

AEC Market by Component (Solution, Service), Deployment Mode (On-Premise and Cloud), Enterprise Size (Small & Medium Scale Enterprises and Large Scale Enterprises), and Application (Construction & Architecture Companies, Education, And Others): Global Opportunity Analysis and Industry Forecast, 2021–2028

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Abstracts

In architecture, engineering, and construction (AEC), all three industries work together to operate various projects seamlessly and successfully. By integrating these separate entities architecture, engineering, and construction industries are working together more effectively and efficiently to achieve common goal. AEC software has various practical applications that facilitate outsourcing and exchange of information & technology within the industry. It helps to standardize these three different sectors and unite them by digital process to obtain better building information. This software has very interactive interface by which engineers can interact with architecture and construction supervisors very easily and obtain all technical information on a single window.

Numerous factors such as growth in infrastructure projects, owing to rapid urbanization and increase in productivity through exchange of information drive the market globally. Furthermore, mandatory rules and regulations applied by government authorities for the use of AEC software also drives the market globally. However, high initial cost of implementation of AEC software and lack of skilled workers in the industry restrain the market globally. Furthermore, growth in adoption of AR and VR in the construction industry and rise in implementation of IoT in numerous construction projects are expected to create lucrative opportunities in the global AEC market during the forecast period.

Architecture, engineering, and construction market is segmented into component, deployment mode, enterprise size, application, and region. By component, it is bifurcated into software and service. Depending on deployment mode, it is categorized into on-premise and cloud. On the basis of enterprise size, it is categorized into large enterprises and small & medium size enterprises. As per application, it is classified into construction & architecture companies, education, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

This report gives an in-depth profile of key market players in the architecture, engineering and construction software market, which include Ansys Inc., Autodesk Inc., Aveva Group Plc, Bentley System, Inc, Dassault Systemes, Hexagon AB, Innovaya, Nemetschek, Newforma and Trimble, Inc.

KEY BENEFITS FOR STAKEHOLDERS

The study provides an in-depth analysis of architecture, engineering, and construction (AEC) market along with the current trends and future estimations to elucidate the imminent investment pockets.

Information about key drivers, restraints, and opportunities and their impact analysis on the architecture, engineering, and construction (AEC) market size is provided.

Porter's five forces analysis illustrates the potency of buyers and suppliers operating in the content delivery architecture, engineering, and construction (AEC) market.

The quantitative analysis of the femtocells market from 2020 to 2028 is provided to determine the architecture, engineering, and construction (AEC) market potential.

KEY MARKET SEGMENTS

By Component

Solution

Service

By Deployment Mode

On-premise

Cloud

By Enterprise size

Large enterprises

Small and Medium sized Enterprises (SMEs)

By Application

Construction & Architecture Companies

Education

Others

BY REGION

North America

U.S.

Canada

Europe

UK

Germany

France

Russia

Italy

Rest of Europe

Asia-Pacific

China

India

Japan

Australia

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

KEY MARKET PLAYERS

1.AUTODESK INC.

2.AVEVA GROUP PLC.

3.BENTLEY SYSTEM, INC.

4.DASSAULT SYSTEMES

5.TRIMBLE, INC.

6.ANSYS

7.NEMETSCHEK

8.Hexagon AB

9.Newforma

10.Innovaya

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