

CAD and PLM Software Market Size to Surpass USD 32.5 Billion by 2032 | SNS Insider

The CAD and PLM Software Market is evolving rapidly, fueled by AI-driven design automation and the growing adoption of cloud-based solutions.

AUSTIN, TX, UNITED STATES, February 17, 2025 /EINPresswire.com/ -- The <u>CAD and PLM Software Market</u> size was USD 16.1 Billion in 2023 and is expected to reach USD 32.5 Billion by 2032, growing at a CAGR of 8.13% over the forecast period of 2024-2032.



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Keyplayers: Dassault Systemes – CATIA Siemens Digital Industries Software – Teamcenter **DPTC Inc. – Windchill** DAutodesk Inc. - Fusion 360 Hexagon AB – PPM SmartPlant Bentley Systems – MicroStation **ANSYS Inc. – ANSYS SpaceClaim** □Altair Engineering Inc. – Altair HyperWorks **AVEVA Group – AVEVA E3D Design** Oracle Corporation – Agile PLM **DSAP SE – SAP PLM Aras Corporation – Aras Innovator** IronCAD LLC – IronCAD Design Collaboration Suite Siemens EDA (formerly Mentor Graphics) – Xpedition Enterprise **ZWSoft – ZWCAD**

By Deployment, Cloud Segment Dominates CAD and PLM Software Market, While On-Premise Deployments Gain Momentum

The cloud segment dominated the market in 2023, accounting for over 68% of the revenue share. Cloud-based solutions are becoming popular due to their scalability, greater accessibility & cost-effectiveness. Cloud platforms remove the necessity of large initial infrastructure investments whilst allowing collaboration between distributed teams worldwide. Cloud adoption (especially in automotive, aerospace, and electronics), propelled by immediate software updates, AI integration, and increasing data security

The On-Premise segment is projected to record the fastest-growing CAGR during the forecast period. On-premise deployments are generally favored by industries that require data security and compliance, such as defense and high-tech manufacturing. Such solutions provide complete control over sensitive IPRs, making them best suited for complex product lifecycle management scenarios.

By Industry, Discrete Industries Dominate the CAD and PLM Market, While Process Industries Poised for Rapid Growth

In 2023, Discrete industries led the market, capturing a significant revenue share due to their intricate product designs and frequent prototyping requirements. These industries rely on advanced design, simulation, and lifecycle management tools to streamline production while maintaining regulatory compliance. Additionally, the rise of mass customization and shorter product lifecycles has heightened the need for robust Product Lifecycle Management (PLM) integration.

The Process industry is expected to grow at the highest CAGR during the forecast period. Industries including pharmaceuticals, chemicals, and energy are using CAD and PLM software to improve operational efficiency, achieve regulatory compliance, and drive sustainability efforts. As various industries focus on optimizing processes and reducing waste, the application of advanced CAD and PLM solutions is on the rise.

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By Region, North America Dominates the CAD and PLM Market, While Asia-Pacific is Set for the Fastest Growth

North America emerged as the dominant region in the CAD and PLM Software Market, accounting for 39% of the total revenue share in 2023. The presence of large industry players, the presence of a well-established manufacturing ecosystem, and the higher adoption of digital transformation strategies are key reasons for the region's market leadership. CAD and PLM solutions in North America are becoming more powerful with the adoption of AI, IoT, and cloud computing. Demand for advanced design and lifecycle management solutions is being spurred by the U.S. and Canadian automotive, aerospace, and industrial machinery markets.

The Asia-Pacific region is projected to register the fastest CAGR over the forecast period. Rapid industrialization, infrastructure development, and the expansion of the automotive and electronics sectors are key drivers of growth. Countries such as China, India, Japan, and South

Korea are increasingly adopting smart manufacturing and digital transformation strategies, leading to a surge in CAD and PLM software adoption.

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