Global EDA in Aerospace and Defense Market Analysis, Trends & Forecast to 2025 - QY Research

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Los Angeles, CA -- (SBWire) -- 05/31/2019 --The global EDA in the aerospace and defense sector has started to grow at a faster rate due to the rising demand for semiconductor chips.

CAE emerged as the largest segment in the global EDA market. It includes ESL, RTL simulation, hardware-assisted verification, analysis tool, synthesis, analog and mixed signal simulator, formal verification, design entry, logic, and formal verification.

ESL tools are expected to grow at a faster rate compared to other segments in CAE. The major reason behind this growth is the system-level approach of the tools that enables users to design, verify, and simulate simultaneously at lower costs and in less time. RTL tools enable end-users to verify logic designs using one or more RTL languages and give an abstract of the complex circuit diagram.


Aerospace and defense manufacturers have increased their adoption of EDA to reduce design time, error and cost. For instance, Bell Helicopter adopted Mentor Graphics Capital product family to streamline the wiring design process for their Bell 525 Relentless program. The company used Capital Suite, which is an advanced electrical system and wire harness design software suite. With the adoption of Capital Suite, the company was able to reduce the time taken in electrical system integration by eliminating prototypes.

The global EDA in Aerospace and Defense market is valued at xx million US$ in 2018 is expected to reach xx million US$ by the end of 2025, growing at a CAGR of xx% during 2019-2025.

This report focuses on EDA in Aerospace and Defense volume and value at global level, regional level and company level. From a global perspective, this report represents overall EDA in Aerospace and Defense market size by analyzing historical data and future prospect. Regionally, this report focuses on several key regions: North America, Europe, China and Japan.

At company level, this report focuses on the production capacity, ex-factory price, revenue and market share for each manufacturer covered in this report.

The following manufacturers are covered:
Cadence Design Systems
Mentor Graphics
Synopsys
Aldec
Agnisys
Ansys
Keysight Technologies
The study objectives of this report are:
To study and analyze the global EDA in Aerospace and Defense market size (value & volume) by company, key regions/countries, products and application, history data from 2014 to 2018, and forecast to 2025.
To understand the structure of EDA in Aerospace and Defense market by identifying its various subsegments.
To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).
Focuses on the key global EDA in Aerospace and Defense manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.
To analyze the EDA in Aerospace and Defense with respect to individual growth trends, future prospects, and their contribution to the total market.
To project the value and volume of EDA in Aerospace and Defense submarkets, with respect to key regions (along with their respective key countries).
To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.
To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of EDA in Aerospace and Defense are as follows:
History Year: 2014-2018
Base Year: 2018
Estimated Year: 2019
Forecast Year 2019 to 2025

This report includes the estimation of market size for value (million USD) and volume (K sqm). Both top-down and bottom-up approaches have been used to estimate and validate the market size of EDA in Aerospace and Defense market, to estimate the size of various other dependent submarkets in the overall market. Key players in the market have been identified through secondary research, and their market shares have been determined.
through primary and secondary research. All percentage shares, splits, and breakdowns have been determined using secondary sources and verified primary sources.


For the data information by region, company, type and application, 2018 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Key Stakeholders
Raw material suppliers
Distributors/traders/wholesalers/suppliers
Regulatory bodies, including government agencies and NGO
Commercial research & development (R&D) institutions
Importers and exporters
Government organizations, research organizations, and consulting firms
Trade associations and industry bodies
End-use industries

Available Customizations
With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:
Further breakdown of EDA in Aerospace and Defense market on basis of the key contributing countries.
Detailed analysis and profiling of additional market players.

About QYResearch
QYResearch always pursues high product quality with the belief that quality is the soul of business. Through years of effort and supports from the huge number of customer supports, QYResearch consulting group has accumulated creative design methods on many high-quality markets investigation and research team with rich experience. Today, QYResearch has become a brand of quality assurance in the consulting industry.

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