark tests to predict compilation performance before release.

Richer System Level Rules

- Configit Ace® system-level models enable modularization and re-use enabling multiple hierarchies of sub-models to be associated with a parent product model.
- With Configit Ace®6.5, rich system-level rules make it easier to refer to individual sub-models and iteratively apply rules.
- This allows even the most complex product models and rules to be imported, compiled and verified using Configit Ace® Virtual Tabulation® technology.

Compare and Combine Solution Space Analysis

- Configit Ace® provides a unique capability to analyze all valid configurations, known as the Solution Space. Filters can be used to analyze the available valid options for specific parameters enabling product and portfolio optimization.

- With Configit Ace®6.5 it is now possible to compare different Solution Spaces as well as combine different Solution Spaces to enable more sophisticated analysis. This allows analysis across different product versions.
- For consolidated product models, it allows analysis of product models from different systems to compare available valid configurations. This enables streamlining of configurable options offered across systems along with rule definition to limit the number of options offered.

API versioning

- Configit Ace® provides a rich set of open APIs enabling system integration and synchronization. With Configit Ace® 6.5, versioning of APIs is now available.
- This enables systems using Configit Ace® API-based services to integrate using a specific version of the API that will remain stable when Configit Ace® is upgraded to new versions.
- Manufacturers can then plan and control migration to the latest version of the API when this makes sense.

Compatibility with IGA systems supporting OIDC

- Configit Ace® supports OpenID Connect enabling support for externally defined roles and access policies defined in Identity Governance and Administration (IGA) systems.
- This provides more secure and controlled access to Configit Ace® services with full transparency and control.

DXC Technology Launches Groundbreaking DXC Fast RISE with SAP to Expedite S/4HANA Value for Customers

31 May 2024

DXC Technology, a leading Fortune 500 global technology services provider, announced its new DXC Fast RISE with SAP service, which enables customers to dramatically accelerate their S/4HANA projects and to realize the extensive value provided faster than ever before.

DXC Fast RISE with SAP allows customers to complete SAP deployments in less than twelve months so that businesses can achieve quicker time-to-value. The service is designed to be scalable, allowing clients to adapt and grow without significant disruption. By streamlining the implementation process, businesses can lower their total cost of ownership associated with SAP adoption.

“DXC is using its unmatched history and trusted client relationships and with SAP to innovate at a world-class level,” said Keith Costello, General Manager and Global SAP Lead. “This solid foundation for the SAP service line underpins our ability to distinguish DXC in the SAP ecosystem as demonstrated by our first-to-market capabilities and unparalleled IP across multiple industries. With DXC Fast RISE with SAP, we look forward to partnering with clients to deliver the tremendous value of SAP S/4HANA faster.”

"At SAP, we're excited to see the growth and investment in the SAP service line within DXC Technology, highlighting its commitment to expanding its global reach with our purpose-built SAP solutions. Our enduring, trusted partnership with DXC forms a solid foundation for global growth and provides an opportunity for DXC to lead with proven delivery capabilities and future-ready innovations," says Lloyd Adams, President of SAP North America.

"DXC Technology's Fast RISE with SAP program includes a broad assessment that helps clients to understand the full scope of the RISE with SAP transformation program. The result may be a 12-month project to migrate legacy SAP systems to S/4HANA in the cloud. It may also include additional projects to address the full scope discovered in the assessment," said Brian Wood, Research Director, IT Consulting and Systems Integration Services, IDC.

DXC recently received the America's SAP User Group (ASUG) Innovation Award for the DXC Fast RISE with SAP implementation at Energy Harbor and have since completed additional deployments in Europe.

EON Reality Unveils Exciting EON-XR June Product Release: Cutting-Edge Updates and New Features!

5 June 2024

EON Reality, the world leader in AI-assisted Virtual Reality and Augmented Reality-based knowledge transfer for industry and education, is thrilled to announce the latest enhancements to its EON-XR platform. This release brings a host of new features designed to revolutionize user experience, speed, and capabilities.

"This June, EON Reality continues to pave the way in digital education transformation," remarks Dan Lejerskar, Chairman of EON Reality. "Our latest EON-XR update is central to our mission to make knowledge more accessible than ever. With advancements like the integration of the GPT-4o model and customizable AI assistants, we're not just keeping pace with technology—we're defining it."

EON SoftSkills Upgraded: Faster, Smarter, More Engaging

The EON SoftSkills module has been significantly upgraded, now powered by the advanced GPT-4o (Omni) language model. This transformation delivers:

- 2-5x speedup compared to the previous version in response times and token generation.
- Enhanced roleplay and logical reasoning capabilities, providing more natural and engaging interactions within the AI Roleplay Avatars.

Introducing the EON-XR Portal: Custom AI Assistants at Your Fingertips

EON Reality proudly presents the EON-XR Portal, an innovative add-on product that allows users to create, modify, and deploy custom AI Assistants with ease:

- Utilize intuitive natural language prompts to tailor AI Assistants.

- Leverage the power of spatial computing for seamless interactions between AI Assistants and physical or virtual environments.
- Develop specialized AI solutions for domains such as sales, support, safety, storytelling, and quests.

Edit EON AI Ready: Functionality Improvements for Enhanced User Experience

Responding to user feedback, EON Reality has made significant improvements to the edit functionality in EON AI Ready:

- Easily replace AI Generate 3D or 360 elements while preserving annotations, ensuring a seamless update process.
- These enhancements aim to deliver a more user-friendly and efficient editing experience.

Image Input for Lesson Building: Creating Interactive Learning Experiences

EON-XR now supports lesson building using images:

- This feature, closely related to intelligence scanning, allows for the creation of engaging and interactive learning experiences.
- Simply upload an image, and the platform will assist in creating a captivating EON-XR lesson around it.

EON-XR Unveils Automatic Collision Detection for Enhanced 3D Simulations

The new Automatic Collision Detection feature ensures realistic interactions in simulations by preventing avatars from passing through individual items and complex environments. This enhancement makes virtual training, education, and walkthroughs more immersive and effective.

EON-XR Enhances Immersion with Blockade Labs' AI-Generated 360 Environments

EON-XR now offers improved support for AI-generated 360 environments. The integration of Blockade Labs' new Model 3 provides superior realism, higher quality, better control, and native 6K resolution, ensuring a more immersive and visually stunning experience in educational and training simulations.

ESTECO design system is now public

4 June 2024

As announced at the ESTECO International Users' Meeting 2024 in Trieste, we're thrilled to share that SOUL, our design system, is now publicly available.

SOUL is a collection of visual parts, user interface components and content guidelines that are used by designers and engineers to build consistent and quality experiences at scale, efficiently. We use SOUL to design and build the user interfaces of all our web-based products, including VOLTA, Cardanit, product user guides, mobile apps and websites.

The public release of SOUL makes us push towards higher quality experiences, enables us to be

transparent and attracts talent who share our commitment to quality.

ESTECO users can take advantage of SOUL and VOLTA APIs to create web apps, mobile apps, web-based desktop apps that work with VOLTA and extend VOLTA capabilities by offering a seamless and personal user experience across ESTECO products and their apps.

Key Features of SOUL:

- **Visual foundations:** The basic elements that ensure visual and functional consistency across all digital products — like colors, typography, iconography and space.
- **User Interface components:** The building blocks you can use and combine to create web-based applications. Components are available as Web components, HTML code and CSS classes, Angular components.
- **Extensive documentation:** A documentation website that guides designers and developers who use SOUL assets and components.
- **Playground:** A web editor that allows you to quickly prototype with SOUL.
- **Regular updates:** improvements and updates to keep the design system aligned with the latest design trends and technological advancements.

Expanded Materials and Technology Updates Bring New Opportunities for Stratasys Customers to Boost Their Additive Manufacturing Capabilities

6 June 2024

Stratasys Ltd. is announcing updates to several Industrial and Healthcare Business Unit products and Stratasys Direct. These include a new open platform for the F900™ 3D printer, more on-demand 3D printing capabilities and a new high-performance material for its Fused Deposition Modeling line.

These new products and updates address customer feedback and are designed to unlock more opportunities and functionality for additive manufacturing capabilities. It is anticipated these enhancements will accelerate the speed of bringing products to market.

OpenAM comes to the F900

Stratasys OpenAM™ is a software application that enables the user to modify machine controls to achieve results beyond standard print settings. Already available for the Fortus 450® mc printer, Stratasys is now making its OpenAM software available for the F900 printer. This will allow for expanded functionality and capabilities and will unlock new materials for F900 users.

New VICTREX AM 200 material for FDM

A new material offering that opens the application potential for demanding industries like aerospace and medical, where material properties are critical components of a 3D-printed solutions. This new high-performance, high-strength, validated material, VICTREX AM™ 200, will be available for the Fortus 450mc and the F900. VICTREX AM 200 is a PEEK-based polymer that is temperature, corrosion, and chemical resistant, with excellent mechanical properties which can be utilized with soluble and breakaway support material.

Carbon Fiber Visual Print Option for the F-Series

Carbon Fiber Visual Print Option is a new 5-slice (0.005”) layer height across the F-123 Series™ line of printers that is coming later this month for FDM® ABS-CF10. It produces a smoother surface finish, to provide the perfect finish when a part’s visual appearance is important to the application. It is built for applications that demand the durability of a carbon-filled polymer, but also requires a visually appealing result without additional post-processing.

F770 Adds New Colors

The F770® printer can now print in multiple colors, in addition to its original single ivory color. Six new ASA colors, including red, white, light gray, black, blue, and yellow, will allow for more application versatility with FDM® ASA and ABS-M30 tried-and-true engineering plastics. The new colors enable printing without painting or other post-production marking, allowing parts to be available much faster, increasing productivity.

Somos NeXt Validated for SLA

Somos® NeXt™ is now a validated material for Stratasys NEO® stereolithography 3D printers. Somos NeXt is a resin with superior strength and can be used in automotive and consumer products, along with other applications, including prototyping, to produce durable, accurate and detailed parts.

New GrabCAD Software Print Integration Enhances On-Demand 3D Printing Capabilities

Stratasys has introduced Parts on Demand by GrabCAD, a new integration that synchronizes the company's software platform with Stratasys Direct. This addition allows GrabCAD Print™ customers to access Stratasys Direct’s fleet of 3D printers, allowing for larger and more intricate designs, a selection of more than 50 engineered materials, and the assurance of stringent quality inspections.

“In making these upgrades and enhancements, we are taking and applying feedback from our customers to help them better meet their additive manufacturing needs,” **said Rich Garrity, Chief Industrial Business Officer, Stratasys.** “Additive manufacturing is on the cusp of a new era, where it works side-by-side with traditional means of manufacturing. Bringing new products and updates, increases our ability to become part of the manufacturing ecosystem.”

Flexxbotics Delivers Robot Compatibility with Renishaw Machine Tool Probes for In-Line Inspection

4 June 2024

Flexxbotics, delivering workcell digitalization for robot-driven manufacturing, announced advanced robotic machine tending compatible for in-line inspection with connectivity for the entire range of Renishaw inspection probes. Now, companies can enable robot-driven manufacturing with Flexxbotics using Renishaw to achieve precision quality with six sigma consistency and greater capacity.

Flexxbotics’ patent-pending FlexxCORE technology enables the robots to securely connect and communicate with Renishaw equipment. With Flexxbotics the robots receive closed-loop feedback based on automated inspection results enabling real-time adjustments to CNC

machine programs for autonomous process control. With in-line inspection, Flexxbotics orchestrates the fleets of production robots in the smart factory to achieve continuous unattended operations enabling higher yields, greater throughput and increased profit per part.

Flexxbotics compatibility includes Renishaw's standard-accuracy and high-accuracy machine tool touch probes including optical transmission probes, radio transmission probes, lathe probes, modular probes and hard-wired probes, as well as, Renishaw on-machine scanning probes with SPRINT™ technology. Flexxbotics is also compatible with Renishaw contact and non-contact advanced laser tool setting systems and broken tool detection systems.

"We understand the crucial role that in-line inspection technologies play in enabling autonomy in the smart factory by providing the closed-loop feedback required for autonomous process control," said Tyler Modelksi, CTO and Co-founder of Flexxbotics. "That's why we have focused on making all types of inspection equipment such as probes, vision systems, lasers and gauges, CMMs and more interoperable with the CNC machines and production robots, essential for robot-driven manufacturing."

Flexxbotics robotic workcell digitalization is the backbone of the Smart Factory, delivering robot-driven manufacturing at scale with autonomous process control for continuous operations. Flexxbotics' SaaS/hybrid architecture runs both online and offline so production continues with or without internet access, and Flexxbotics works with existing business systems such as CAD/CAM, DNC, SCADA/HMI, IIoT, MES, ERP, PLM and others for comprehensive process integration.

A full set of bi-directional communications, transforms and routing capabilities are available in Flexxbotics for the inspection tools, robots, and machinery that are connected including loading programs, sending instructions, updating parameters and status awareness depending on the machinery's capabilities so the robots drive the Renishaw equipment along with the CNC machines and other assets in the smart factory.

"With Flexxbotics the robots do more than simply monitor the machines, the robots run the machines and inspection equipment at your command with closed-loop quality for higher yields and continuous operations," said Tyler Bouchard, CEO & Co-founder of Flexxbotics. "We believe the rapid advancement of robot-driven manufacturing is transforming the smart factory forever."

HCLTech infuses GenAI into MRO solution to redefine enterprises asset utilization

29 May 2024

HCLTech, a leading global technology company, has added generative AI (GenAI) capabilities to its maintenance, repair and overhaul (MRO) solution, iMRO/4 to help enterprises raise the performance and efficiency of complex, high-value assets in transportation, technology, energy, and aerospace and defense.

HCLTech will launch a GenAI bot to kickstart the AI integration on iMRO/4. The GenAI bot is aimed at streamlining and simplifying service instructions for users and significantly shortening complex asset maintenance processes in SAP S/4HANA.

In the next phase, the GenAI-infused iMRO/4 will enable a comprehensive natural language inspection and repair findings report based on operative data within SAP S/4HANA.

“With GenAI enhancements embedded within existing processes, HCLTech iMRO/4 will go even further to help our clients in asset intensive industries achieve greater efficiency, enhance asset utilization and reduce cost,” said Sadagopan Singam, Executive Vice President, Digital Business, HCLTech.

HCLTech’s iMRO/4 provides enterprises with a comprehensive set of highly advanced and tightly integrated MRO capabilities. It helps enterprises improve their processes across the maintenance lifecycle, including engineering, operations, scheduling, supply chain, customer engagement and support.

HCLTech is a global SAP EAM partner and SAP co-development partner for complex MRO operations, harnessing new technologies such as connected assets, geo-spatial databases, predictive analytics, machine learning, mobility and AI to optimize business processes for enterprises.

HCLTech’s iMRO/4 earns SAP Premium Qualification

3 June 2024

HCLTech, a leading global technology company, has announced that iMRO/4, its maintenance, repair and overhaul (MRO) solution for clients in the transportation, utilities, hi-tech, energy and aerospace and defense industries, has earned Premium Qualification for SAP Solution Extensions on the SAP S/4HANA 2023 version.

The qualification recognizes HCLTech’s commitment to providing enterprises with a stable solution for managing and maintaining high-value assets that complies with SAP standards and enables future innovation including AI development.

The iMRO/4 suite of products extends SAP Enterprise Resource Planning (ERP), Enterprise Asset Management (EAM) and Intelligent Asset Management (iAM) capabilities, helping enterprises improve their processes across the maintenance lifecycle, including engineering, operations, scheduling, supply chain, customer engagement and support.

“The SAP Premium Qualification for iMRO/4 on the latest SAP S/4HANA version marks a significant milestone in our 15-year journey of innovation and excellence alongside SAP. This accomplishment reinforces our commitment to advancing technology and delivering exceptional solutions to our clients,” said Sadagopan Singam, Executive Vice President, Digital Business, HCLTech.

Honeywell Integrates Artificial Intelligence Into Its Guided Work Solutions To Improve Retailer Performance

4 June 2024

Honeywell announced an update to incorporate artificial intelligence (AI) and machine learning into its Guided Work Solutions to help bring greater operational efficiency and better shopper experiences to retailers in today's competitive landscape. Honeywell Guided Work Solutions' AI-driven speech technology enables in-store associates to perform tasks like click-and-collect order fulfillment, shelf restocking and returns processing with speed and efficiency. The development of an AI-enhanced solution to streamline retail operations also supports Honeywell's portfolio alignment to three compelling megatrends: automation, the future of aviation and energy transition.

By combining headset-enabled speech direction with software that offers insights and analytics built on Honeywell Forge architecture, the updated solution walks retail associates through workflows in real-time. Associates simply talk into a hands-free headset and then receive specific directions and confirmation they are selecting the right items. With the integration of AI, the solution can understand employees' speech in more than 48 different languages, despite variations in tone, dialect and pronunciation.

"The retail landscape has undergone a significant transformation, particularly with trends like buy online, pick up in-store and the advent of highly personalized shopping experiences," said David Barker, president of Honeywell Productivity Solutions and Services. "As retailers seek ways to improve their operational performance and enhance the customer experience, Guided Work Solutions is the ideal tool to accomplish these goals. It harnesses the strengths of AI technology to empower retail associates to serve in-store customers in a more efficient manner."

Honeywell Guided Work Solutions helps retailers build a competitive advantage and optimize daily operations by increasing productivity, decreasing training time and cutting out-of-stock items on shelves, thereby facilitating potential for greater in-store sales. Since launching Honeywell Guided Work Solutions in 2018, it has enabled retailers to improve productivity by more than 30% over radiofrequency (RF) scanning and to reach upwards of 99% accuracy in product picking.* As a result, store managers can make improved use of limited labor resources by leveraging time savings to reallocate their workforce to other value-added activities or to increase the number of orders fulfilled within the same timeframe.

Informatica Launches New Generative AI and Snowflake Native App Offerings on the Snowflake AI Data Cloud

4 June 2024

Informatica, an enterprise cloud data management leader, announced at Snowflake's annual user conference, Snowflake Data Cloud Summit 2024, Native SQL ELT support for Snowflake Cortex AI Functions, the launch of Enterprise Data Integrator (EDI) and Cloud Data Access Management (CDAM) for Snowflake. These new offerings on the Snowflake AI Data Cloud will

enable organizations to develop Generative AI (GenAI) applications, establish streamlined data integration and provide a centralized, policy-based access management, simplifying data governance and ensuring control over data usage.

“We are excited to continue strengthening our ongoing collaborative relationship with Snowflake,” said **Pratik Parekh, SVP Product Development for Informatica**. “At Snowflake Summit last year, we unveiled Informatica Superpipe for Snowflake, revolutionizing the industry with 3.5x faster data integration and replication. This year, we're continuing the momentum by unveiling our latest innovations, aimed at making it easier than ever for customers to access fast, secure and reliable data in Snowflake and leveraging the new Cortex AI features.”

New capabilities include:

Native SQL ELT for Cortex AI Functions now supports new GenAI capabilities following the recent launch of Native SQL ELT for Snowflake at Informatica’s recent conference, Informatica World. In addition to the 250 Native Snowflake functions initially supported, Native SQL ELT now supports Cortex AI Native GenAI functions. With this new integration, Informatica’s Intelligent Data Management Cloud (IDMC) customers can incorporate Cortex AI Functions as part of their IDMC no-code data integration and data engineering pipelines running natively on the Snowflake AI Data Cloud.

Enterprise Data Integrator (EDI) establishes Informatica as one of the first ISV Partners to provide a fully functional Snowflake Native App. Leveraging a Streamlit in Snowflake built user interface and Snowpipe Streaming, EDI seamlessly integrates Snowflake Native App framework for quicker discovery and data loading. The EDI service is free for 30 days to allow users to experience the product before they buy.

CDAM for Snowflake delivers policy-based access management, providing a centralized control plane for both data governance and access. It seamlessly combines data access control with classification, discovery and cataloging tools, leveraging metadata to automate processes. With an intuitive policy authoring interface, it simplifies enterprise-wide data access management. Fully integrated with Cloud Data Integration and Cloud Data Marketplace, it offers automated contextual controls on data usage and sharing.

“The Informatica and Snowflake collaboration enables seamless integration and high-speed data replication that has assisted us in our digital transformation and built confidence and trust in this powerful partnership. We’re genuinely excited about the future possibilities this collaboration unlocks, and look forward to leveraging the new features and functions that the partnership provides,” said **Jeff Gibson, VP of IT US and Canada, Brink’s U.S. | A Division of Brink’s, Incorporated**.

“Informatica’s ongoing partnership with Snowflake is strengthened through the early adoption of Cortex AI for Generative AI Applications, as well as the launch of EDI and CDAM for Snowflake,” said **Prasanna Krishnan, Snowflake’s Head of Collaboration and Horizon**. “Our mission to enable customers to bring AI and apps to the data is strengthened by our partner ecosystem. Snowflake’s partnership with Informatica enables customers to bring advanced data processing capabilities to their data in the AI Data Cloud.”

By leveraging the Snowflake AI Data Cloud, Informatica is joining Snowflake in mobilizing the world's data to help organizations to build fast and secure data pipelines for new Generative AI applications.

Introducing Applied Intuition Copilot

5 June 2024

We are announcing the general availability of Applied Intuition Copilot, a generative AI chatbot that provides users of Applied Intuition's development platform proactive assistance in a natural language interface, empowering them to develop advanced driver-assistance systems (ADAS) and automated driving (AD) software in the most intuitive and efficient way. Applied Intuition Copilot leverages large language models (LLMs), retrieval-augmented generation (RAG), and other specialized models like diffusion and perception foundation models to provide context-aware answers and accelerate critical tasks like scenario creation and test analytics. For example, using Applied Intuition Copilot, development teams can create simulation scenarios up to 40 times faster.

ADAS and AD Development Tools

ADAS and AD systems are a critical point of differentiation for consumer vehicles and are becoming increasingly vital for commercial vehicles, whether for trucking, construction, mining, defense, or other industries. This poses a challenge to historically hardware-focused original equipment manufacturers (OEMs) and Tier 1 suppliers, as ADAS and AD systems are safety-critical, complex systems that rely heavily on both vehicle hardware and software. Handling this complexity requires OEMs and suppliers to reinvent their development workflows, which in turn often require new development toolchains.

Applied Intuition has spent over half a decade building its toolchain to accelerate the safe development of ADAS and AD systems, with its tools now supporting 18 of the 20 top global automotive OEMs and a number of enterprises and startups across other industries. These tools assist engineering teams from the early stages of system definition and development through verification, validation, and homologation, and are used by developers who write software for everything from perception to controls.

While our ADAS and AD development platform and analogous tools provided by other suppliers have improved system safety and saved developers countless hours to date, many teams across the automotive, autonomy, and robotics industries still struggle to use their tools effectively. Tools can be complex to learn, especially for non-technical users, and can require hours of manual work to complete critical tasks like scenario creation and log triage. These challenges dissuade teams from adopting new workflows and reduce the impact tools can have on program velocity.

Introducing Applied Intuition Copilot

We built Applied Intuition Copilot to tackle the usability and productivity challenges our customers have historically faced when using our ADAS and AD development platform or toolchains provided by other vendors. Copilot leverages generative AI to provide the following

benefits to users of Applied Intuition Object Sim, Sensor Sim, Validation Toolset, Data Explorer, and a number of other products:

Maximize productivity with intuitive natural language interfaces

Applied Intuition Copilot provides intuitive natural language interfaces that empower developers to control Applied Intuition's tools in a conversational manner rather than with code or powerful but sometimes complex graphical user interfaces (GUIs). This simplifies the onboarding process for all users as they can simply ask a question or provide a goal and have it answered or accomplished. It also makes the toolchain accessible to non-technical users who previously struggled to interact with code or domain-specific languages like SQL and YAML.

Accelerate development with task automation

Beyond providing the ability to control tools with natural language, Applied Intuition Copilot also automates time-intensive tasks so that engineers can get time back to focus on other activities. Generative models automate scenario creation, map creation, log tagging and triage, and a number of other common tasks. For example, teams can create scenarios up to 40x faster using Applied Intuition Copilot.

Enhance system safety with proactively generated insights

Applied Intuition Copilot goes beyond simply reacting to user commands and looks to proactively surface insights into system performance or actions that could improve development productivity. For example, Applied Intuition Copilot can automatically analyze drive logs to identify objects not captured in the current operational design domain (ODD) taxonomy and process simulation test data to identify coverage gaps or common failure modes and suggest new simulation scenarios that address them. Ultimately, Applied Intuition Copilot looks to augment the productivity of ADAS and AD development teams and ensure they are building safe systems.

Netskope Revolutionizes SaaS Security Leveraging the Power of Generative AI

5 June 2024

Netskope, a leader in Secure Access Service Edge (SASE), announced groundbreaking SaaS security enhancements to Netskope One, its cloud-native platform that offers converged security and networking services to enable SASE and zero trust transformation. These new enhancements advance the platform's already industry-leading Cloud Access Security Broker (CASB) module with additional features designed for the era of Generative AI (genAI) and SaaS collaboration. Netskope One natively integrates SSPM, inline, and API CASB functionalities together with a suite of AI capabilities, enabling organizations to get the most out of SaaS applications while proactively protecting sensitive data, whenever and wherever it travels.

SaaS apps are the backbone of productive enterprise business operations and require the most granular risk visibility possible—especially as genAI app adoption skyrockets. Netskope's 2024 Cloud and Threat Report found that enterprise employees interact with an average of between 11-33 cloud apps per month and saw genAI app usage increase by 400% year over year. The increased reliance on these apps, and their more consistent usage, is putting a significant strain on legacy CASB solutions, which tend to rely on manually-intensive approaches

for identifying applications and classifying their specific risks. Furthermore, many of these outdated tools are more difficult and complicated to manage and fail to provide the deeper intelligence and richer context needed to consistently discover and take action on current and emerging data security risks.

As a natively converged platform, Netskope One helps teams reduce security gaps, address new risks, reduce cost and complexity, increase protection, and accelerate everything to everywhere. In addition to being the industry's first SSE leader to leverage genAI in SaaS security, Netskope also leverages the platform's advanced, context-driven data loss prevention (DLP), and provides an easy-to-manage solution that delivers the industry's:

- First genAI-powered CASB, which employs precise genAI algorithms for automatic risk scoring of new and previously unseen SaaS apps, on-demand risk categorization for novel SaaS applications identified by security teams, and LLM-driven risk insights for SaaS applications, simply available via natural language queries
- Most advanced and context-driven cloud DLP, covering over 1,800+ different file types, leveraging over 3,000+ data identifiers, ML and deep learning, AI, Natural Language Processing (NLP), convolutional neural-networks and groundbreaking trainable ML for data classification and much more
- Best-unified and most-automated platform aimed at making SaaS security management effortless and undemanding, thanks to shared risk intelligence across CASB inline, API and SSPM, a unified dashboard with deep visibility into users and privileges, natively unified policy framework, and ML-driven alert prioritization using risk correlation

“As a recognized leader in SASE and zero trust, Netskope provides a modern approach to SaaS security, including unprecedented capabilities that unite key SSE controls and collation of intelligence,” said John Martin, Chief Product Officer, Netskope. “Netskope One is the first converged platform that uses AI to keep pace with the SaaS and genAI app explosion, categorizing new apps and their risks faster, more granularly, and more accurately than any other solution in the market.”

NextLabs Data Access Enforcer Exceeds 100 Enterprise Applications Supported

27 May 2024

NextLabs announced the release of new additions to its Data Access Enforcer (DAE) product line, along with the certification of more applications for no-code, out-of-the-box integrations, now totaling over 100. This update brings the dynamic enforcement of NextLabs Zero Trust Data-Centric security policies to an expanded range of enterprise and cloud applications. DAE prevents wrongful disclosure and protects data through attribute-based access control (ABAC) policies that are dynamically enforced at runtime, ensuring proper security controls are applied seamlessly and transparently regardless of the method of access.

New additions to the DAE product line include:

- DAE for SAP Manufacturing Execution

- DAE for SAP Analytics Cloud
- DAE for SAP Solution Manager
- DAE for Atlassian Confluence
- DAE for Atlassian Jira
- DAE for Atlassian Bitbucket
- DAE for Atlassian Bamboo

DAE functionality has also now been certified to work out-of-the-box with the following database and reporting tools:

- SAP Crystal Reports
- SAP HANA Cockpit
- Toad
- DBeaver
- Tableau
- Microsoft Power BI
- Microsoft SQL Server Management Studio
- Oracle SQL Developer
- Oracle Reports Builder
- Oracle SQL*Plus
- Qlikview
- IBM Cognos
- Any other SQL query tool

In addition, NextLabs has released new versions of existing DAE products to allow them to work with more products out-of-the-box with no code required:

- DAE for HANA 2024
- DAE for Oracle DB 2024
- DAE for PostgreSQL 2024

These integrations and enhancements extend NextLabs' existing suite of DAE products, which include:

- DAE for SAP ERP (ECC and S/4HANA)
- DAE for SAP HANA
- DAE for SAP BW & SAP BW/4HANA

- DAE for Windows
- DAE for Linux
- DAE for Oracle DB
- DAE for Oracle ERP
- DAE for Microsoft SQL Server and Azure SQL
- DAE for PostgreSQL
- DAE for Google BigQuery

DAE addresses the challenge of protecting data without breaking existing integrations and configurations with the applications by evaluating and enforcing policies at the data access layer. Key functionalities in DAE include:

- Real-time enforcement of attribute-based access policies
- Field-level data masking
- Record-level data segregation and filtering
- Granular enforcement of DML actions
- Centrally managed policies
- Centralized monitoring and auditing
- Out-of-the-box integrations with almost any enterprise application

When combined with DAE's centrally managed policies that determine who, what, when, where, and how, to mask field(s) and filter record(s) based on attributes in real-time, organizations can prevent unauthorized access, protect data, and address compliance requirements all with a single solution. DAE's container-based architecture and out-of-the-box (OOTB) support for cloud & enterprise applications and databases enable it to be implemented with minimal impact to existing systems and business operations, transparent to the end user, hence providing fast time to value.

Advantages of NextLabs DAE include:

- Support for field-level dynamic data masking and encryption, record-level filtering and segregation, and attribute-based access control of database operations all within a single product.
- Centrally managed attribute-based access control (ABAC) policies allow for data-centric security policies to be consistently applied across the entire enterprise.
- No-code integrations with business applications means rapid deployments and fast time to value (TTV).
- Built on Zero Trust Architecture (ZTA) and powered by an industry-leading dynamic authorization Policy Engine that enforces policies in real-time without custom code

- Significantly lower cost of management and rapid time-to-value, offering enterprises ability to keep up with the rapidly evolving data security needs.
- Policy enforcement independent of App, UI, API, microservice, batch job, ad-hoc query, and report.
- Simplify compliance management by tracking and storing data access activity across applications in a central audit server, providing analytics for user behavior and access patterns via dashboards, reports, and automated monitoring facilities.

“Our goal is to allow our customers to enforce Zero Trust Data Security policies out of the box on any enterprise application and any data store,” said Keng Lim, CEO and Founder of NextLabs. “With the release of these new DAE products and integrations, we move closer to our mission of providing zero-code data protection anywhere and everywhere, by providing our customers with a Zero Trust Data-Centric Security solution with the best user experience and the flexible deployment options to fit their enterprise environment.”

progeCAD 2025 With Parametric Block Editor and New AEC BIM Tools Released on CADDIT.net

28 May 2024

CADDIT announces the release of progeCAD 2025. Multiple useful features have been added, including a completely new Parametric "Advanced Block" editing mode, a new set of AEC BIM design tools, improved REVIT and IFC compatibility, Rubber Sheeting and many other brand new functions and commands, as well as further performance and reliability optimizations. CADDIT has been supporting Australia and New Zealand design software and training needs for over fifteen years, with localized support for architects, builders, electricians, industrial designers and safety engineers. progeCAD is a robust general-purpose 2D / 3D technical drawing and CAD program with excellent AutoCAD compatibility and flexibility to suit drafting needs ranging from civil engineering and mining to product manufacturing and fabrication.

progeCAD's new parametric block authoring offers very similar commands to that found in AutoCAD. Designers have a selection of parametric constraints which can be applied to multiple selected entities withing the block editor, including point-position, linear, polar association, XY coordinate location, circular rotation, flipping, alignment and more. Different actions can be combined with these constraint definitions for capturing powerful design and intent logic within the block. Dynamic blocks created with AutoCAD® can be used directly, and remain so until imported to the progeCAD block editor. where it will be automatically converted into a progeCAD "Advanced Block". Advanced blocks created with progeCAD can be seen by other CAD programs, such as AutoCAD®, but again only as simple blocks (without proprietary progeCAD parametrics).

The new 3D AEC Architectural module is compatible with AutoCAD® AEC Objects. The new AEC package allows you to draw 3D architectural elements with a two-dimensional view in plan and takes advantage of a whole series of new Architecture style commands. The drawn entities are now specific AEC elements editable and configurable via the Styles management. By default it

replaces our previous EasyArch architectural plugin which still remains available and can be activated with the variable AECMODE. New AEC features include:

- Draw walls, doors, curtain walls, windows, stairs and railings
- Draw slabs, roofs, or roof slabs
- Walls and Slabs can be created by direct conversion of 2D entities
- Multi-level manager to assign levels to AEC entities. Levels contain default settings for bottom and top elevations, wall height, on/off status, lock/unlock status, freeze/thaw status, offset, and other settings for walls and plane symbols
- Attach Roof and Ceiling plane symbols to walls and reference them while interactively creating roof and ceiling planes using the plane solve command
- AEC Styles manager: manage & customize AEC Styles for Walls, Doors, Windows, Curtain Walls and Curtain Wall Units, stairs and railings, and slabs
- AEC Family – imports AEC objects style from external FAM or DWG files.

Additional new features include a new REVIT import (up to version 2024), a new DATAEXTRACTION supporting traditional and Advanced blocks and XREFs directly to Excel, IFC file export for sharing designs back to BIM-centric design programs like REVIT, a new AI drawing text translator for supporting multiple languages in a drawing, Rubber Sheeting for faster alignment of multiple datasets and dozens of other new commands and improvements.

Release Announcement of CADdoctor for NX Ver.5.1

7 June 2024

Elysium has released CADdoctor for NX Ver.5.1.

Enhancement

Changed support of CAD versions

Versions added in Ver.5.1	Supported Versions
NX 2312 Series	NX 2306 Series, NX 2312 Series

Rockwell Automation to Advance Intelligent Automation, Mobile Robotics in Manufacturing Logistics in Collaboration with NVIDIA

3 June 2024

Rockwell Automation, Inc., the world’s largest company dedicated to industrial automation and digital transformation, announces further collaborations with NVIDIA to supercharge the development of safer and smarter industrial AI mobile robots.

Earlier this year, Rockwell announced its ongoing work with NVIDIA to increase the scale and scope of AI in manufacturing. The collaboration is now expanding to involve robotics, helping drive the use of AI in autonomous mobile robots (AMRs) to improve performance and efficiency. Rockwell brings AMRs and production automation applications to industrial

customers who are looking for increased efficiencies in their factories. This will help unlock unrealized potential in this space via the integration of the NVIDIA Isaac robotics platform.

“We’re invigorated by this continued collaboration with NVIDIA,” said Ryan Gariepy, CTO, OTTO Motors by Rockwell Automation. “Rockwell’s industrial AI expertise, combined with NVIDIA AI and robotics technologies, is going to help drive an exciting new generation of autonomous mobile robots.”

Rockwell also continues its work to integrate NVIDIA Omniverse Cloud application programming interfaces (APIs) with its Emulate3D software, bringing users data interoperability, live collaboration, and photo-realistic graphics rendering for designing, building, and operating industrial-scale digital twins of production systems.

According to the recently released “State of Smart Manufacturing Report,” AI ranks as the top feature manufacturers believe will drive the biggest business outcomes. In fact, 83 percent of manufacturers expect to use generative AI in their operations in 2024. As part of this collaboration, the Rockwell Automation PartnerNetwork™ now includes NVIDIA, giving Rockwell customers more applications to help make their operations more resilient, agile, and sustainable.

Sage Announces New Native-Cloud Innovations in Sage Estimating

4 June 2024

Sage, the trusted software provider for small and mid-sized businesses (SMBs) in the construction industry, announces the addition of new native-cloud innovations for bid leveling, collaboration, and insight in Sage Estimating, the most widely used cost estimating solution in the industry. Sage Estimating streamlines the estimating process, increases accuracy, and helps construction businesses win more jobs at the right price.

Sage Estimating’s new Sage BidMatrix native-cloud platform enables estimating teams to level bids, collaborate, and gain insights. The solution helps estimators effectively manage the chaotic nature of the subcontractor selection process. Sage BidMatrix makes it easy to compare subcontractor bids, evaluate project risks, and optimize bid strategies for greater success.

In addition, a new modern, easy-to-use web interface with powerful slice-and-dice capabilities, as well as the ability to leverage industry standard BI tools like Power BI, enables customers to analyze and gain insight from having all their estimating data centralized in the cloud.

“To win more work and ensure the profitability of every project, construction professionals must build estimates with greater speed and precision than ever before,” says **Julie Adams, Senior Vice President, Construction and Real Estate, Sage**. “For over 30 years, top construction companies have trusted Sage Estimating. With the addition of real-time collaboration, deep bid analysis capabilities, and robust reporting and analytics on a scalable native-cloud platform, we are poised to deliver more innovations that take Sage Estimating customers into the future.”

Doran Contractors, a general contracting and construction management company, has projects with upwards of 100 different numbers coming in from subcontractors, making analysis and

closing a bid daunting. They have attributed some of their big wins to Sage Estimating's strength during the closing.

"There is nothing out there like Sage Estimating with Sage BidMatrix. This solution gives us the confidence we need to tackle any project head-on, providing reliable solutions that other software simply can't match," **says Jason Hyland, Estimator at Doran Contractors**. "Excel is great, but there is a lot that can go wrong. I looked for something similar to Sage Estimating for a few years, and in my opinion, there is nothing close to it."

Science meets gaming: Seequent launches free web app to help combat global shortage of earth scientists

5 June 2024

Seequent, The Bentley Subsurface Company, launched Visible Geology, a free web application to teach earth science students how the earth works – in 3D.

Visible Geology offers an immersive, intuitive gaming experience that is set to transform the way earth science students are taught the key concepts of geology – a foundational science for understanding the earth. The app was developed with CerebralFix, a game development studio that creates innovative interactive, digital experiences for companies including entertainment giants like Disney, Pixar, and Dreamworks.

The app moves beyond traditional 2D and paper-based teaching methods into immersive 3D modelling in the cloud via a simple, intuitive interface. Anyone with access to the internet can access Visible Geology for free – no subscription required.

Graham Grant, CEO, Seequent, said: "At Seequent, we are passionate about inspiring the next generation of earth scientists. We know how critical earth scientists are to understanding the earth's resources and solving some of the world's most urgent and complex challenges – from climate resilience to the energy transition. With falling enrolments and older professionals retiring, there is a workforce crisis ahead that is set to impact our way of life. That's why we have taken our world-leading expertise in earth science software and brought in gaming expert CerebralFix to build Visible Geology and make it available to everyone, for free."

Around the globe, universities are reporting a significant decline in earth science enrolments and courses are being cut. Australia has witnessed a 40% slump in geoscience students completing degrees in the last eight years*, and in 2020 the UK reported a 43% decrease** in students studying geology since 2014. The American Geosciences Institute has reported a workforce deficit of 130,000 geoscientists in the US by 2030***.

CerebralFix Co-CEO Chelsea Rapp said: "Video games have an incredible ability to transform education by blending immersive experiences with interactive learning. They are much more than just entertainment; applications like Visible Geology are dynamic tools that empower learners to explore and experiment in ways that traditional methods cannot match."

Dr Kate Pedley, Geology Lecturer, University of Canterbury, New Zealand, was part of the Visible Geology testing process with her students and is already incorporating Visible Geology into her undergraduate courses. Dr Pedley said: "Visible Geology is intuitive and easy to use."

Students can play around with it and have a bit of fun and it builds understanding in a way that complicated 2D maps can't. Visible Geology builds a bridge for students to the professional geoscience software they will use in their careers." |

Visible Geology complements Seequent's academic program, an international network of students, educators, and researchers using Seequent's professional software for low or no cost, to advance our understanding of the earth at more than 500 leading universities.

Siemens accelerates hydrogen ramp-up with generative artificial intelligence

4 June 2024

Green hydrogen is critical to achieving sustainability targets in the industrial sector. To accelerate the hydrogen ramp-up, the technology company Siemens will be supporting companies in the hydrogen industry with software tools based on generative artificial intelligence. Especially in hydrogen production, these new solutions are intended to help significantly simplify the design, engineering and automation of hydrogen production plants, enabling a quicker scale-up of hydrogen production.

Faster design with Hydrogen Plant Configurator

The new Hydrogen Plant Configurator is an intelligent chatbot based on generative artificial intelligence which enables users to create plant designs for hydrogen production. In an iterative process, the configurator is fed with the desired design characteristics of a production plant. The AI then creates seamless block flow diagrams up to precise layouts of the system units and connections. In addition, the AI can predict plant-specific key figures such as possible power consumption, heat generation and a comprehensive list of the most important components. The data generated in this way represents the basic concept of a plant. It can then be transferred to engineering and simulation software such as Siemens' Comos and gProms, for example, to automatically create the piping and instrumentation diagrams.

"Green hydrogen is crucial for the decarbonization of industry. It will be a scarce commodity for the foreseeable future. This makes it even more important to accelerate the ramp-up of production capacities", says Axel Lorenz, CEO Process Automation at Siemens. "Generative artificial intelligence can provide support in the crucial phases of hydrogen production to save considerable time and costs. With the Hydrogen Plant Configurator, it is easier than ever to plan and operate a more sustainable hydrogen plant and thus lay the foundation for efficient production."

Faster engineering with Comos AI

Siemens is also launching an AI-based tool for the project planning phase of hydrogen plants. The Comos AI engineering assistant can create equipment specifications and diagrams based on natural language descriptions and automatically completes or corrects models and drawings. The assistant can also provide support during cross-domain phases in engineering or cross-product workflows by converting models, drawings, and information structures, for example for simulation software such as Simit from Siemens. In addition, users can use Comos AI to retrieve information from engineering-relevant products – via their own prompt or suggested by the assistant. In this way, the assistant provides answers to documentation, specifications, or

technical details. By entering images, scans, or PDFs, it can also proactively deliver relevant resources and transform them into precise diagrams and models.

AI upgrade for the distributed control system

To simplify the automation of processes in hydrogen plants, Siemens is launching an innovative module for the Simatic PCS neo distributed control system: SFC Generation. The module is integrated into the process control system and can create so-called sequential function charts (SFCs) using generative artificial intelligence. These charts provide a visual representation of process logic and allow users to easily manage complex workflows. This is possible based on specific prompts or by copying a prose process description into the module's chat window.

The Hydrogen Plant Configurator will be available on the Siemens Xcelerator Marketplace from the end of calendar year 2024, while Comos AI and SFC Generation are expected to be available from the beginning of 2025. Siemens will be presenting the new AI tools for the first time at this year's Achema trade fair in Frankfurt from June 10 to 14, 2024 (Hall 11).

Siemens brings formal methods to high-level verification with C++ coverage closure and property checking

5 June 2024

Siemens Digital Industries Software announced two breakthrough capabilities for high-level verification of C++ for hardware design: formal property checking and reachability coverage analysis. Designed to be used with Siemens' Catapult™ software for high-level synthesis and verification, Catapult formal tools uniquely bring known and trusted formal verification methods from the RTL world to high-level design.

Catapult™ Formal Assert software delivers untimed C++ property checking to high-level verification. Designers can now use formal methods to prove that a high-level design representation conforms to a specification. Catapult Formal Assert proves whether a specific property, such as a value range, or specific signal values, can or cannot occur.

Catapult™ Formal CoverCheck is the formal complement to Catapult™ Coverage software, Siemens' simulation-based solution for metrics-driven verification of C++ and SystemC HLS design source. Catapult Formal CoverCheck performs "reachability analysis" on coverage holes and generates a waiver for those items formally proven to be unreachable. Together these two tools help users readily and efficiently achieve coverage closure on their HLS design source.

"Catapult Formal tools are elevating best-in-class verification and design methods into High-Level Design," said Mo Movahed, vice president and general manager for High-Level Design, Verification and Power, Siemens Digital Industries Software. "By delivering formal methods to C++ verification, we are enabling leading-edge semiconductor teams to take full advantage of High-Level Synthesis and Verification's power."

High-level design and synthesis are enjoying increasing adoption across a broad spectrum of applications and markets. Catapult™ HLS software, with its proven ability to deliver material improvements in design productivity and the 100x gain in verification throughput from C++ are leading more and more engineering teams to shift their methodologies.

With this shift, there has been a corresponding desire to bring the known and trusted verification methods that have been refined in RTL design up to High-Level Design. RTL verification has evolved into a metrics-driven methodology where explicit coverage measures must be achieved using a combination of dynamic simulation and formal methods. C++ offers orders of magnitude improvement in simulation throughput, the infrastructure for metrics-driven High-Level Verification is not so well established.

Catapult Formal Assert and CoverCheck, along with Catapult Coverage, help to address this gap. Verification teams now have the same combination of formal methods and coverage analytics to ensure that the C++ representation of the design meets specific targets.

TCS Launches WisdomNext™, an industry-first GenAI Aggregation Platform

7 June 2024

Tata Consultancy Services (TCS), a global leader in IT services, consulting, and business solutions, has launched TCS AI WisdomNext™, a platform that aggregates multiple Generative Artificial Intelligence (GenAI) services into a single interface and enables organizations to rapidly adopt next-gen technologies at scale, lower costs and within regulatory frameworks. The industry-leading platform is designed to remove barriers for customers to develop and launch business solutions, allowing for real-time experimentation across vendor, internal, and open-source LLM models.

AI and GenAI have far-reaching applications across the value chain for businesses. However, solution designers around the world find it difficult to select, experiment and decide on the right foundational models to use. Foundational models are constantly evolving, and each model offers different capabilities in terms of mode of usage, cost, and effectiveness. TCS' AI for Business Study, a comprehensive survey on the impact of AI on businesses, found that while business executives are generally positive about the impact of AI, they are less certain about the path to transformation. TCS AI WisdomNext helps businesses choose the right models and simplify the design of new business solutions using GenAI tools. It also enables businesses to reuse pre-existing components to accelerate the design.

Siva Ganesan, Head, AI.Cloud Unit, TCS, said, *“TCS AI WisdomNext helps our customers take advantage of GenAI to unlock the full potential of their data, drive greater business innovation and efficiency, and gain a competitive edge. Customers appreciate the newly launched platform’s ability to help navigate a diverse and quickly evolving AI marketplace and rapidly compose 'art-of-the-possible' solutions. We are solving business problems and helping our customers redefine what it means to harness the power of GenAI. The rapid adoption of GenAI and experiencing what it means in terms of business outcomes is something our customers find very exciting.”*

In the initial testing phase, TCS has already leveraged this powerful tool for many of its largest customers to create value for them and build prototypes. Examples include fast-tracking sales for an **outdoor advertising company in the US**, with real-time inventory availability and quote generation with maps Integration; enhancing productivity and efficiency across the application migration and modernization lifecycle for a **leading American insurance provider**; and

enhancing customer experience through a smart mortgage-assistant for a leading bank in the UK.

Scott Kessler, Executive Vice President, Chief Information Officer, Northeast Shared Services, said, *“GenAI presents us with the chance to elevate the value of our knowledge capital across multiple dimensions. Through access to the TCS AI WisdomNext™ platform, we can amplify our enterprise knowledge, orchestrating a seamless integration of data and insights to enhance the efficiency, innovation, and customer-centric focus of our grocery organization, thereby incrementing value at every turn.”*

TCS AI WisdomNext is an integrated enterprise AI orchestration platform with features including:

- Preconfigured industry solution blueprints
- Intelligent ‘evaluator bots’, which enable organizations to compare available GenAI models and related technology stack choices, helping them to make more informed decisions
- Scenarios to optimize GenAI running costs using the platform’s native intelligence
- Centralized governance with in-built guardrails to ensure compliance with local regulations and best practices
- Seamless portability feature across cloud platforms and GenAI ecosystems
- Build hyper-personalized experiences, paving the way for higher customer satisfaction.

R “Ray” Wang, CEO and Principal Analyst at Constellation Research, said, *“Customers seek an innovative GenAI platform that has a powerful combination of prefabricated industry blueprints, cutting-edge technologies, and orchestration capability to help businesses succeed in their future adoption strategies and innovation on GenAI. The service providers that thoughtfully make investments in GenAI and help clients transform, navigate, and experience the world of GenAI with security and ethical guardrails at its core will be the technology partners that customers will trust to deliver on the promises of GenAI. These AI-first technology partners can deliver on what customers seek - a new multi-model, multi-modal and multi-cloud platform.”*

The AI.Cloud unit brings together TCS’ capabilities in cloud computing and artificial intelligence to cater to the contemporary needs of customers. The comprehensive portfolio of GenAI services and solutions includes consulting and advisory, solution design and prototyping, large language model training and fine-tuning, guardrail agent design, project delivery, and ongoing maintenance as well as a responsible AI framework to help enterprises navigate the ethical and safe uses of AI. With over 300,000 associates trained on the foundational skills of AI/ ML, including GenAI, TCS is also set to build one of the largest AI-ready workforces in the world. TCS AI WisdomNext is available to customers now

Wipro Expands Retail Media Offering in Collaboration with Cisco and AT&T

31 May 2024

Wipro Limited, a leading technology services and consulting company, announced the expansion of retail-focused capabilities within Wipro VisionEDGE+. This enhanced offering, developed in partnership with Cisco and AT&T, and leveraging Amazon Web Services (AWS), serves as a comprehensive retail transformation platform designed to unlock the full potential of retail media network.

According to the National Retail Foundation, 80% of all shopping still happens in stores, providing a critical touchpoint for brands and retailers to connect with consumers. Recognizing this potential, Wipro VisionEDGE+ offers a powerful, measurable, and omni-channel platform for retailers and brands, that complements their existing digital strategies.

This offering allows retailers to:

- **Enhance customer experience** with interactive displays that provide personalised recommendations and navigation assistance.
- **Drive incremental revenue** by offering brands programmatic advertising and enabling assisted selling through digital endpoints.
- **Centralize control and operations** to facilitate seamless content tracking across multiple platforms, while also enabling scalability.
- **Create an omnichannel platform** allowing customers to virtually try on items and order from 'endless aisles.'

Wipro VisionEDGE+ combines dynamic digital signage with cutting edge AI-based platforms that provides business insights, customer sentiment analytics, and traffic management data, tailored to retailers' specific needs while ensuring compliance with privacy regulations. Additionally, the platform leverages:

- **Cisco's intelligent network solutions** to ensure secure and seamless connectivity within the retail environment.
- **AT&T's network infrastructure** to provide reliable and secure data transmission.
- **AWS's robust and scalable cloud computing services** to power the platform's data analytics and machine learning capabilities in order to deliver a personalized and engaging in-store experience.

"We are thrilled to leverage Wipro's over two decades of Retail expertise for our customers, empowering them to capitalize on the billion-dollar opportunity in advertising revenue," said **Malay Joshi, Chief Executive Officer – Americas 1, Wipro Limited**. "Retail media is not just a trend; it's a transcendent force reshaping the future of in-store experiences. Wipro VisionEDGE+ extends this power to brands and retailers to transform every customer store visit into a personalized journey."

“The retail revolution is fuelled by connectivity and AT&T’s next-level network infrastructure serves as a secure and reliable foundation for Wipro VisionEDGE+. This solution showcases our collaborative approach to help businesses unlock new insights to drive success in the digital era,” said **Sarita Rao, Senior Vice President, AT&T Partner Solutions**.

"We are proud to complement Wipro VisionEDGE+ with our secure and intelligent networking solutions focused on retail environments," said **Tim Coogan, Senior Vice President at Cisco**. "With a simple network management platform experience, cloud-driven automation and innovation across our partner ecosystem, Cisco’s partnership with Wipro will help drive measurable outcomes for shared customers in the retail sector.”

Wipro Launches an AI-Assisted Security and Risk Platform, Powered by Zscaler

4 June 2024

Wipro Limited, a leading technology services and consulting company, announced that it has partnered with Zscaler to introduce Wipro Cyber X-Ray, an AI-assisted decision support platform. Wipro Cyber X-Ray empowers enterprise CXOs to make optimized security investment decisions and communicate cyber values to senior leadership and the board.

Security business leaders often struggle to access comprehensive risk visibility across their varied cyber projects, and some may have difficulty justifying the spending to sustain cybersecurity programs and ensure continued cyber resilience in this age of constant disruption. Wipro Cyber X-Ray offers an easy-to-navigate executive dashboard to visualize cyber risk posture, activate cyber initiatives, and deliver value to the organization by helping to understand over- or under-investment in security programs.

Wipro Cyber X-Ray, powered by Zscaler, provides business intelligence that will allow security leaders to confidently communicate to the board the value of current cyber investments through a cost vs. impact analysis.

“Cyber threats are ever-evolving, as are compliance requirements,” said **Tony Buffomante, Global Head of Cybersecurity and Risk Services at Wipro**. “Wipro Cyber X-Ray helps top management executives make more informed decisions based on the intelligence provided and validates if the cyber investment is helping them achieve the desired maturity. The platform also provides security processes, strategy, and performance benchmarking to help enhance organizations’ cybersecurity posture. With many teams being asked to do more with less, we are pleased to collaborate with Zscaler to provide clients with a security management tool that provides visibility and enables efficient allocation of cyber investments.”

“Wipro Cyber X-Ray, powered by Zscaler, is a compelling platform designed to give top management a single pane of glass view of the enterprise’s cyber risks associated with the business posture,” said **Karl Soderlund, Senior Vice President, Worldwide Partner and Alliances Sales Zscaler**. “While cybersecurity remains one of the core topics for the board and top management, cybersecurity leaders have been facing challenges to communicate easily understood value. Wipro Cyber X-Ray solves this challenge by providing insights and visibility into an organization’s cyber health.”