

The CIMdata PLM Market Analysis Report

Comprehensive Information and Analysis Critical to Sound Decisions

CIMdata's Annual PLM Market Analysis Report provides detailed information and in-depth analysis on the worldwide Product Lifecycle Management (PLM) market. The report contains analyses of major PLM trends and issues, leading PLM solution suppliers, PLM purchase investments in software and services for geographical regions and industry sectors, and historical and projected data about market growth. This report provides insights into worldwide PLM market investment dynamics and the revenue performance of leading PLM solution suppliers.

What is PLM?

PLM is a strategic business approach that applies a consistent set of business solutions in support of the collaborative creation, management, dissemination, and use of product definition information across the extended enterprise, and spanning from product concept to end of life—integrating people, processes, business systems, and information. PLM forms the product information backbone for a company and its extended enterprise. It is composed of multiple elements including: foundation technologies and standards (e.g., XML, visualization, collaboration, enterprise application integration, etc.), information authoring and analysis tools (e.g., mechanical design, electronics design, software engineering, technical publishing, finite element analysis, etc.), core functions (e.g., data vaults, document and content management, workflow, product structuring, program management, etc.), functional applications (e.g., configuration management, engineering change control, etc.), and business solutions (e.g., new product introduction, supply chain collaboration, etc.) that incorporate best practices and methods.

PLM Market Segments

CIMdata partitions the PLM market into three primary segments:

- *Tools*—those applications used to create, analyze and simulate products and plants and associated documentation. Sub-segments include: mechanical computer-aided design (MCAD), simulation and analysis (S&A), non-bundled numerical control (NC), electronic design automation (EDA), architectural, engineering, and construction (AEC), and other tools such as computer aided software engineering (CASE).
- *cPDM*—addresses managing the complete product or plant definition lifecycle, including all of the mechanical, electronic, software, and documentation components and the processes that are used during the lifecycle including in-service operation and maintenance. Sub-segments include: Comprehensive Technology Suppliers, Focused Application Suppliers (including visualization and collaboration, content and document management, etc.), and SIs/Resellers/VARs.
- *Digital Manufacturing*—systems that support definition of the processes used to produce a product, including supporting simulation and analysis of those processes and the manufacturing environments used to produce the product including production equipment and lines.

Tools are focused on fundamental intellectual property (IP) creation, cPDM is focused on IP management (including collaboration, visualization, vaulting, and sharing of product related information), and Digital Manufacturing is focused on transitioning product designs into production.

PLM technologies and methods are being applied to an increasingly wide range of industries, including many industries within which PLM has not previously been established (e.g., financial services, insurance, health care, etc.). This report is focused primarily on PLM investment and use in industrial markets.

CIMdata's Market Perspectives

CIMdata's PLM market analysis provides two different perspectives on PLM:

- *Comprehensive PLM* covers the full product definition over the entire product lifecycle and across all industrial industries. This includes mechanical, electronic, and software components, as well as both discrete and process industries.
- *Mainstream PLM* is a subset of Comprehensive PLM, and includes the sub-sectors that have traditionally been addressed by the major suppliers to the PLM market.

2008 PLM Market Analysis Report

This report presents CIMdata's analysis of the 2007 PLM market. Through more than 230 pages, including more than 200 tables and charts, it identifies and analyzes 2007 market trends, and reviews investments in PLM-related software and services for the overall PLM market as well as for the major sub-segments. The report also provides CIMdata's forecasts of PLM investments for 2008 through 2012. The forecasts are based on data available through the first quarter of 2008. In addition, CIMdata's estimates of 2007 revenue performance of the various suppliers to the PLM market and its sub-segments are presented and discussed.

The CIMdata 2008 PLM Market Analysis Report comes in two (2) modules:

- Module 1—presents CIMdata's overview of the PLM market, market investment statistics through 2007, forecasts of investments for 2008 through 2012, and an analysis of PLM suppliers' performance in 2007.
- Module 2—builds on the information presented in Module 1 by providing detailed geographic and industry revenue results through 2007 and forecasts for 2008 to 2012.

The PLM Market Analysis Report is available for US\$5,000, or as part of a Gold Membership in the CIMdata PLM Community. To purchase the report or learn more about becoming a PLM Community member, visit the CIMdata website or call our office at +1 (734) 668-9922.

About CIMdata

CIMdata, an independent worldwide firm, provides strategic consulting to maximize an enterprise's ability to design and deliver innovative products and services through the application of Product Lifecycle Management (PLM) solutions. Since its founding more than 25 years ago CIMdata has delivered world-class knowledge, expertise, and best-practice methods on PLM solutions. These solutions incorporate both business processes and a wide-ranging set of PLM enabling technologies including product data management (PDM), visualization, collaboration, digital manufacturing, computer-aided design/manufacturing (CAD/CAM), numerical control (NC), simulation and analysis, and others. CIMdata also provides expertise in the integration of PLM with other business solutions such as customer relationship management (CRM), supply chain management (SCM), and enterprise resource planning (ERP).

CIMdata works with both industrial organizations and suppliers of technologies and services seeking competitive advantage in the global economy.

CIMdata helps industrial organizations establish effective PLM strategies, assists in the identification of requirements and selection of PLM technologies, helps organizations optimize their operational structure and processes to implement solutions, and assists in the deployment of these solutions.

For PLM solution suppliers, CIMdata helps define business and market strategies, delivers worldwide market information and analyses, provides education and support for internal sales and marketing teams, as well as overall support at all stages of business and product programs to make them optimally effective in their markets.

In addition to consulting, CIMdata conducts research, provides PLM-focused subscription services, and produces several commercial publications. The company also provides industry education through international conferences in the US, Europe, and Japan that focus on PLM. CIMdata serves clients worldwide from locations in North America, Europe, and Asia Pacific.

To learn more about CIMdata's services, visit our website at www.CIMdata.com or contact CIMdata at: 3909 Research Park Drive, Ann Arbor, MI 48108, USA. Tel: +1 (734) 668-9922. Fax: +1 (734) 668-1957; or Siriusdreef 17-27, 2132 WT Hoofddorp, The Netherlands. Tel: +31 (0)23 568-9385. Fax: +31 (0)23 568-9111.