

Contents

Acquisitions.....	4
Accenture Acquires ATI Solutions Group to Help Clients in Australia Automate Field Operations Faster and More Efficiently.....	4
Company News	5
ALICE named finalist - 2023 Building Awards	5
Ericsson works with AWS and Hitachi America R&D to showcase smart factory potential...	5
Infosys Welcomes Tennis World No.1 Iga Świątek as Global Brand Ambassador to Promote Infosys’ Digital Innovation and Inspire Women Around the World	7
MathWorks Co-Founder and Chief Mathematician Cleve B. Moler Receives ICIAM Industry Prize 2023.....	8
NAHICA Partners with PlanHub	8
TCS Wins Three 2023 Google Cloud Partner of the Year Awards.....	9
Tech Mahindra Introduces Green Transportation for Employees in Noida	10
Trimble Releases 2022 Sustainability Report	11
Vectorworks Embodied Carbon Calculator Wins Sustainability Initiative of the Year Award	12
Wipro and Amigos do Bem join forces to bring Wipro Cares to Brazil.....	13
Event News	14
AMUG 2024 Registration Opens.....	14
Ansys CFO to Present at Citi’s 2023 Global Technology Conference	15
Digital Twin Consortium to Present Hands-On Digital Twin Training Workshops	16
HONEYWELL ANNOUNCES PARTICIPATION AT UPCOMING INVESTOR CONFERENCES.....	16
Matterport to Participate in Upcoming Investor Conferences.....	17
Financial News	17
Blackline Safety Announces Fiscal Third Quarter 2023 Financial Results Conference Call ..	17
Hewlett Packard Enterprise reports fiscal 2023 third quarter results.....	18

Invitation to Tecsys’ Conference Call on September 8, 2023, Covering First Quarter FY2024 Results.....	19
Implementation Investments	20
Athora Netherlands Expands Strategic Partnership with TCS	20
Dart Transit Selects Trimble Instinct and Video Intelligence Fleet Management Solutions for Improved Driver Experience and Safety.....	21
ELK FERTIGHAUS: AMBITIOUS GROWTH TARGETS THANKS TO SEMA SOFTWARE	21
HCLTech Signs An Exclusive Preferred Professional Services Agreement With Cloud Software Group For TIBCO Solutions.....	22
HPE Aruba Networking establishes network solutions for retail technology company, Kurly, for its state-of-the-art logistics system.....	23
KORE Empowers National Retailer's Digital Transformation with 5G Connectivity.....	24
LTIMindtree collaborates with CAST AI to help Businesses Optimize Their Cloud Investments.....	25
Modineer is “All-In” on Actify APM for Launching OEM Supply Programs	26
Riverina Water Boosts Customer Satisfaction with Infor-led Digital Transformation Program	26
Swarovski Enables the Execution of Creative Direction with Centric Software Solutions ...	28
The Estée Lauder Companies Inc. and Google Cloud Partner to Transform the Online Consumer Experience with Generative AI	28
Triumph Looks to Centric Planning to Boost Business Transparency.....	29
Product News.....	30
Automate Procore Site Setup & Instantly Connect External Systems.....	30
Cadence Collaborates with Arm to Accelerate Neoverse V2 Data Center Design Success with Cadence AI-driven Flows.....	31
CCTech Announces the Release of Autonomous HVAC CFD 2024	33
EPLAN Data Portal Update 02 August 2023.....	34
Infor and Made2Flow Launch Dedicated Sustainability Interface for Fashion Industry	36
Keysight Enhances Automated Software Test Solution to Enable Multi-Platform Mobile App Testing.....	37
Moduleworks Releases 2023.08 Software Components.....	38
Precision3D Hydrology 2023 is Released With Full Storm Sewer Design.....	39
Qualtrics Complaints and Grievances Solution Drives Efficiency, Quality and Experience of Care	40

Schneider Electric and Hewlett Packard Enterprise enhance sustainable IT solutions for Asia Pacific customers with new agreement	42
SPCAD for GstarCAD has been released	43
Zuken Unveils CR-8000 2023 with Enhanced Design Efficiency and Analysis for High-Density, High-Speed PCB Designs	43

Acquisitions

Accenture Acquires ATI Solutions Group to Help Clients in Australia Automate Field Operations Faster and More Efficiently

29 August 2023

Accenture has acquired ATI Solutions Group (ATI), a Perth-based consulting service provider to the mining, energy and rail industries. ATI will enhance Accenture's capabilities in West Australia, where specialized digital and industrial talent is in high demand. Terms of the transaction were not disclosed.

ATI offers clients a broad skill set and has experience across a wide range of capital projects. It helps clients automate and remotely run mines and rail networks, set up smart maintenance workflows, analyze data from the field, and optimize their operations. The company excels at implementing operational technology (OT) – which companies use to run assets like mining equipment – and connecting OT to enterprise IT systems. Better IT and OT integration allows companies to identify issues and automate processes in their field operations faster and more efficiently.

Steven Walsh, Industry X lead for Accenture in Australia and NZ, said: "Digital technology and automation in operations are a pivotal part of how leading asset-intensive companies drive value in their front-line operations. ATI's long-standing expertise strengthens our capability to support our clients in these critical areas."

Pete Burns, who leads Accenture's business in Australia and New Zealand, added: "The acquisition of ATI reflects our ongoing focus and commitment to building our presence in the West Australian market, and delivering total enterprise reinvention to our clients."

Matt Andrews, Director and Co-Founder, ATI, commented: "By joining Accenture, we will bring new value and scale to our clients and provide new opportunities to our people to grow their careers."

ATI's approx. 60 employees and contractors in Perth and other locations across Australia will join Accenture's digital engineering and manufacturing service, Industry X. Accenture continues to build this service in Australia and New Zealand, having also acquired Perth-based OT service provider Electro 80 in 2021, and grown the team across the market in recent years.

Recently, Accenture acquired US infrastructure advisory and management company Anser Advisory to help clients complete their large, long-term infrastructure projects more predictably and efficiently.

Company News

ALICE named finalist - 2023 Building Awards

23 August 2023

ALICE Technologies has been shortlisted for the 2023 Building Awards in the category of "Digital Excellence Award" for our optimization work with SCS JV on the high speed railway project in the UK. The award ceremony will take place on November 7, 2023.

We are proud to be making an impact on the development of essential infrastructure in the UK and greatly appreciate the strong working relationship we have with SCS JV.

Ericsson works with AWS and Hitachi America R&D to showcase smart factory potential

29 August 2023

Three of the biggest names in global technology have joined forces to highlight the ability of already-available 5G, artificial intelligence (AI) and automation solutions to transform manufacturing and improve productivity, efficiency, environmental impact and safety, while reducing costs.

Ericsson, Amazon Web Services (AWS) and Hitachi America R&D enabled the private 5G infrastructure trial at Hitachi Astemo Americas' electric motor vehicle manufacturing plant in Berea, Kentucky, USA.

"The best news about this collaboration is that it is not about capabilities that will be available at some distant point in the future," Thomas Noren, Head of PCN Commercial and Operations, Ericsson, says. "These solutions can be deployed today in manufacturing and enterprise environments to deliver a range of early adopter competitive advantages. As global technology leaders, Ericsson AWS and Hitachi America R&D have shown how collaboration can drive innovation."

THE SOLUTION

The solution leverages Ericsson Private 5G side by side with the AWS Snow Family to provide the private cellular networks that were foundational in establishing machine learning (ML) models within the Hitachi manufacturing complex.

Using Hitachi video analytics, real-time video of the component assembly operation was fed across the Ericsson private 5G network to help detect defects earlier, reducing wasted material and lost production.

The goal was to build, train and apply these models to enhance product quality on the manufacturing floor, marking a significant step in the application of multiple technology components in industry.

Built on Ericsson's 4G and 5G radio and dual mode core technology, Ericsson Private 5G enables a wide variety of innovative use cases for both indoor and outdoor environments while easily

integrating with business operations, devices and applications ensuring next-level efficiencies in productivity, cost and energy use.

Ericsson Private 5G is Ericsson's next-generation private network solution providing secure and reliable 4G and 5G connectivity through its single server dual mode core. Built for business operations, the product comes pre-integrated to ensure rapid time to service, delivering advanced and intelligent operations in any environment, all while keeping sensitive data secured on site. Ericsson Private 5G is able to support and adapt to a variety of use cases, industries, and levels of complexity for enterprises.

"We explored and validated new use cases enabled by private 5G to show how smart factories can already function," Sudhanshu Gaur, Vice President of R&D for Hitachi America and Chief Architect at Hitachi Astemo Americas, says. "The combination of private 5G, cloud and artificial intelligence/machine learning automated technologies has the potential to revolutionize the way we manufacture products, and we are excited to be at the forefront of this innovation."

KEY TAKEAWAYS

The results of the deployment suggests broad operational and business impacts, from improving product quality to lowering costs to optimizing the entire supply chain ecosystem. Key outcomes include:

- **Rapid use case implementation via Ericsson Private 5G:** The team set up cameras on a live production assembly line that produces motor components for electric vehicles. Real-time video of the component assembly operation was fed across the Ericsson private 5G network to an AWS Snowball Edge device running Hitachi video analytics. By using 5G wireless, the trial installation was completed in three days.
- **Higher performance and reliability for quality inspections:** For one use case - Defect Detection - the trial demonstrated that computer vision running on a private 5G network could simultaneously inspect 24 assembly components compared with one-by-one inspection using conventional approaches. Using high-definition 4K cameras, the computer vision configuration was able to observe defects at the sub-millimeter level - far greater visibility than would be possible with the human eye. The high throughput and low latency of 5G was key to uploading huge volumes of video data from the cameras to AWS Snow Family device for analysis, which helped streamline decision-making.
- **The enablement of global scalability with 5G and cloud:** The trial demonstrated that the combination of 5G and cloud technologies is now making full-scale, global deployment of digital production line applications viable - from defect detection and quality inspection to robotics automation, real-time machine control, augmented reality and more.

Chris McKenna, Global Lead, Private Wireless at AWS, says: "While it's long been anticipated that technologies such as 5G and video analytics could drive innovation in manufacturing, one of the challenges has been how to securely and reliably process that data to drive outcomes. By using the Ericsson Private 5G Network product, and running artificial intelligence and machine

learning models on an AWS Snow Family device, we were able to demonstrate a reliable and secure connection to run machine vision inferences at the site to help detect defects earlier.”

Infosys Welcomes Tennis World No.1 Iga Świątek as Global Brand Ambassador to Promote Infosys’ Digital Innovation and Inspire Women Around the World

25 August 2023

Infosys, a global leader in next-generation digital services and consulting, announced a multi-year partnership with women’s tennis World No.1 Iga Świątek. The 22-year-old is already a four-time Grand Slam Champion and one of the most dominant forces in the women’s game today, who has been ranked World No. 1 since April 22, for a record 70 consecutive weeks. She has bettered her skills and capabilities in the face of every new challenge to rise to the top. Businesses and individuals seeking to navigate their next can draw inspiration from how she has steadily evolved to become a champion.

Infosys has helped reimagine tennis for over eight years as the digital innovation partner for the ATP Tour, Roland-Garros, Australian Open, and The International Tennis Hall of Fame. The company has transformed the experience of the game for the tennis ecosystem leveraging advanced digital technologies like artificial intelligence (AI), cloud, and data analytics.

Infosys will now work closely with Świątek’s team to build an advanced data analytics and video dashboard by leveraging AI to amplify her training and help rapidly evolve her strengths and match strategy through continuous learning. Several of Infosys’ clients embrace a similar approach, taking advantage of digital advances like AI, machine learning, cloud, and more to accelerate their evolution and transformation. Infosys and Świątek will also work together to create programs to inspire and empower young women around the world - for example, conceptualizing, and promoting programs to help women from underserved communities build careers in science, technology, engineering, and mathematics (STEM).

Iga Świątek, said, “I am delighted to collaborate with an organization like Infosys that’s bringing their knowledge of technology to change the tennis experience for so many people. Although tennis and technology may seem quite different at first, there’s so much in common – including strategic thinking, learning and developing in every situation, the ability to evolve your game, and adjust. I am also moved by all that Infosys is doing off the court to bring more opportunities that empower people, businesses, and communities to move into the future. With Infosys, our goal is to also inspire people, especially young women, to prepare themselves to play strong and meaningful roles in a world that is not possible to live in and thrive without strong digital skills and knowledge.”

Salil Parekh, Chief Executive Officer & Managing Director, Infosys, said, “We are thrilled to welcome Infosys’ new brand ambassador – Iga Świątek - a Polish hero who has hurdled immense challenges to become the top tennis player in the world, and an inspiration for everyone who aspires to navigate their next. Her relentless evolution mirrors the digital transformation journey that several of our clients undertake in collaboration with us to become champions in their own industries. Iga is also a great inspiration for women achievers and together with her, Infosys will work to inspire young people, especially women, to push forward

and pursue STEM careers that are vital for our future. All of us at Infosys wish Iga the very best for the future.”

MathWorks Co-Founder and Chief Mathematician Cleve B. Moler Receives ICIAM Industry Prize 2023

25 August 2023

The 10th International Congress on Industrial and Applied Mathematics (ICIAM) was held from August 20–25, 2023, in Tokyo, Japan. During ICIAM, the ICIAM Industry Prize 2023 was awarded to Cleve B. Moler for his outstanding contributions to the development of mathematical and computational tools and methods for his role in the invention of MATLAB. MATLAB is a programming environment for algorithm development, data analysis, visualization, and numeric computation and has established itself as the language of engineers and scientists.

ICIAM is a global event that brings together researchers, academicians, professionals, and experts from various fields of applied mathematics and related disciplines. The congress provides a platform for exchanging knowledge, ideas, and advancements in applied mathematics, as well as the application of mathematics in various scientific, engineering, industrial, and technological areas. It typically includes plenary talks by distinguished speakers, parallel sessions, poster presentations, and other scientific and social activities.

MathWorks is an exhibitor at this event.

NAHICA Partners with PlanHub

25 August 2023

The National Hispanic Contractors Association (NAHICA) is excited to announce a groundbreaking collaboration with PlanHub, a leading construction project management platform. This partnership aims to foster growth and opportunities for Hispanic subcontractors within the construction industry by connecting them with a multitude of construction projects available through PlanHub’s extensive network of general contractors.

NAHICA is a renowned organization dedicated to empowering Hispanic contractors and subcontractors, fostering their professional development, and promoting diversity within the construction sector. PlanHub is a cutting-edge technology platform that simplifies the construction bidding process and streamlines communication between general contractors and subcontractors. This strategic alliance between NAHICA and PlanHub seeks to bridge the gap between Hispanic subcontractors and construction projects, thereby enhancing their visibility and chances of securing projects that align with their expertise.

By leveraging PlanHub’s robust database of construction projects, NAHICA aims to provide its members with unprecedented access to a wide range of opportunities. Hispanic subcontractors will have the ability to bid on and collaborate with general contractors on projects that span various sizes, scopes, and specialties. This collaboration is a testament to NAHICA’s commitment to equipping Hispanic contractors with the tools and resources they need to succeed in the competitive construction landscape.

“NAHICA is thrilled to join forces with PlanHub to amplify the growth and potential of Hispanic subcontractors in the construction industry,” stated Sergio Terreros, President of NAHICA.

“Our shared vision of fostering inclusivity and empowerment aligns perfectly with this collaboration. Through this partnership, we aim to create a stronger network, open doors to new opportunities, and contribute to the advancement of Hispanic professionals in construction.”

PlanHub’s CEO, Ro Bhatia, echoed this sentiment, saying, ***“We are honored to work alongside NAHICA to support the vibrant community of Hispanic subcontractors. PlanHub’s advanced technology will serve as a catalyst, enabling these subcontractors to connect with a plethora of construction projects that match their skillsets. We believe that this collaboration will not only contribute to the growth of individual businesses but also enrich the overall construction ecosystem.”***

Hispanic subcontractors who are NAHICA members will soon be able to benefit from the streamlined access to PlanHub’s extensive database of construction projects. This collaboration promises to drive innovation, diversity, and excellence within the construction industry.

TCS Wins Three 2023 Google Cloud Partner of the Year Awards

30 August 2023

Tata Consultancy Services (TCS), has won three 2023 Google Cloud Partner of the Year Awards: Global Talent Development Partner of the Year, Industry Solution Services Partner of the Year – Financial Services & Insurance, and Industry Solution Services Partner of the Year – Retail & Consumer Packaged Goods.

TCS won the Google Cloud Global Talent Development Partner of the Year Award for cultivating a culture of continuous learning and growing Google Cloud-skilled talent. TCS established G-Skool, a learning academy, and has achieved 60 times growth in Google Cloud certifications since its inception. TCS is an early adopter of generative AI learning on Google Cloud, with plans to get 40,000 employees certified on this technology within the year.

The Industry Solution Services Partner of the Year – Financial Services and Insurance award recognizes TCS’ deep domain knowledge and industry leading portfolio of innovative and impactful solutions addressing the end-to-end financial services value chain. Its solutions across risk and compliance, sustainable banking, finance on cloud, data analysis and financial crime, help organizations achieve superior business outcomes leveraging cloud-native capabilities. The award also recognizes TCS BaNCS™, a SaaS solution, available on Google Cloud, which helps financial services firms enhance customer experience, accelerate innovation, and build competitive differentiation.

The Industry Solution Services Partner of the Year – Retail & Consumer Packaged Goods award recognizes TCS’ deep cloud transformation experience in the retail domain and comprehensive digital solutions on Google Cloud that are helping clients achieve their business goals. TCS Optumera™, an AI-powered retail strategic intelligence platform, enables retailers to make value-chain optimized merchandising and supply chain decisions. TCS OmniStore™ is an AI-

powered unified and composable commerce platform that helps retailers drive a connected and personalized customer experience across all touchpoints.

“TCS helps global organizations accelerate their cloud transformation journeys by leveraging our industry expertise, contextual knowledge, innovation, and intellectual property,” said **Nidhi Srivastava, Global Head, Google Business Unit, TCS.** *“We are honored to receive three 2023 Google Cloud Partner of the Year awards, which attest to the investments we have made in scaling and deepening our capabilities on Google Cloud, and our innovative, industry-leading financial and retail solutions that help clients achieve purpose-led growth.”*

The TCS Google Business Unit offers customers a full catalog of services and solutions, leveraging TCS’ technology expertise, industry-focused innovation, and Google Cloud’s capabilities. These services help companies achieve superior business outcomes from cloud transformation initiatives to gain resilience, better customer experience and the flexibility of an open, scalable, and democratized ecosystem. TCS is investing in industry solutions to drive innovation and digital transformation for all leading industries and has enabled the availability of our rich portfolio of industry-centric products and platforms on Google Cloud.

“The world’s largest enterprises are turning to Google Cloud to power their digital transformations,” said **Kevin Ichhpurani, Corporate Vice President, Global Ecosystem and Channels, Google Cloud.** *“These customers require highly-trained experts to provide important implementation and managed services, and we’re proud to recognize TCS’ significant investments in learning, certifications, and services capacity in support of customer success.”*

TCS offerings on Google Cloud include advisory, foundational cloud-build and security services, cloud migration and modernization across infrastructure, application, data, AI build and deployment services, a managed services model for hybrid and multi-cloud environments, and fit-to-purpose digital solutions across industries. TCS provides cloud-native services and solutions across new technologies, such as Intelligent edge-to-core, generative AI, and blockchain to enhance end-customer value.

Tech Mahindra Introduces Green Transportation for Employees in Noida

29 August 2023

Tech Mahindra, a leading provider of digital transformation, consulting, and business re-engineering services and solutions, today introduced green transportation for employees in its Noida campus. The green transportation initiative aims to strengthen Tech Mahindra’s zero carbon footprint ambition and improve fuel economy while reducing harmful emissions.

As part of the initiative, Tech Mahindra has introduced electric vehicles that will run five trips daily, covering a radius of 250 green kilometres per day and saving up to 13,500 litres of fuel monthly, thus avoiding greenhouse gas emissions. Carbon sequestered by the initiative per month will be equal to carbon sequestration by 5,241 tree seedlings grown for ten years, indicating the enormous impact of Tech Mahindra’s push for sustainability. In addition to boosting the environment and air conditions, the electric vehicles will also reduce noise pollution significantly.

Harshvendra Soin, Global Chief People Officer and Head Marketing, Tech Mahindra, said, “At Tech Mahindra, we are committed to driving the shift towards green mobility, focusing on both the environment and people. Embracing a zero-carbon footprint is our commitment to sustainability, and in this direction, introducing electric vehicles for our employees is a significant step towards a greener future. This transition aligns with our core values of responsible corporate citizenship and demonstrates our dedication to building a sustainable tomorrow for future generations.”

Tech Mahindra is a pioneer in sustainability and its end-to-end ESG offerings, including consulting and advisory services along with leading digital solutions across the value chain. As a responsible business entity, the organisation concentrates on integrating sustainability into all aspects of the business and develops strategies for Environmental, Social and Governance (ESG) dimensions.

Trimble Releases 2022 Sustainability Report

31 August 2023

Trimble announced the publication of its **2022 Sustainability Report**, featuring progress and milestones as part of its sustainability strategy.

Built around the company living its values and mission of transforming the way the world works, the report features how Trimble is “Shaping a Sustainable Future” for our planet and the communities we serve. Trimble is also introducing a new way of communicating about its Environmental, Social and Governance (ESG) commitments—Building Resilience, Empowering People and Leading with Integrity—that reflect Trimble’s approach to sustainability as part of its business strategy.

2022 highlights include:

- Trimble published its first report aligned with the Task Force on Climate-Related Financial Disclosures (TCFD), a globally recognized reporting framework, which provides stakeholders with critical information on our operational climate risks and opportunities.
- Trimble implemented its executive long-term incentive program, adding a “People & Planet” modifier. This ensures that Trimble’s executive compensation is aligned to its science-based carbon reduction and workforce diversity goals.
- Trimble entered into a new five-year \$1.25 billion revolving credit facility that will help drive progress for two of Trimble’s sustainability commitments: reducing the company’s Greenhouse Gas (GHG) footprint and increasing gender diversity with more female representation in the workplace.
- Trimble made progress on its renewable electricity goal. The company is at 36 percent of its goal of 100 percent renewable electricity by 2025. Trimble has sourced energy from local producers in Germany, as well as from hydroelectricity plants in the US and on-site solar at several of our facilities worldwide.

- Trimble is helping to shape the global leaders for tomorrow with 28 Trimble Technology Labs (TTL) across 14 countries on 5 continents. In 2022, we celebrated our latest TTL at Edinburgh Napier University (ENU) with an inaugural Trimble TTL Conference. It welcomed more than 50 leading construction, geospatial and natural resources academics from around the world to participate in knowledge exchange and community building.

The report summarizes Trimble's sustainability initiatives and performance, highlighting the company's sustainability approach; end-user industry solutions; community philanthropy through its Trimble Foundation Fund; employee engagement and development as well as Diversity, Equity and Inclusion (DEI) initiatives; and governance. The report's data aligns with the Sustainability Accounting Standards Board (SASB) standards for Electrical and Electronic Components and Software and IT Services. It also aligns with the United Nations Sustainable Development Goals (UN SDGs).

Vectorworks Embodied Carbon Calculator Wins Sustainability Initiative of the Year Award

22 August 2023

Global design and BIM software provider Vectorworks, Inc. received the Bronze Stevie® Award in the Sustainability Initiative of the Year category for the 20th Annual International Business Awards®. Specifically, the Vectorworks Embodied Carbon Calculator (VECC) was recognized for its innovation and achievements in sustainability.

The VECC is a custom, pre-formatted interactive worksheet built into Vectorworks Architect that helps designers calculate embodied carbon levels of a project based on inputs and model quantities of materials. With this tool, designers can adhere to government and legislative bodies' requirements in targeting net zero carbon emissions throughout the whole project lifecycle.

"The current climate crisis requires action to reduce emissions on a global scale and designers need solutions to help combat this challenge," said Vectorworks Senior Architect Product Specialist and creator of the VECC Luka Stefanović. "By providing designers with tools like the VECC, it widens the spectrum of designers joining the cause and reinforces our commitment to the global sustainability agenda."

The International Business Awards are the world's premier business awards program. All individuals and organizations worldwide — public and private, for-profit and non-profit, large and small — are eligible to submit nominations. The 2023 IBAs received entries from organizations in 61 nations and territories.

More than 3,700 nominations from organizations of all sizes and in virtually every industry were submitted this year for consideration in a wide range of categories, including Company of the Year, Marketing Campaign of the Year, Best New Product or Service of the Year, Startup of the Year, Corporate Social Responsibility Program of the Year, and Executive of the Year, among

others. This year's competition also featured a number of new categories to recognize organizations' and individuals' achievements in sustainability initiatives.

Stevie Award winners were determined by the average scores of more than 230 executives worldwide who participated in the judging process in June and July.

"Nominations to the IBAs get better every year, and this year's class of Stevie winners is the most impressive yet," said Stevie Awards President Maggie Miller. "The winners have demonstrated that their organizations have set and achieved lofty goals and we congratulate them on their recognized achievements."

Wipro and Amigos do Bem join forces to bring Wipro Cares to Brazil

29 August 2023

Wipro Limited, a leading technology and consulting services company, is pleased to announce that it has partnered with Amigos do Bem, an institution committed to promoting social inclusion and breaking the cycle of poverty, as part of its initiative to bring Wipro Cares to Brazil.

Wipro Cares is Wipro's global philanthropic arm that engages in social projects in the areas of education, health, ecology and more, through volunteering, monetary contributions, or both.

In its first-ever project in Brazil, Wipro Cares joined forces with Amigos do Bem to deliver almost a thousand food baskets to needy communities, benefiting approximately five thousand people in more than 95 villages in the states of Alagoas, Ceará, and Pernambuco.

Wagner Jesus, Country Head of Wipro Brazil, highlighted: "Amigos do Bem carries out incredible social work in regions of extreme vulnerability in the Brazilian Northeast. Therefore, the action taken with the institution is fundamental for the introduction of Wipro Cares in the country, as it is aligned with the principles of our foundation to promote the development of communities at risk." Wagner adds, "We are extremely happy to be able to collaborate on joint actions that make a difference and help transform the reality of those who need it most."

For more than 30 years, Amigos do Bem has stood out as one of the largest social projects in Brazil. The institution regularly serves more than 150,000 people in the backlands of Alagoas, Pernambuco and Ceará. Through ongoing projects in the areas of education, income generation, access to water, housing and health, the organization has promoted the transformation of thousands of lives.

"At Amigos do Bem, we are committed to creating a significant social impact in the most vulnerable regions of the Brazilian Northeast. We were very happy to be the first Wipro Cares action in Brazil, together, we seek to promote positive changes and improve the lives of those who need it most. This collaboration represents a powerful alliance between two organizations dedicated to social progress, and we are confident that it will make a difference," said **André de Luca, executive director at Amigos do Bem**.

In addition to its commitment to Brazil, Wipro Cares has left a significant mark around the world. Since its inception, the foundation has impacted more than two million lives in more

than 30 countries. Through strategic partnerships with local organizations, Wipro Cares has donated more than five million meals, benefiting vulnerable communities. In addition, more than 10,000 volunteer hours have been dedicated to social projects in various areas, including education, health, sustainability, and professional training. These numbers demonstrate Wipro Cares' global commitment to transforming lives and making a difference in communities around the world.

Event News

AMUG 2024 Registration Opens

30 August 2023

The Additive Manufacturing Users Group (AMUG) announced that online registration will open on September 1, 2023, for its 2024 AMUG Education and Training Conference, which will take place in Chicago, Illinois, from March 10-14, 2024. The AMUG Conference is a users' event open to owners and operators of industrial additive manufacturing technologies used for professional purposes.

The AMUG Conference is distinct from the countless additive manufacturing events held around the globe. It is a unique gathering of users, of all experience levels, that assemble and band together to share valuable insights and experiences to help one another. The users share expertise, best practices, real-world results, challenges, and application developments through dialogue from the stage and conversations during breaks, meals, and networking activities.

The AMUG Conference program encourages participation from early morning to late at night, with over 50 hours of peer interaction during the five-day event. Director of Membership Claire Belson Barnes says, "AMUG Conferences are your ultimate playground for forging new connections and partnerships. Embrace the camaraderie, ignite your creativity, and unlock the potential for groundbreaking collaborations to shape the future of AM."

A 2023 keynote by Nick Jacobson (CU Anschutz Medical Campus) and Rob Ducey (LAIKA Studios) shared the outcomes of a collaboration that blended the additive manufacturing applications from the special effects and medical worlds. This collaboration resulted from an encounter at an AMUG Conference. Jacobson said, "The AMUG Conference is special in that it is filled with power users who really know the ins and outs of our shared technology. Despite the applications being wildly different, it's easy to connect with different professions and share ideas."

Jacobson continued, "All it took was a simple connection at the AMUG Conference that sparked conversations. And to this day, Rob Ducey and I rattle off tons of ideas that the special effects world has been doing for years that are novel advancements in medical applications, things that no one had thought of before because there is little to no overlap between the professions."

In 2024, the AMUG Conference will maintain its foundation of networking and collaboration while incorporating modifications based on feedback, including changes to the AMUGexpo,

increased technical content in conference sessions, and alterations to the sponsor and exhibitor programs.

The 2024 conference agenda offers extended hours for the AMUGexpo with the addition of Tuesday night. The extension responds to AMUG Members' requests for more time to investigate additive manufacturing solutions. AMUG expects over 140 participating companies at the AMUGexpo, which will open Sunday, March 10, and run through Tuesday, March 12.

The AMUG Conference will offer keynotes, panel discussions, educational sessions, inspiring talks, and hands-on workshops to help users maximize their additive manufacturing solutions. Ed Graham, Director of Education and Conference, said, "Our conference has always been 'for users by users', and we will ensure top-notch technical content by carefully vetting presentations for the AMUG tracks."

Hands-on workshops will once again be a highlight of the 2024 AMUG Conference agenda, with participants able to complete a series of concurrent workshops at their own pace on the conference's final day. Graham said, "I believe that one of the best ways of learning is by doing. So, roll up your sleeves and get ready to get 'hands-on' in our Workshops on Thursday. You will learn from the experts and get a chance to participate in these fun and educational workshops."

AMUG will once again convene its New Member Welcome get-together. Belson Barnes said, "To get the most out of an AMUG Conference, participants new and old should take advantage of the ample conversations and connections by engaging in every moment, morning till night. This welcome gathering will set the stage for new members to be ready for the unique AMUG experience."

A highlight of the conference program will be the ninth annual Innovators Showcase. The showcase is an on-stage interview with the feel of a fireside chat where attendees get to know an innovator in the industry and discover insights from that individual's experiences.

Through AMUG's Innovators Award, Technical Competition, and DINO Awards, excellence in applying additive manufacturing and contributions to the industry will be recognized. The five-day event includes a 'Special Event and Dinner,' networking receptions, and catered meals.

The advanced, all-inclusive conference registration fee is \$1,295.00 when signing up through January 5, 2024. Companies interested in participating as sponsors or exhibitors may also use the online registration. For details and registration access, visit www.amug.com.

Ansys CFO to Present at Citi's 2023 Global Technology Conference

24 August 2023

ANSYS, Inc., announced that Nicole Anasenes, chief financial officer and senior vice president of finance, will participate in a moderated discussion at Citi's 2023 Global Technology Conference on Thursday, September 7, 2023 at 11:15 a.m. ET.

A live audio webcast and archive replay of the event will be available at: <https://investors.ansys.com/events-presentations/events>

Digital Twin Consortium to Present Hands-On Digital Twin Training Workshops

29 August 2023

The Digital Twin Consortium® (DTC) announced that it will present Hands-on Digital Twin Training Workshops at the Hyatt Regency O'Hare Chicago on September 25, 2023, from 8 am to 5 pm. In this series of workshops, digital twin experts provide attendees with hands-on experience building and working with digital twins.

“Each workshop will help you build your skills, advancing your digital twin knowledge through hands-on, interactive sessions. You’ll also have the opportunity to network with attendees and digital twin experts,” said Dan Isaacs, GM & CTO, DTC. “Don’t miss the chance to explore how to solve real-world problems with digital twins and elevate your skills.”

These four-hour workshops are available in both morning and afternoon session blocks, and include:

- *Tabletop Training for Interactive Threat Scenario Management* – Simulates known and emerging threats against critical assets and processes in a real-world context. You will document conclusions without disrupting actual assets, processes, or operations.
- *Digital Twin Platform Training for Facility Management and Property Compliance Management* – Introduces the domain of compliance, specifically health and safety compliance for property managers, as an application area of digital twins.
- *Composing Intelligent Digital Twins – Benefits and Values* – Explores the latest technological advancements, helping attendees learn to harness the full potential of digital twin technology, including exciting new areas of AI.
- *Building Digital Twins for Real-Time Analytics and Simulation with Many Data Sources* – Focuses on real-time analytics and simulation of large systems with tens, hundreds, or even thousands of data sources. It extends the use of digital twins beyond their traditional applications in product lifecycle management and opens the door to addressing a wide range of critical challenges.

[Register](#) today to participate in these exciting digital twin workshops. The price is \$195/members and \$295/ non-members if you register before September 1, 2023. The cost is \$295/members and \$395/non-members after September 1, 2023. Lunch/coffee included.

HONEYWELL ANNOUNCES PARTICIPATION AT UPCOMING INVESTOR CONFERENCES

28 August 2023

Honeywell announced its participation at upcoming investor conferences in September.

- Lucian Boldea, president and chief executive officer of Honeywell Performance Materials and Technologies, will attend the Vertical Research Partners Global Industrials Conference in Westbrook, Connecticut, on Friday, September 8, 2023.

- Vimal Kapur, chief executive officer of Honeywell, will present at the Morgan Stanley Laguna Conference in Dana Point, California, on Tuesday, September 12, 2023, from 8:45 a.m. - 9:15 a.m. PDT (11:45 a.m. - 12:15 p.m. EDT).
- Vimal Kapur and Greg Lewis, chief financial officer of Honeywell, will attend the J.P. Morgan U.S. All Stars Conference in London, England, on Monday, September 18, 2023.

Real-time audio webcasts of the presentations can be accessed at <http://www.honeywell.com/investor>, where related materials will be posted prior to the presentations and replays of the webcasts will be available for 30 days following the presentations.

Matterport to Participate in Upcoming Investor Conferences

29 August 2023

Matterport, Inc., the leading spatial data company driving the digital transformation of the built world, announced that it is scheduled to participate in the following investor conferences:

Deutsche Bank 2023 Technology Conference Thursday, August 31, 2023 Location: Dana Point, CA

Wolfe Research TMT Conference Wednesday, September 6, 2023 Location: San Francisco, CA

Piper Sandler Growth Frontiers Conference Tuesday, September 12, 2023 Location: Nashville, TN Presentation Time: 3:00 p.m. CT

The Piper Sandler presentation will be webcast live and archived on Matterport's investor relations website at investors.matterport.com.

Financial News

Blackline Safety Announces Fiscal Third Quarter 2023 Financial Results Conference Call

31 August 2023

Blackline Safety Corp. ("**Blackline**" or the "**Company**"), a global leader in connected safety technology, announced it will release fiscal third quarter 2023 financial results before markets open on Thursday, September 14, 2023. Management will host a conference call and webcast to discuss the Company's financial results at 11:00 am ET the same day.

Blackline Safety Corp. Fiscal Third Quarter 2023 Financial Results Conference Call

When: Thursday, September 14, 2023

Time: 11:00 am ET

Webcast Link: <https://www.gowebcasting.com/12668>

Dial-in Instructions: Please dial in 5-10 minutes prior to the scheduled start time and ask to join the Blackline Safety Corp. earnings conference call.

- Canada/USA Toll Free: +1-800-319-4610

- Toronto Toll: +1-416-915-3239
- International Toll: +1-604-638-5340

A replay will be available after 2:00 PM ET on September 14, 2023 through October 14, 2023 by dialing +1-800-319-6413 and entering access code 0356.

Hewlett Packard Enterprise reports fiscal 2023 third quarter results

29 August 2023

Hewlett Packard Enterprise announced financial results for the third quarter ended July 31, 2023.

“HPE delivered another solid quarter in Q3, powered by standout performances in the Intelligent Edge and HPE GreenLake,” said Antonio Neri, president and CEO of Hewlett Packard Enterprise. “Demand improved sequentially across all key business segments, with particular strength in our HPC & AI segment as customers discover HPE’s unique capabilities to power unprecedented levels of performance for AI at scale. Our strategic shift toward edge, hybrid cloud and AI delivered through our HPE GreenLake platform is working.”

“The pivot in our portfolio toward higher-growth, higher-margin markets is clearly visible in our year-over-year expansion of gross margins,” said Jeremy Cox, senior vice president, interim CFO, corporate controller and chief tax officer of Hewlett Packard Enterprise. “Our differentiated edge-to-cloud strategy is fueling strong results in an uneven market.”

Third Quarter Fiscal 2023 Segment Results

- Intelligent Edge revenue was \$1.4 billion, up 50% from the prior-year period in actual dollars and 53% in constant currency⁽¹⁾, with 29.7% operating profit margin, compared to 16.5% in the prior-year period.
- High Performance Computing & Artificial Intelligence (“HPC & AI”) revenue was \$836 million, up 1% from the prior-year period in actual dollars and 3% in constant currency⁽¹⁾, with (0.8)% operating profit margin, compared to 3.4% from the prior-year period.
- Compute revenue was \$2.6 billion, down 13% from the prior-year period in actual dollars and 10% in constant currency⁽¹⁾, with 10.9% operating profit margin, compared to 13.5% from the prior-year period.
- Storage revenue was \$1.1 billion, down 5% from the prior-year period in actual dollars and down 2% in constant currency⁽¹⁾, with 10.7% operating profit margin, compared to 14.3% from the prior-year period.
- Financial Services revenue was \$873 million, up 7% from the prior-year period in actual dollars and in constant currency⁽¹⁾, with 8.4% operating profit margin, compared to 11.8% from the prior-year period. Net portfolio assets of \$13.5 billion, up 7.5% from the prior-year period in actual dollars and up 5.2% in constant currency⁽¹⁾. The business delivered return on equity of 15.8%, down 3.8 points from the prior-year period.

Dividend

The HPE Board of Directors declared a regular cash dividend of \$0.12 per share on the company's common stock, payable on October 13, 2023, to stockholders of record as of the close of business on September 14, 2023.

Fiscal 2023 Fourth Quarter Outlook

HPE estimates revenue to be in the range of \$7.2 billion to \$7.5 billion. HPE estimates GAAP diluted net EPS to be in the range of \$0.36 to \$0.40 and non-GAAP diluted net EPS to be in the range of \$0.48 to \$0.52. Fiscal 2023 fourth quarter non-GAAP diluted net EPS estimates exclude after-tax adjustments of \$0.12 per diluted share, primarily related to, stock-based compensation expense, amortization of intangible assets, and acquisition, disposition and other related charges.

Fiscal 2023 Outlook

HPE estimates fiscal 2023 revenue growth to be in the range of 4% to 6% in constant currency⁽¹⁾, and targets fiscal 2023 GAAP operating profit growth to be in the range of 180% to 184% and non-GAAP operating profit⁽⁴⁾ growth to be in the range of 6% to 7%. HPE reiterates GAAP diluted net EPS to be in the range of \$1.42 and \$1.46 and raises non-GAAP diluted net EPS guidance to be in the range of \$2.11 and \$2.15. Fiscal 2023 non-GAAP diluted net EPS estimates exclude after-tax adjustments of \$0.69 per diluted share, primarily related to stock-based compensation expense, amortization of intangible assets and transformation costs.

Invitation to Tecsys' Conference Call on September 8, 2023, Covering First Quarter FY2024 Results

25 August 2023

Tecsys Inc. will release its financial results for the first quarter of fiscal year 2024 ended July 31, 2023 on September 7, 2023 after the markets close. Tecsys President and CEO Peter Brereton, and CFO Mark J. Bentler, will host a conference call on September 8, 2023 at 8:30 a.m. EDT to present and discuss the results with the analysts.

Subject: Q1 FY2024 Financial Results Conference Call

Date: September 8, 2023

Time: 8:30 a.m. EDT

Phone number: (877) 209-9554 or (416) 981-9007

The call can be replayed until September 15, 2023 by calling (800) 558-5253 or (416) 626-4144 (access code: 22027896).

Implementation Investments

Athora Netherlands Expands Strategic Partnership with TCS

31 August 2023

Tata Consultancy Services (TCS) has expanded its long-standing partnership with Athora Netherlands, a Dutch life insurance and pension provider, to help the latter adopt a business and IT operating model that will enhance customer experience, operational resilience and business agility.

This partnership with TCS will contribute to Athora Netherlands' Ambition 2025 program to become a leading, focused pensions and life insurance company. As part of this multi-year partnership, TCS will manage the complete business and IT operations across policy servicing, claims handling, and customer service for Athora's closed book of life insurance policies under the Reaal brand.

TCS will help set up a hybrid cloud architecture built on TCS Enterprise Cloud and powered by the TCS Alpha Platform. TCS Enterprise Cloud will offer flexible engagement models while enhancing operational efficiencies. The flexible and scalable cloud will allow Athora Netherlands to meet evolving business needs and enhance customer satisfaction.

With its Machine First™ Delivery Model (MFDM™) and DevSecOps capability, TCS will bring automation and agility to Athora's business and IT operations. The next-gen IT operating model will increase business velocity, improve operational resilience and enhance the end-user experience, enabling Athora to drive superior business outcomes.

As part of the expanded partnership, TCS will induct several Athora Netherlands employees from its life service business and set up a nearshore delivery center in Alkmaar, close to Athora's business center in the Netherlands. The inducted employees will continue to perform the day-to-day management of the Life Service Business in order to facilitate a smooth continuation of the services to Athora's customers.

"This strategic partnership is an important step for our Life Service Business. TCS' extensive insurance operations and IT expertise will help us to secure business continuity as the portfolio gradually runs-off. Furthermore, it will help us to improve customer service levels, while it will make our cost base more flexible. I want to thank all the employees involved in the transfer for their dedication and I wish them all the best as they continue to serve our valued customers after the transfer to TCS," said **Bart Remie, Chief Technology & Operations Officer, Athora Netherlands**.

"TCS combines its contextual knowledge with domain and technology expertise to help global insurers transform into modernized, digital enterprises," said **Hemakiran Gupta, Head of Banking, Insurance and Financial Services, Europe, TCS**. "We are pleased to deepen our partnership with Athora Netherlands. Our deep domain, application and insurance operations expertise combined with the next-gen hybrid cloud architecture powered by TCS Enterprise Cloud will enable them to deliver unmatched customer experience and build resilience."

Dart Transit Selects Trimble Instinct and Video Intelligence Fleet Management Solutions for Improved Driver Experience and Safety

30 August 2023

Trimble announced that Dart Transit Company, based in Eagan, Minn, has selected Trimble's Instinct driver experience and Video Intelligence fleet management solutions. Dart will be implementing the Trimble technologies across its fleet of more than 1,000 trucks to create a more connected driver and fleet management experience, while improving the safety, compliance and efficiency of its fleet.

Founded in 1934, Dart is one of America's largest and most successful truckload dry van carriers, providing shippers with a wide variety of transportation-related services through the Dart Network of companies. Dart's core values include safety and engagement, both of which convey Dart's commitment to adopting the latest in transportation technology to improve outcomes for their drivers.

"At Dart, we believe the future of fleet management is anchored in a connected experience between the back office and our drivers," said John Stomps, CEO of Dart Transit. "Trimble's Instinct and Video Intelligence solutions deliver just that—a consistent and streamlined ecosystem that will empower our continuous pursuit of safety and innovation."

Instinct is Trimble's next-generation in-cab experience, improving productivity and performance through effective driver workflows and an innovative mobile ecosystem. Its integrated suite of applications enhances the driver, dispatch and telematics experience for more control and customization.

According to the **AAA Foundation for Traffic Safety**, installing video-based onboard safety monitoring systems on all large trucks could potentially prevent an estimated 63,000 crashes, 17,700 injuries and 290 deaths each year. Trimble Video Intelligence is an **award-winning safety solution** that addresses those concerns and provides fleets with a neutral eyewitness perspective in and around their vehicles. Through a combination of high-definition forward, side and rear-facing cameras, Trimble Video Intelligence helps fleets protect themselves—triggering video by company-controlled settings to facilitate driver coaching opportunities and capture high-resolution video in the event of an accident.

"Dart's decision to partner with Trimble demonstrates a commitment to realize a shared goal—raising the bar for fleet protection and driving efficiencies through the use of technology in both the back office and in-cab," said Paul Cardosi, sector vice president of Global Mobility for Trimble. "Together, Instinct and Video Intelligence will provide Dart with an intuitive experience, seamlessly connecting drivers, fleet managers and safety personnel."

ELK FERTIGHAUS: AMBITIOUS GROWTH TARGETS THANKS TO SEMA SOFTWARE

30 August 2023

18 months ago, the largest prefabricated house manufacturer in Austria gave the go-ahead for the launch of the SEMA software. A high degree of standardization was needed for the

production of about 85 houses per month. From planning, work preparation and execution planning to fully automatic production - the entire process chain was to be integrated into a consistent system.

The rapid introduction of the software was achieved thanks to the simple and plausible operating concept. The software is easy to learn for the end user and very user-friendly in its application. Project Manager Stefan Frasl, Head of Department Design Planning at ELK: "It was amazing how quickly our planning and design team converted the processes to the SEMA software. The output was constantly increased, the processes during the implementation were refined and optimized. Already after less than six months of training we were productive." In September 2018, the first projects and prefabricated houses were successfully planned with SEMA and roof, ceiling and wall were consistently modular. In the meantime, all new projects from planning and design to production are handled using the SEMA solution. The entire building services such as plumbing, electrical installations and ventilation are planned and implemented with SEMA.

ELK appreciates the high added values generated by the new solution. Machine-ready plans and all data are provided automatically. "The execution has been greatly simplified with free designing in 3D. The probability of errors occurring has been minimized again due to the full control in the 3D mode, for example in the case of wall connections. Evaluations and material lists are very detailed, I receive all volumes and parts lists at the touch of a button. Consequently, we can plan with a high level of quality," says Stefan Frasl.

With its subsidiary in Germany, ELK intends to triple the number of houses sold and become one of the top 3 manufacturers of prefabricated houses in Europe. As of autumn, customers should be able to devise their dream home on the Internet using a configurator. "Thanks to the standardization of our digital processes by our competent partner SEMA and the good cooperation, we can set ourselves these goals," emphasizes Thomas Scheriau, Managing Director of the ELK company.

[HCLTech Signs An Exclusive Preferred Professional Services Agreement With Cloud Software Group For TIBCO Solutions](#)

28 August 2023

HCLTech, a leading global technology company, announced an exclusive preferred professional services agreement with Cloud Software Group, to help implement, upgrade, modernize and provide services for all TIBCO products for enterprise customers across the globe. This partnership will help drive better value for end customers leveraging TIBCO products to further accelerate their data-driven digital transformation.

Cloud Software Group is the company formed upon completion of the Citrix take-private transaction and related combination with TIBCO. Today, Cloud Software Group provides the modern enterprise with mission-critical software through its key brands, including TIBCO, Citrix, NetScaler, Spotfire, XenServer, ShareFile, and Jaspersoft.

Cloud Software Group's TIBCO customers will have access to enhanced digital transformation capabilities through HCLTech's technology offerings and consulting expertise across digital, cloud, automation, engineering and process optimization.

The addition of TIBCO products will further strengthen HCLTech's professional services portfolio that already includes a comprehensive set of software product lines.

Close to 400 professional services employees from Cloud Software Group with expertise in TIBCO products will transition to HCLTech, bringing their deep domain knowledge to serve ongoing customer relationships and scale up HCLTech's existing TIBCO Center of Excellence.

"At Cloud Software Group, we're constantly searching for opportunities to deliver an exceptional customer experience," said Scott Harris, Senior Vice President, Cloud Software Group. "Through this partnership, we are enhancing and expanding how we support our TIBCO customers along their data journeys. With HCLTech's long-standing history of expertise in innovation and cutting-edge digital technologies, we can further empower enterprises as they unlock the potential of real-time data through our platform."

"This is a win-win partnership for both companies. We look forward to collaborating with Cloud Software Group's product and support teams, adding yet another differentiator to our IT services portfolio," said Anil Ganjoo, Chief Growth Officer, Americas, TMT and RCPG, HCLTech. "We look forward to an amazing journey with the new employees from Cloud Software Group and are thrilled to welcome them to HCLTech."

HPE Aruba Networking establishes network solutions for retail technology company, Kurly, for its state-of-the-art logistics system

28 August 2023

Hewlett Packard Enterprise announced that it has established an automated, network architecture, including intelligent wireless LAN infrastructure from HPE Aruba Networking, to create a state-of-the-art logistics system for Korea's leading retail technology company, Kurly, for simpler, highly automated and more reliable operations and logistics.

Founded in 2014, Kurly is the first retail technology company to have started an overnight delivery service using an integrated end-to-end refrigerated supply chain. By leveraging its own data, Kurly advanced the logistics process and increased efficiency by predicting order demand and minimizing disposal rates with increased automation. The company opened its largest logistics center in Pyeongtaek, South Korea, in May 2023 to expand its services and reorganize its distribution network.

Kurly selected HPE Aruba Networking to build an integrated infrastructure for its state-of-the-art logistics center and improve its logistics system by incorporating the latest intelligent wireless LAN infrastructure.

The logistics center is operational 24x7 and hence an uninterrupted service is critical for business. HPE Aruba Networking established an intelligent wireless LAN infrastructure based on HPE Aruba Networking Mobility Conductor that can deploy up to 1,000 mobility controllers and

simplify management. This allows high levels of scalability and automated firmware upgrades without interruption of wireless services.

"Kurly is committed to providing the best products and services to customers by introducing state-of-the-art IT technologies into logistics systems faster than anyone else," said Hyun Geun Park, Head of IT Team at Kurly. "The Pyeongtaek Logistics Center is the largest among Kurly's logistics centers and serves as a nationwide hub for Kurly's shipping service and therefore it was very important to secure stability and efficiency. With the introduction of the HPE Aruba Networking solution we expect the logistics efficiency will greatly improve."

As Kurly has secured over 10 million customers, HPE introduced a high-performance and high-capacity solution using HPE Aruba Networking CX Switch Series with 19Tbps to ensure Kurly can operate smoothly during periods of peak network traffic. The network is configured to handle all available traffic, and allows virtualization, automation, and redundancy to ensure safety.

In the logistics warehouse, various operating devices such as conveyor belts are likely to cause interference around the network. To prevent this, HPE applied HPE Aruba Networking AirMatch AI technology to learn channel status information and automatically assign all access points every 24 hours with optimal radio frequency channel so that the solution can automatically learn, apply, and maintain radio quality.

Kurly measures and optimizes wireless service quality with AI-enabled HPE Aruba Networking UXI sensors, which have been integrated in small wireless devices used for logistics management. This enables Kurly to establish a network quality detection system that automatically identifies and responds more quickly to problems.

"Today, many companies want to respond quickly to rapidly changing business needs through network modernization," said Charles Incheol Kang, Country Manager, HPE Aruba Networking in Korea. "Kurly is at the forefront of this trend, and the introduction of HPE Aruba Networking solutions has enabled them to secure a safer and more efficient, advanced logistics system. We are glad to collaborate with Kurly and look forward to supporting their business in their digital transformation journey in the future."

KORE Empowers National Retailer's Digital Transformation with 5G Connectivity

29 August 2023

KORE, a global leader in IoT solutions and a pioneering IoT hyperscaler and provider of IoT Connectivity, Solutions and Analytics, announced its collaboration with a major national retailer to catalyze its digital transformation. By delivering advanced 5G connectivity, KORE is powering a nationwide shift towards digital-first retail, from security systems to customer experiences.

In a world where digital prowess is paramount, reliable connectivity is the cornerstone of innovation. KORE's 5G solutions and services, including failover options, provide the link for these retailers to reimagine inventory management, business operations, and customer service.

"Long gone are the days of interrupted sales or laborious stock checks," said Romil Bahl, KORE's President and CEO. "KORE's 5G connectivity will ensure business continuity for this retail chain,

even when primary connections fail, while also putting agile inventory and operations management in action."

KORE's commitment to its customers goes beyond connectivity. The company's hardware sourcing and managed services streamline installations and configurations, ensuring a frictionless digital transition.

This digital transformation isn't just about mitigating risks; it's about affordability and efficiency. Bahl emphasizes, "KORE's 5G service guarantees reliability and eliminates hefty building costs, a stark contrast to the burdensome expense of wired services."

KORE's alliance with the national retailer signals a turning point for retail, where 5G connectivity pioneers a new era. Retailers nationwide are embracing this transformation, driven by the agility, efficiency, and robustness of KORE's advanced solutions.

LTIMindtree collaborates with CAST AI to help Businesses Optimize Their Cloud Investments

28 August 2023

LTIMindtree, a global technology consulting and digital solutions company, announces a strategic collaboration with CAST AI, a leading SaaS company that specializes in automated cost optimization for customers who run their cloud-native applications on Google Cloud, AWS, and Microsoft Azure. The partnership will help companies save, on average, over 60 percent on cloud costs as they modernize legacy applications for cloud migration.

This collaboration brings together LTIMindtree's Infinity platform, with CAST AI's cloud cost optimization platform to provide enterprises with a complete view of their cloud portfolio. This combined offering will empower organizations to optimize Kubernetes management and costs in a single or multi-cloud environments, without any manual intervention. It will also help free up the customers' time from routine tasks by automating 100% of their cloud-native infrastructure, resulting in increased stability and reduced costs.

"We're thrilled to partner with LTIMindtree, a world leader in helping organizations navigate the digital transformation journey," said Yuri Frayman, CEO and Co-founder, CAST AI. "Our speciality at CAST AI revolves around cloud cost optimization. Google Cloud Platform alone has some hundreds of virtual machines on offer. The manual effort of configuring resources, picking virtual machines, and setting auto-scaling policies is overwhelming. And frankly, it costs more than its optimization impact. We automate the entire process, reducing your cloud costs in real-time."

"This partnership with CAST AI has enabled us to offer discrete services to our customers aligned with their business goals and objectives. Through this collaboration, we are assisting our customers in deriving value from their cloud investments through enhanced end-to-end observability & cost optimization, along with freeing up their budget for modernization," said Nachiket Deshpande, Whole-Time Director, and Chief Operating Officer, LTIMindtree.

The collaboration will strengthen the value proposition and help the organizations align their cloud usage strategies and achieve continuous cost savings.

Modineer is “All-In” on Actify APM for Launching OEM Supply Programs

29 August 2023

Actify, the leading provider of visualization and program management solutions for the automotive supply chain, announced that Modineer, a stamping and fabrication component supplier, has standardized its program management launch process using the Actify Automotive Program Management (APM) suite. By standardizing operations across its manufacturing plants, Modineer is implementing a consistent, repeatable, and scalable program launch methodology that provides clarity and confidence to both internal stakeholders and OEM customers.

Modineer operates in a make-to-program environment where it engineers and delivers components to exact customer specifications. The company has enhanced and expanded its fabrication capabilities through a series of acquisitions and capital investment. Its Vice President of IT, Mike Lewandowski, was brought in with the purpose of unifying processes and deploying best-in-class systems across the entire company.

Lewandowski identified the possibility of using Actify APM to standardize the critical and complex development and launch process that transforms a customer’s design into a production part or assembly. He enlisted a team to conduct an extensive proof of concept to evaluate Actify’s ability to replace the existing launch processes with a single system that combines program and project planning, deliverable monitoring, change management, and reporting. After testing its effectiveness at running dozens of programs, the Modineer team voted to expand Actify APM implementation to 100% of its programs across all its plants.

“We are all-in on Actify APM,” said Lewandowski. “By adopting Actify we now have a company-wide program launch process that enables benchmarking and ongoing improvement. We can easily see where programs and projects stand with respect to launch outcomes, plus we know where issues are arising and what we need to do to address them. Our customers are more confident in our ability to meet launch milestones and our teams know exactly what they need to do and when. We have replaced legacy approaches and fragmented systems with a single source for program information that is far simpler and more productive to use by team members across the company.”

“Modineer is more than our customer,” said David Opsahl, CEO at Actify, “they are a partner who has given us the practitioner feedback and insight that’s essential to any new software solution. Modineer is on our Customer Advisory Board and has been instrumental in creating a breakthrough solution for the automotive supplier community.”

Riverina Water Boosts Customer Satisfaction with Infor-led Digital Transformation Program

29 August 2023

Infor®, the industry cloud company, announced that Riverina Water has deployed Infor CloudSuite Public Sector Customer and Billing modules as part of its ambitious digital transformation project, with early, positive signs for the organisation that will have a flow-on

effect on customers set to reap the rewards of real-time transaction capabilities anywhere, anytime and on any device.

The strategic move to implement Infor's cloud-based enterprise software platform is in line with Riverina Water's unwavering pursuit of customer excellence. In a survey earlier this year across its supply area of Wagga Wagga City, Lockhart Shire and parts of Greater Hume and Federation council areas, overall satisfaction with customer service scored 4.69 out of 5. As a winner of the prestigious Sam Samra Award for Most Improved Local Water Utility in New South Wales (NSW), Riverina Water's deployment of Infor CloudSuite Public Sector will be instrumental in helping better manage costs, secure IT investments and improve service delivery to more than 77,000 customers by retiring legacy systems and moving to the cloud.

Infor CloudSuite Public Sector, which includes Infor Financials & Supply Management, Infor CIS Billing and Infor Enterprise Performance Management (EPM) for integrated planning, budgeting, forecasting and financial consolidation, business intelligence and analytics, was selected following a competitive tender process in a bid to ensure that Riverina Water is well positioned to operate in an increasingly digital world, while supporting efficient work processes, procedures and service delivery — both internally and externally.

"We're pleased that Infor has been able to deliver on the first phase of our transformation program. The system has been in production for only two months, and we're already seeing tangible benefits with a number of manual processes now automated. I'm looking forward to seeing how it will further benefit our customers into the future," said Andrew Crakanthorp, CEO at Riverina Water.

"Infor plays an important role as a trusted partner in our commitment to providing safe and reliable drinking water to an ever-growing community. Infor was selected for its deep water industry experience and a cloud offering that's flexible, agile, secure and customizable — all ingredients of the right industry-specific solution for our needs as we look to strengthen service delivery and enhance our standing as a customer-centric organisation with best-in-class customer service," Crakanthorp said. "Importantly, we see this as a long-term partnership that will help meet our strategic goals."

Riverina Water is planning for future rollouts of Infor solutions, including asset management, financials, supply chain management and Infor's managed service, CareFor.

Infor has a proven track record around the world as the cloud solutions provider of choice for utilities and government entities' digital transformation programs. In New Zealand, Infor was recently named as the "systems of record" for its water reform program. The country's largest water authority, Watercare, is a long-standing customer, so, too, Waikato Regional Council, alongside six of the 18 water corporations in Victoria, Australia. In the U.S., leading water authority Elsinore Valley Municipal Water District is also a customer.

"We are delighted with the success of Riverina Water's digital transformation project thus far, particularly since the deployment started towards the end of the pandemic," said Terry Smagh, Infor senior vice president and general manager of Asia Pacific and Japan. "We're proud to play our part in meeting Riverina Water's strategic goals, so they can succeed in a world where

customers expect 24/7, always-on functionality with real-time capabilities. Both organisations are driven by a shared commitment to customer excellence, and Infor's industry-specific, purpose-built CloudSuite solution will ensure enhanced service delivery and outcomes for Riverina Water's end-customers, internal users and external stakeholders alike."

Swarovski Enables the Execution of Creative Direction with Centric Software Solutions

31 August 2023

Centric Software® is delighted to announce the release of a success story about its customer, Swarovski.

Founded in 1895 in Austria, the company designs, manufactures and sells fine crystal, gemstones, jewelry and accessories, Swarovski Created Diamonds and zirconia as well as crystal objects and home accessories. Swarovski Crystal Business has a global reach to about 140 countries and employs more than 18,000 people. Swarovski sells direct-to-consumer as well as via retailers, with limited sales of crystals as raw materials to select, high-end brands.

The company found themselves in the situation of having implemented two different PLM systems within several months of each other, to serve separate departments. Even during the implementation of one PLM, it became apparent that the system lacked the functionality Swarovski needed. To make up the shortfall, their expert IT team customized the PLM to get it up to speed. Then the next hurdle was to get the two PLM systems to talk to each other. Head of Brand Operations Marketing at Swarovski, Martin Buchbauer says, "We tried to connect those two systems to one another and also to our ERP. It was highly complex to create these connections. We operated like this for a couple of years, but weren't satisfied."

Swarovski decided to go down to one PLM, and began their search with the obvious choice—the other legacy system they were using—but after just a few exploratory sessions, it was clear that another solution needed to be found. Once contact was made with Centric Software, things moved quickly. Buchbauer says, "We explained our situation and within a very short time—a couple of weeks—Centric managed to set up some demo sessions and use-cases."

Among the benefits that convinced Swarovski to select Centric PLM™ were seamless integration with ERP, automating a new idea-to-shelf process, increased data accuracy and what turned out to be a whopping 93% reduction in the number of spreadsheets!

The Estée Lauder Companies Inc. and Google Cloud Partner to Transform the Online Consumer Experience with Generative AI

29 August 2023

Google Cloud and The Estée Lauder Companies Inc. (ELC), a global leader in prestige beauty, announced an expansion of their strategic partnership to pioneer new uses of generative AI across ELC's brand sites as part of its mission to transform the luxury digital experience. ELC was an early collaborator in the beauty industry to tap Google Cloud to accelerate its technology strategy. Through this partnership, ELC and Google Cloud will collaboratively explore AI-

powered solutions to better understand consumer sentiment, inform R&D efforts, and translate the magic of prestige beauty brands into best-in-class, high-touch digital experiences.

Google Cloud's gen AI capabilities will power real-time monitoring of consumer sentiment and feedback, allowing ELC to proactively address consumer concerns, respond to external trends, and ultimately improve consumer experiences. ELC is also developing new gen AI business applications on Google Cloud's AI platform, Vertex AI, to streamline operations and simplify business workflows to drive down operating costs while creating new opportunities for productivity. ELC is also using PaLM 2, Google's large language model (LLM), to more completely understand consumer sentiment on brand channels like social media, call center operations, and more.

"At The Estée Lauder Companies, we aim to delight consumers with transformative products and services. Through our collaboration with Google Cloud, we are creating high-touch, personalized experiences online that our consumers expect from every interaction with our brands," said **Gibu Thomas, EVP Online, The Estée Lauder Companies Inc.** "By working with Google Cloud's generative AI technologies, our data science teams are unlocking new ways to serve our consumers."

Today's announcement builds on top of a multi-year partnership between the two companies in which ELC has worked with its development partner, **Eviden**, to deploy a data analytics platform across marketing, sales, and operations. Using Google Cloud technologies, such as Vertex AI, BigQuery, and Looker, ELC has been able to consolidate its data into a single environment to better understand consumer intent and tailor consumer experiences for 20+ brands (including Estée Lauder, Clinique, Tom Ford Beauty, and more) across 40+ countries. With Google Cloud's Retail Search and Recommendations AI solutions, ELC has created personalized experiences for consumers across its websites to increase consumer satisfaction, create new cross-selling opportunities, and optimize customer lifetime value.

"The beauty market is undergoing a significant transition, with heightened consumer expectations, ever-changing trends, and a shift to personalization," said **Thomas Kurian, CEO, Google Cloud.** "Our work with The Estée Lauder Companies to build a foundational data platform is now helping drive new generative AI use cases that will transform the consumer experience and the beauty industry overall."

Triumph Looks to Centric Planning to Boost Business Transparency

29 August 2023

Centric Software®, developer of an innovative product concept to launch platform and the Product Lifecycle Management (PLM) market-leader, proudly announces the expansion of its partnership with leading lingerie brand, Triumph Group ("Triumph"). Centric Software provides enterprise solutions to plan, design, develop, source, price and sell products such as fashion, footwear, luxury, outdoor, consumer electronics, cosmetics and food & beverage to achieve strategic and operational digital transformation goals.

One of the world's leading intimate apparel companies, Triumph Group was founded in 1886 in Heubach, Germany and is 5th generation family owned. Triumph has been crafting lingerie and

helping women look and feel their best for over 135 years. Triumph is truly an international company serving 20,000 wholesale customers and selling its products in more than 2,300 points of sale as well as via several e-commerce sites.

In 2022, Triumph made the strategic decision to replace its legacy Merchandise Planning solution to be more aligned with the sophistication and nuances of the scale of the company.

“We identified very specific and strategic marketing and business demands as well as wanting to increase transparency across the board,” explains Pedro Monteiro, Global Sales Planning Lead at Triumph. “We need a more robust solution, specifically covering the merchandise planning process. And it made sense for us to enter this new phase harnessing AI and machine learning technologies for forecasting.”

Monteiro and his team were familiar with Centric Software, as Triumph has been using Centric’s flagship Product Lifecycle Management (PLM) solution since 2015. One of their criteria was to find a tool that could easily integrate with Centric PLM™ but ultimately Triumph selected Centric Planning™ for its innovative technology and user feedback.

“Centric’s expertise and the product capabilities were evident during the demo process,” says Monteiro. “We saw a superior planning technology solution and Centric customer referrals shared positive feedback including rapid deployment, high user adoption and quick, tangible business results. We also liked that Centric Planning was built for the omni-channel age.”

“It’s a tree of complexity we need to gather in one platform where information is transparent and we can leverage automation for planning tasks,” explains Monteiro. “With Centric Planning we expect to be far more agile in two key areas — forecast accuracy and time to market by speeding all aspects of the planning process and rapidly responding to market changes.”

“Our trick has been involving a core team representing all user groups since the beginning of the vendor selection process,” shares Monteiro. “We all have a clear strategic vision of what we want and expect in the future, and top-level management is heavily involved.”

“I’m expecting life to be easier,” says Monteiro. “My team and I are excited to be bringing new opportunities to the business and ushering in a transformational change.”

“We are thrilled that Triumph has deepened their partnership with us by selecting Centric Planning for their digital transformation goals,” says Chris Groves, CEO of Centric Software. “We look forward to their continued success and growth through this exciting phase.”

Product News

Automate Procore Site Setup & Instantly Connect External Systems

30 August 2023

Building on the success of its automated project setup feature for Microsoft 365, leading provider of collaborative project information management software for Architecture, Engineering, and Construction (AEC) projects **ProjectReady**, in partnership with **Procore Technologies, Inc.**, a leading provider of construction management software, announced users

can now automate Procore site creation as part of the solution's Automated Project Setup functionality. This solution further simplifies setup and connection of multiple project systems, platforms, and common data environments (CDEs) while reducing administrative overhead and rework.

"With so many systems in play on a single project, requiring different professionals to set up their project in different platforms can get redundant," said **Joe Giegerich**, ProjectReady CEO. "We are giving users a streamlined user experience and a single access point for administration of the various sites and systems on a project. Automating the setup of the technology a project team needs to collaborate and communicate on project information, like Procore, SharePoint, Microsoft Teams, and Outlook, saves time and resources."

ProjectReady's automated Procore site setup solution offers an unparalleled level of efficiency and convenience for AEC professionals and project owners. By eliminating manual site creation tasks, the new feature empowers project teams to focus on core responsibilities while removing administrative overhead, accelerating project timelines, and increasing productivity. According to **Shaili Modi-Oza**, head of development at ProjectReady, when automating setup of Procore and its connection to other project platforms with ProjectReady, all systems in play will have the same project ID, same metadata, and a singular process that ensures everything matches delivering a scalable taxonomy and a single source of truth as it relates to project information across platforms.

Automate Procore Site Setup For Maximum Project Consistency

Automated Procore site provisioning with ProjectReady gives project teams a seamless process for setting up new projects, Modi-Oza continued. In fewer than five minutes, a project team can gain access to a project-specific site in Procore, a secure SharePoint site, Microsoft 365 group email address, Microsoft Team, and instant connectivity to other systems in play, including Autodesk Build™, Autodesk BIM 360™, PlanGrid™, BOX, and Bluebeam.

ProjectReady also allows users to deploy and manage security and governance at the project and portfolio levels, collaborate across connected workflows, and sync content across all connected systems.

Cadence Collaborates with Arm to Accelerate Neoverse V2 Data Center Design Success with Cadence AI-driven Flows

30 August 2023

Cadence Design Systems, Inc. announced an expanded collaboration with Arm to speed data center silicon success on the Arm® Neoverse™ V2 platform. Through the collaboration, Cadence fine-tuned its AI-driven RTL-to-GDS digital flow for Neoverse V2 and delivered corresponding 5nm and 3nm Rapid Adoption Kits (RAKs), empowering customers to achieve power, performance and area (PPA) targets faster. In addition, the Cadence® AI-driven verification full flow supports Neoverse V2, providing designers with optimal verification throughput and preparedness for Arm SystemReady compliance.

Cadence AI-Driven Digital Full Flow for the Neoverse V2 Platform

The comprehensive AI-driven Cadence RTL-to-GDS digital full flow RAKs for 3nm and 5nm nodes includes the Genus™ Synthesis Solution, Modus DFT Software Solution, Innovus™ Implementation System, Quantus™ Extraction Solution, Tempus™ Timing Solution and ECO Option, Voltus™ IC Power Integrity Solution, Conformal® Equivalence Checking, Conformal Low Power and the AI-based Cadence Cerebrus™ Intelligent Chip Explorer.

The digital RAKs provide Arm Neoverse V2 designers with several key benefits. For example, the Cadence Cerebrus AI capabilities automate and scale digital chip design, delivering better PPA and improving designer productivity. Cadence iSpatial technology provides an integrated and predictable implementation flow for the faster design closure. The RAKs also include a smart hierarchy flow that delivers optimal turnaround times on large, high-performance CPUs. The Tempus ECO technology offers signoff-accurate final design closure based on path-based analysis. Finally, the RAKs incorporate the GigaOpt activity-aware power optimization engine to significantly reduce dynamic power consumption.

Cadence AI-Driven Verification Full Flow Support for Arm Neoverse V2

The Cadence AI-driven verification full flow optimized to support Arm Neoverse V2 includes the Xcelium™ Logic Simulation Platform, Palladium® Enterprise Emulation Platforms, Protium™ Enterprise Prototyping Systems, Helium™ Virtual and Hybrid Studio, Jasper® Formal Verification Platform, Verisium™ Manager Planning and Coverage Closure tools, Perspec™ System Verifier, and VIP and System VIP tools and content for Arm-based designs.

The Cadence verification full flow provides Neoverse V2 designers with pre-silicon server base system architecture (SBSA) compliance verification and optimized PCI Express® (PCIe®) integration. In addition, the Cadence Helium Virtual and Hybrid Studio includes editable virtual and hybrid platform reference designs for Neoverse V2, incorporating Arm Fast Models to jumpstart early software development and verification. The Helium gearshift technology enables customers to position workloads in a high-performance hybrid environment before shifting to a fully accurate RTL environment, offering detailed verification using either the Palladium or Protium platforms.

“The growing demand for complex workloads such as big data analytics, HPC and ML inference requires specialized compute solutions that achieve greater performance and efficiency,” said Eddie Ramirez, vice president of go-to-market, Infrastructure Line of Business at Arm. “Through this latest collaboration, customers can leverage Cadence’s comprehensive digital and verification flows to validate their solutions and bring the power of their Neoverse V2-based products to market faster. Furthermore, silicon partners will get the benefits of these advanced design flows when running their EDA workloads on Arm-enabled servers and cloud instances.”

“Customers are always looking to accelerate the pace of innovation, and the Arm Neoverse V2 platform provides the foundation needed to address advanced compute requirements for data center silicon success,” said Kam Kittrell, vice president, product management in the Digital & Signoff Group at Cadence. “Through our expanded collaboration with Arm, customers using the AI-driven digital full flow 3nm and 5nm RAKs for Neoverse V2 designs benefit from improved

productivity and faster time to tapeout. In addition, by optimizing our AI-driven verification full flow, customers have access to all the tools necessary to verify RTL and perform pre-silicon software validation to ensure full system success.”

CCTech Announces the Release of Autonomous HVAC CFD 2024

29 August 2023

The Centre for Computational Technologies (CCTech) today announced the release of Autonomous HVAC CFD 2024, supercharged with fusion of AI and CFD to drastically improve the HVAC design professional productivity. The new version reimagines the indoor environment design journey, providing engineers with advanced tools to streamline building physics workflows, increase accuracy, and enable the creation of mechanical design outcomes that meet ASHRAE and building code standards while ensuring optimal comfort and IAQ.

“Every moment of our life, we breathe air, feeling the thermal sensation of surroundings. The air around us profoundly impacts our physiology, thinking, creativity, innovation, relationships, life expectancy, daily actions, productivity, and well-being. Our gadgets, such as phones, cars, and laptops, are highly engineered using a lot of CFD simulations. On the contrary, CFD is not used while designing homes, offices, schools, and malls, where we spend most of our time. It's the indoor environment that affects our health and well-being more,” said Sandip Jadhav, CEO of CCTech. “We at CCTech have developed an Autonomous HVAC CFD 2024 to remove all the barriers hindering HVAC professionals from applying advanced CFD simulation in every built space design. HVAC professional engineers and architects can leverage our new app to build better indoor environments and better HVAC designs that ensure every occupant has optimal thermal comfort, excellent indoor air quality, building code compliance, energy efficiency, and a minimum carbon footprint towards a more sustainable future”

Let's walk through the most exciting key features of AHC 2024.

Revit & Autodesk Construction Cloud Data Integration

The big challenge of our construction industry is that our data is scattered all over the place, locked in different softwares. One uses on average five to eight software to do different things. A lot of time is wasted in file translations, data extraction, transformations and loading manual data, thus increasing the possibility of compromising the data security. HVAC design is an iterative process, therefore it's very important to have connected workflows that can handle changes easily.

To solve this problem, this year we built two Data Exchange connectors with Revit and Autodesk Construction Cloud for AHC 2024. Users can download them from the Autodesk app store for FREE. These connectors bring highly granular BIM data into the AHC 2024 application. Engineers can leverage Revit's advanced modeling capabilities, extensive library, and create intricate architectural designs while exploring multiple air distribution design options. Connectors have been intelligently designed to handle the seamless flow of data from source to AHC application, under the hood doing all the required validations and mappings. Users can easily reach the simulation stage in just a few minutes.

AHC Revit Connector

Effortless Load Calculations and Optimal CFM Suggestions

In direct response to user feedback, AHC 2024 now makes it easy for HVAC engineers to perform load calculations and upon completion, provides a promptly generated load calculation report in PDF format. The software guides engineers with CFM suggestions for each space while constructing an air distribution system, ensuring proper equipment sizing. Engineers can delve deeper into design intricacies by assessing component loads under varying conditions, including weather and internal influences.

ASHRAE 55 Compliance and Local Thermal Discomfort

Within this year's specialized and interactive results section, a new badge takes center stage: ASHRAE 55 Local Thermal Discomfort results. Beyond general comfort parameters like PMV and PPD, this innovation allows you to delve into the specifics of ASHRAE 55 compliance. Additionally, receive a comprehensive auto-generated compliance report for detailed scenario assessment.

Introducing Comfort AI: New AI engine for quick insights

Comfort AI is our new AI engine developed using data-driven methodology to predict occupant thermal comfort quickly. Comfort AI assesses thermal comfort for every occupant using the Predictive Mean Vote (PMV) index and ASHRAE 55 local discomfort parameters. You can now gain important insights into how your HVAC design impacts comfort, enabling informed decisions at an early stage. Comfort AI provides all the required feedback to correct an early design. This helps to avoid wasting time and money in setting numerous and less perfect CFD simulations. Users can now perform detailed CFD simulations based on Comfort AI results and get highly accurate results and compliance validation.

Performance Indices

The software now introduces essential performance indices required for a comprehensive assessment of HVAC systems. Among them are Air-diffusion Performance Index (ADPI) and Air Change Effectiveness (ACE). ADPI enhances air distribution assessment, while the latter evaluates the system's ability to supply ventilation air effectively.

EPLAN Data Portal Update 02 August 2023

24 August 2023

460 manufacturers and more than 1,490,000 data sets are available with the update August 24, 2023.

New manufacturer catalogs

- GUANGZHOU ANLIAN ELECTRIC CO.,Ltd. – 124 new data sets with terminals
- ShangHai GKONCY Electrics Co., Ltd. – 105 new data sets with plugs and terminals
- HELUKABEL GmbH – 3,317 new data sets with cable
- Link-world Intelligent Technology Co., Ltd. – 71 new data sets with PLC

Updates and new data

- Bernstein AG – 46 new data sets with generals
- BLOCK Transformatoren-Elektronik GmbH – 6 new and 24 updated data sets with transformers
- Danfoss Drives A/S – 9 new data sets with converters
- Delta Electronics, Inc. – 92 new and 4 updated data sets with amplifiers, controllers and PLC
- Eaton Industries GmbH – 182 new and 4 updated data sets with contactors, power switchgears, protection devices, relays and signal devices
- ETI Elektroelement d.o.o. – 26 new and 288 updated data sets with contactors, generals, electrically-operated mechanical devices, miscellaneous, signal devices, relays, transformers, sensors, switch and pushbuttons
- Festo SE & Co. KG – 137 new and 128 updated data sets with accessories, actuators, cylinders, generals, fluid control terminals, filters, PLC, plugs, shut-off control valves, servo drive and valves
- KEYENCE CORPORATION – 12 updated data sets with cables
- Fritz Kübler GmbH – 4 new data sets with sensors, switches and pushbuttons
- Murrelektronik GmbH – 50 new data sets with cables
- OMRON Corporation – 4 new data sets with terminals
- Phoenix Contact GmbH & Co. KG – 48 new and 230 updated data sets with housings, logic items, plugs, protection devices and terminals
- Pilz GmbH & Co. KG – 44 updated data sets with contactors, PLC, plugs and relays
- Siemens AG – 44 new and 4 updated data sets with voltage sources and generators
- TOYOGIKEN Co., Ltd. – 86 new and 115 updated data sets with terminals

Summary

- 4 new manufacturer
- 15 updated manufacturer
- 4,350 new data sets
- 1,932 updated data sets
- 0 deleted data sets
- 5,395 new parts with EDS
- In total 894,554 parts with EDS
- In total 308 manufacturers with EDS parts

- In total 1,492,146 data sets live in EDP

Infor and Made2Flow Launch Dedicated Sustainability Interface for Fashion Industry

29 August 2023

Infor®, the industry cloud company, today announced the availability of a dedicated interface between Made2Flow, a tech company specializing in analysis and validation of environmental data in the fashion industry, and Infor product lifecycle management (PLM). The interface will facilitate processing of data and full visibility for global fashion brands looking to increase transparency of the production supply chain. Crucially, it will support traceability and impact measurement across tiers one to four.

As fashion brands face increasing pressure to measure their environmental impact and comply with upcoming regulations such as the PEFCR and Digital Product Passport, the interface between Infor and Made2Flow will automate the necessary data flow and impact calculations. Through capturing data from the entire supply chain — from yarn suppliers and fabric companies to garment producers — Infor’s interface with Made2Flow will facilitate meaningful, real-time insights from which to monitor, measure and analyse key, predefined metrics. Not only will this allow greater visibility of the wider context of the fashion lifecycle, it also will deliver the necessary collaboration to allow continuous measurement to meet targets and communicate effectively and transparently with stakeholders.

The only way to truly understand the sustainability credentials of a given garment or item is to measure the environmental impact of every aspect of its lifecycle, in relation to CO2, water consumption, and other indicators. In the fashion supply chain, this is inevitably complicated and time consuming, requiring unprecedented levels of collaboration to gather, contextualize and leverage relevant data.

“With more than 1,000 fashion customers globally, all of whom are at different stages of their sustainability journeys, we are delighted to have created this interface with Made2Flow to help supercharge the potential of what is possible,” comments Helene Behrenfeldt, Infor’s industry and solution strategy director for the fashion industry. “Now, in addition to being able to expedite design and development time by up to 50%, we can offer a capability that allows fashion companies to perform environmental impact measurements across their supply chains, and identify areas that can be adjusted to reduce carbon footprints with real-time recommendations.”

“At Made2Flow, we developed technologies to overcome data gaps and validate data to finally be able to measure the impact of entire collections continuously in a credible manner. Thanks to our Bill of Processes (BOP) engine, we manage to normalize data and allow brands and suppliers to understand their impact hotspots,” comments Tal Shogol, CEO of Made2Flow. “Developing regulations force fashion brands to use impact measurement not only as a consumer-facing solution but also for internal purposes to control impact reduction activities in real time. Thanks to the collaboration and interface with Infor, brands will be able to accurately measure their sustainability efforts and drive to faster impact reduction as an intuitive working

tool and increase their sustainability ROI. At Made2flow, we are great believers in partnerships such as this one; it is the only way to transition to a low-impact industry.”

Keysight Enhances Automated Software Test Solution to Enable Multi-Platform Mobile App Testing

29 August 2023

Keysight Technologies, Inc. has released Eggplant Test 7.0, an enhanced version of the automated software test solution with powerful integrations that enable quality assurance (QA) teams to test mobile apps on multiple devices and operating systems simultaneously.

Mobile apps have become a ubiquitous part of modern digital life, facilitating everything from e-commerce and digital health to home security and business process management. However, users are unlikely to find an app useful if it is buggy or difficult to use. With the myriad of device and operating system combinations, testing mobile apps before they are released is more important than ever. QA teams need automated tools to speed up the validation of app compatibility, functionality, usability, performance, and security across multiple device configurations.

Keysight's Eggplant Test 7.0 meets this challenge with integrations that can test more than 7,500 operating system and device combinations through Sauce Labs' Real Device Cloud. The latest version of Eggplant Test offers QA teams advanced collaboration features, seamless integration with continuous integration tools, and the ability to connect with virtualized applications. These capabilities collectively enable automation, acceleration, and mitigation of risks inherent in manual testing to enhance the testing process.

New enhancements to the Eggplant Test platform include:

- **Instant test execution** – Eliminates the need for costly device labs by enabling instant test execution on any device and operating system via Sauce Labs' Real Device Cloud, ensuring comprehensive test coverage without the hassle of managing physical devices.
- **Lightning-fast results** – Combines Eggplant Test and Sauce Labs' Real Device Cloud to run test cases simultaneously reducing overall testing time and accelerating release cycles.
- **Version control integration** – Integrates with Git to bring version control capabilities to the test automation process, enabling teams to roll back to previous versions, compare changes, and collaborate seamlessly across multiple branches.
- **Continuous integration (CI)** – Integrates with popular CI tools to incorporate test automation into CI/CD pipelines to identify and fix issues earlier, enabling higher-quality software and accelerating time-to-market.
- **Active Directory single sign-on (SSO) integration** – Facilitates enterprise-scale testing by supporting test asset access and control through Active Directory SSO.

- **Enterprise-grade visual verification tools** – Automates virtual machine testing through a new Citrix integration that leverages the Intelligent Computer Vision feature to test secure Citrix applications.
- **Enhanced collaboration** – Improves collaboration among QA teams by providing a unified platform for test automation that enables team members to seamlessly work together, share test assets, and collaborate in real time.

Gareth Smith, General Manager, Software Test Automation, Keysight, said: "Eggplant Test 7.0 empowers teams to conquer complexity by simultaneously testing mobile apps across over 7,500 operating system and device combinations. By harnessing the power of Sauce Labs' Real Device Cloud, we eradicate the constraints of costly device labs, unleashing instant test execution. Through seamless integrations like Git, Citrix, Active Directory, and continuous integration tools, we pave the way to unparalleled success through true end-to-end testing. With Eggplant Test 7.0, we are shaping a future defined by seamless, comprehensive testing."

Moduleworks Releases 2023.08 Software Components

28 August 2023

ModuleWorks announces the 2023.08 release of its digital manufacturing software components. This is the second major ModuleWorks release of 2023 with new features and enhancements across the entire product range, including 5-axis machining, laser aided manufacturing, PrimeTurning™ and CNC simulation as well as a new product for 3D points probing.

User-Defined Tool Contact Point for 5-Axis Machining

For wireframe 5-axis machining with sphere mills, users can now define which part of the tool is in contact with the drive curve. For example, cutting with the cylindrical part of the flute enables the tool to withstand greater forces and may be more suitable for cutting through certain materials. It can also help to prolong tool life. Cutting with the cylinder can also allow faster cutting speeds for applications that do not require high precision. When high levels of accuracy are needed, users can choose to cut with the tip of the tool.

3D Points Probing

The first version of the new ModuleWorks Probing product offers 3D touch point probing. Users pick any points on a part. The system automatically recognizes the part geometry and calculates a probing toolpath with collision-free approach and retract motions. The toolpath can be exported as a canned cycle compatible with the native probing cycle on the CNC control.

Laser Aided Manufacturing - Weaving with Automatic Amplitude Adjustment

Weaving patterns bolster the strength of parts and add aesthetic appeal to products. The new ModuleWorks weaving toolpath automatically adjusts the amplitude of the pattern as the width of the wall varies. This eliminates the need for manual adjustments, which speeds up deposition and ensures consistent build-up along the entire wall.

Intelligent point distribution on the weaving track generates uninterrupted feed motions and the toolpath calculation automatically applies collision avoidance to the weaving pattern to generate safe, efficient toolpaths for freeform and non-freeform geometries.

PrimeTurning™ – Tool Nose Radius Compensation

New cutter compensation options give users flexibility and control over the post-processor output of PrimeTurning™ operations.

Users can choose from four compensation types:

- **Computer:** Compensation is performed automatically during the toolpath calculation. The post-processed output contains compensated moves without G40/41/42 commands.
- **Control:** Compensation is not performed during the toolpath calculation. G40/41/42 commands are added to the post-processed output. This enables the CNC operator to define compensation values directly on the machine.
- **Wear / Inverse Wear:** Compensation is performed automatically during the toolpath calculation and G40/41/42 commands are added to the post-processed output. This allows machine operators to adjust the compensated toolpath according to tool wear.
- **Off:** Compensation is not applied and the resulting toolpath corresponds to the input contour.

CNC Simulation - Interpolation Turning

In interpolation turning, a cutting operation is performed on a stationary workpiece through simultaneous interpolation of multiple linear axes and the tool spindle position. This method is especially useful for large, non-symmetrical parts. A new option in the ModuleWorks CNC Simulation now enables interpolation turning operations to be simulated directly on the CNC control.

The ModuleWorks 2023.08 release is available now for download from the ModuleWorks website.

Precision3D Hydrology 2023 is Released With Full Storm Sewer Design

25 August 2023

Precision 3D Hydrology 2023, Carlson Software's immersive 3D hydrology design solution, has been released. The new release includes a host of new features, most notably full storm sewer design in addition to the standard culvert design, channel liner design and peak flow calculations of previous releases.

A large and expanding library of headwalls, inlets and manholes is provided as standard with Precision3D Hydrology 2023. With the new release, you can design in 3D using precise Digital Terrain Models as made in Carlson Civil 2023 or as imported from other CAD software products in the form of LandXML files.

Precision3D Hydrology 2023 benefits greatly from “Intelligent TINs” of DTM files that include the land covers. These Intelligent TINs can be made in Carlson commands such as Road Network within the Carlson Civil module or updated by the Define Watershed Layers command within the Hydrology module. These intelligent TIN files are then loaded in Precision3D Hydrology and used to precisely calculate peak flows based not only on the computed watershed feeding each inlet (or culvert), but factoring in the land covers and associated Runoff Coefficients and Curve Numbers.

Precision3D Hydrology 2023 is the ultimate design tool for fast and accurate storm sewer and culvert design. And with the built-in “Dynamiccad” capability, designs in Precision3D Hydrology can plot directly to CAD in real-time. Discover the unrivaled automation of Precision3D Hydrology 2023!

Qualtrics Complaints and Grievances Solution Drives Efficiency, Quality and Experience of Care

30 August 2023

Qualtrics, the leader and creator of the experience management (XM) category, announced the launch of the Qualtrics Complaints and Grievances solution to enhance how healthcare organizations approach quality of care improvements. Enhanced Qualtrics® XM Platform® capabilities will help providers better manage patient feedback cycles with holistic listening and actionable insights that improve the patient experience, build emotional connections and ease the regulatory burden on patient relations teams.

Regulations exist for how grievances are defined and expectations for how organizations respond to them. In general, if a concern cannot be resolved at the point of care or is in a written format, it is considered a formal grievance and must be responded to in writing. Subsequently, many healthcare organizations have multiple systems and processes for receiving and responding to concerns reported by patients, their loved ones and even the employees themselves. These concerns are often managed by very small patient relations teams, and fragmented approaches leave organizations at risk for financial penalties and legal fees, in addition to staff burnout. At the same time, recent Qualtrics research reported 61% of patients feel that healthcare providers need to do a better job at listening to their feedback.

Healthcare providers will now be able to rely on the Qualtrics XM Platform to help them deliver high quality patient care by standardizing and streamlining how they manage complaints and grievances. A dynamic system for listening, acting and reporting will help organizations deliver better care, build affinity and loyalty, and adhere to regulatory requirements.

A compliant and compassionate solution to complaint and grievance management

Managing complaints and grievances requires healthcare organizations to use workflows designed to collect patient complaints, track and address them in compliance with industry regulations, and deliver reports to key internal stakeholders and regulatory agencies. This time-intensive and sensitive process requires outreach and input among many teams, as well as thorough documentation in a protected, secure and separate system from the patient’s medical

record. The Qualtrics Complaints and Grievances solution eases this process by consolidating multiple case management and communication tools into a single system, for an integrated approach that reduces redundancy and streamlines case management.

By taking advantage of the solution's automated workflows for the multi-stage review processes required by complaints and grievances, healthcare providers will be able to track the lifecycle of a case, stratify risk, manage caseload amongst their staff and identify moments to take action for more real-time service needs. A quick implementation and the flexibility to configure the new solution within hours will enable healthcare leaders to effectively set up an intelligent system to improve the patient experience and meet time-sensitive, regulatory requirements.

"Imagine the emotional impact a healthcare experience has to have on someone for them to write out a two page letter about it. Part of how we achieve a reduction in harm is being inclusive of emotional harm – not just physical harm – and complaints and grievances are a key data source," said Dr. Adrienne Boissy, Qualtrics Chief Medical Officer. "With the Qualtrics Complaints and Grievances solution, we take one massive step forward to holistic listening to experience data and have created all the thoughtful, secure design it needs."

The Qualtrics Complaints and Grievances solution brings together experience data, automated workflows, and user-friendly dashboards and reports to empower healthcare organizations to use data insights to create a more meaningful healthcare experience where patients feel heard and valued, and that their providers acted on their concerns with empathy and speed.

Stanford Health Care co-innovates with Qualtrics to get more actionable data

Stanford Health Care worked with Qualtrics to modernize and unify its experience management program for patients and employees onto a single platform that is digitally-driven and value-focused. As a co-innovator and early adopter of the Qualtrics Complaints and Grievances solution, Stanford Health Care is using the tool to address and learn from individual patient concerns, which will inform strategic and systemic improvements.

Since rolling out the Complaints and Grievances solution in April, Stanford Health Care has achieved more effective listening across multiple channels with 11% of patients now sharing concerns online versus a phone call or mail, resulting in a 30% reduction in open cases and improved staff efficiency. The solution has also led to an enhanced user experience, improved reporting and greater transparency between teams.

"Improving the patient experience starts with our ability to listen in and understand all patient concerns," said Alpa Vyas, Vice President and Chief Patient Experience Officer at Stanford Health Care. "Complaint and grievance management is not about a score or a ranking; it's about understanding what matters to our patients and providing our teams with the tools and insights to improve care. Stanford Health Care is always working to deliver excellent care."

Schneider Electric and Hewlett Packard Enterprise enhance sustainable IT solutions for Asia Pacific customers with new agreement

31 August 2023

Hewlett Packard Enterprise announced that it has signed an agreement with Schneider Electric to provide customers in Asia Pacific with a broad range of sustainability IT products and services aimed at helping enterprises accelerate progress towards their sustainability and net zero commitments. The agreement builds on twenty years of collaboration in the region between the two companies and will see them work together to help customers drive down their IT carbon footprint and emissions.

Under the new agreement, HPE will offer its portfolio of sustainable IT solutions and services, such as:

- Sustainability dashboard on the HPE GreenLake platform provides visibility, monitoring, and management of IT energy consumption and carbon footprint. The dashboard provides a unified approach to managing multi-vendor infrastructure and application resources in hybrid and multi-cloud IT environments.
- HPE Services that improve sustainability outcomes by helping customers deliver a clear picture of energy use and emissions within their IT estate, as well as sustainability IT workshops to advance sustainability metrics across workloads and data centres.
- HPE's IT asset lifecycle services to give new life to used IT equipment. These services maximize the value of IT assets across their lifecycle, freeing up trapped value to fund transformation, and enable the reuse of IT assets as part of the circular economy while tracking impact with material, energy, carbon, and landfill savings.
- HPE GreenLake cloud services, which helps enterprises deliver outcomes more efficiently by optimizing workloads and providing visibility and elasticity to meet demand without overprovisioning.

Schneider Electric will help organizations develop and execute a comprehensive enterprise-wide sustainability strategy. This includes the reduction of environmental footprint across enterprise operations and value chains by leveraging technology, buying renewable energy, and employing an active energy management approach that integrates customers' sustainability strategies with energy efficiency projects and energy procurement.

By combining their distinct areas of sustainability expertise, Schneider Electric and HPE will make it easy for customers to seamlessly access the sustainability products, solutions, and services available from each company. Which in turn, will enable customers a more streamlined, holistic approach to manage their organization's carbon footprints across their entire value chain.

"This alignment enables our customers to partner closely with HPE and Schneider Electric and seamlessly tap into our collective suite of sustainability offerings," said Mohan Krishnan, Vice President and General Manager, HPE GreenLake Cloud Services, Asia Pacific. "Together, we are able to offer customers an extremely detailed analysis of the carbon emissions footprint of their

IT, and work with them closely to develop a bespoke strategy to improve the sustainability profile of their IT projects.”

“Schneider Electric is excited to collaborate closely with HPE to support our customers’ sustainable IT commitments in Asia Pacific,” said Giuliana Auinger, Head of Sustainability Business, Asia Pacific at Schneider Electric. “This agreement will enable more organizations to take advantage of the decades-long expertise we have in delivering IT solutions to enterprises in the region, and we look forward to helping customers manage their carbon footprint and shift towards clean, renewable energy.”

The new agreement will cover customer engagements across Australia, New Zealand, Hong Kong, Singapore, Korea, Taiwan, Thailand, Philippines, Malaysia, Indonesia, and Vietnam.

SPCAD for GstarCAD has been released

30 August 2023

We’re glad to announce that SPCAD for GstarCAD has been released! SPCAD is an add-on for GstarCAD users working in a wide variety of industries to smooth the general workflows of CAD designs.

Users of SPCAD for GstarCAD will gain a tremendous amount of advantages by accessing more than 100 industry-specific tools in SPCAD and the latest technology from GstarCAD.

Automate your workflow

Equipped with more than 100 tools, SPCAD promises comprehensive and ideal solution automating your tasks without compromising quality and accuracy.

Do more with less

From assigning coordinates system to your drawing to importing/exporting geospatial files, to performing topographic analysis and creating maps and cadaster plans, you can now run spatial analysis without switching to a different software.

Finish your project in less time

Specially developed to help run geospatial analysis, SPCAD is equipped with essential tools to make CAD designs workflows quick, efficient and convenient.

Zuken Unveils CR-8000 2023 with Enhanced Design Efficiency and Analysis for High-Density, High-Speed PCB Designs

30 August 2023

Zuken, a global leader in electronic design automation solutions, announces the availability of CR-8000 2023. The 2023 release is packed with new enhancements covering the entire design process and will empower users and enable them to tackle the challenges of high-density, high-speed PCB designs.

Notably, the CR-8000 2023 release places special emphasis on revitalizing and expanding the spectrum of signal integrity, power integrity, and electromagnetic compatibility (EMC) analysis

tools. These advancements are seamlessly integrated into the CR-8000 Design Force Analysis Advance bundle, offering an unparalleled avenue for enhanced design insights.

“We are excited to unveil CR-8000 Release 2023, which empowers designers to address the ever-increasing demands of high-density, high-speed PCB designs,” said Kazuhiro Kariya, Sr. Managing Executive Officer and CTO of Zuken Inc. “Through the strategic enhancements made to our flagship CR-8000 tool suite, we are providing our customers with a comprehensive solution that boosts design efficiency and supports accurate analysis, ultimately enabling them to stay ahead in today’s competitive market.”

Empowering Engineers with Advanced Design Creation

Streamlined Design Sheet Integration

With the CR-8000 2023 release, the process of generating new designs becomes a seamless journey. Users can effortlessly merge sheets from diverse designs, enabling the incorporation of various elements or the utilization of template designs as a solid foundation. This innovative feature fosters creativity and accelerates the design timeline.

Enhanced Information Security

Privacy takes center stage with the introduction of a resourceful feature that allows sensitive information exclusion before external sharing. Tailoring resource files to distinct collaboration needs fosters a secure and collaborative design environment.

Efficiency through Design Reuse

The 2023 release introduces a groundbreaking feature that streamlines documentation by enabling the copying, editing, and seamless integration of circuits and text elements. This innovation enhances efficiency by eliminating redundant tasks and allows engineers to focus on design evolution.

Expanded Design Efficiencies in Layout

Reuse Template Routing

Identical areas of components and routing that are common in multi-channel designs can now be placed and routed based on one instance. This function recognizes component and topology similarities and propagates the master instance to the subsequent channels.

Expanded Contour Routing

An interactive contour routing feature aligns seamlessly with existing patterns and board shapes, ensuring design harmony and consistency.

Analyze Track Configurations

Users can examine the routing of a trace path by visualizing a cross-sectional view that showcases the trajectory across various layers. This capability allows for comprehensive inspection and evaluation of track arrangements, aiding in identifying potential issues and optimizing the design.

Powerful Analysis Capabilities

Enhanced Bundle and Functionality

The CR-8000 2023 Release consolidates signal integrity, power integrity, and EMI analysis tools into new bundles, with enhanced user interaction, MultiCore CPU support, and compatibility with extensive datasets. AI/ML-assisted modeling and new Power Integrity checks elevate design and analysis prowess.

Comprehensive Signal Integrity Analysis

Dive into Signal Integrity with the Design Force SI Advance bundle, encompassing features from Characteristic Impedance to IBIS AMI SerDes channel analysis. Comprehensive system-level analysis is ensured through the inclusion of IBIS, SPICE, and S-Parameter models in both domains.

Full-spectrum PCB-level EMI and Power Analysis

The Design Force PI/EMI Advance bundle focuses on EMI and Power Supply System Analysis. Critical functions include rapid estimations, integrity features, and an array of analysis tools designed to optimize designs. Capabilities include IC power pin impedance computation, Decap location and parasitic values determination, DC analysis, incorporation of Lossy Transmission Line models considering copper surface roughness, and integration of IBIS, SPICE, and S-Parameter models. Time Domain Reflectometry (TDR) and Eye Pattern analysis enhance design evaluation. A comprehensive HSPIICE export and capability to calculate and export S-Parameter Touchstone data add versatility to the toolset.

With the CR-8000 2023 release, users will be able to explore innovations that redefine design excellence. The release underscores Zuken's commitment to empowering users with tools that simplify the challenges of intricate electronic design.