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# Global CAD and PLM Software Market Size Study & Forecast, by Deployment (On-premise Cloud), By Industry (Discrete Industries, Process Industries), and Regional Analysis, 2023-2030

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## Abstracts

Global CAD and PLM Software Market is valued at approximately USD 14.51 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 7.9% over the forecast period 2023-2030. Computer-aided design (CAD) software is used to create 2D and 3D models of objects. CAD software is used in a wide variety of industries, including engineering, architecture, and manufacturing. CAD software is adopted to create models of anything from simple parts to complex machines. Product lifecycle management (PLM) software is used to manage the entire product lifecycle, from design and development to manufacturing and service. PLM software helps companies to improve efficiency, reduce costs, and improve product quality. PLM software is used to track product data, manage product changes, and collaborate with suppliers. CAD and PLM software are essential for companies that want to design, develop, and manufacture products efficiently. CAD software helps companies to create accurate and detailed models of products, while PLM software helps companies to manage the entire product lifecycle. The CAD and PLM Software Market is expanding because of factors such as the surging digital twin and digital thread implementation in CAD and PLM software, rising demand for advanced product development tools, and integration with other enterprise systems.

In addition, the rise of Industry 4.0 and IoT is acting as a catalyzing factor for market growth across the globe. For instance, in September 2020, Aras introduced the Digital Twin Core solution to produce and manage digital twins. The solution offers the essential context to anticipate the IoT sensor data streams for performance monitoring, predictive maintenance, and optimization scenarios. Likewise, in December 2022,

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Siemens unveiled the deployment of Teamcenter PLM into the semiconductor manufacturing industry, which aims on enhancing quality, data management, and revision control. Hence, these factors are creating numerous growth prospects for the CAD and PLM Software Market at a considerable rate. Furthermore, the increase in the adoption of cloud-based CAD and PLM software, coupled with the growing emphasis on technological advancements present various lucrative opportunities over the forecasting years. However, the unavailability of skilled professionals and the limited deployment of CAD and PLM software in SMEs are challenging the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global CAD and PLM Software Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increasing adoption of cloud-based CAD and PLM software, as well as increasing need to build product innovation platform. Whereas, Asia Pacific region is the fastest growing region over the forecast years. The exploding digitalization and industrialization in emerging nations, the growing focus on product lifecycle management, as well as the rise of Industry 4.0 are significantly propelling the market demand across the region.

Major market players included in this report are:
SAP SE (Germany)
Autodesk Inc. (U.S.)
Dassault Systemes (France)
PTC Inc. (U.S.)
Oracle Corporation (U.S.)
Siemens AG (Germany)
Infor Inc. (U.S.)
Aras Corporation (U.S.)
Propel Software Solutions Inc. (U.S.)
DuroLabs (U.S.)

Recent Developments in the Market:
In January 2022, Aras Corporation, a provider of software that streamlines business and product processes, announced the merger with Minerva Group. With this agreement, Minerva deliver product lifecycle management capabilities for businesses making high-tech electronics and medical devices that is built on the Aras platform. The business offers substantial vertical industry knowledge in the production of industrial equipment as well as vehicles, aircraft, and weapons.

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Global CAD and PLM Software Market Report Scope:
Historical Data – 2020 - 2021
Base Year for Estimation – 2022
Forecast period - 2023-2030
Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends
Segments Covered - Deployment, Industry, Region
Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa
Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Deployment:
On-premise
Cloud

By Industry:
Discrete Industries
Process Industries

By Region:

North America
U.S.
Canada

Europe
UK

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Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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