

North America Engineering Software Market

Market Report | 2024-06-01 | 193 pages | Data Bridge Market Research

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Report description:

North America engineering software market is expected to reach USD 21.98 billion by 2031 from USD 12.17 billion in 2023, growing at a CAGR of 7.9% during the forecast period of 2024 to 2031.

Market Segmentation

North America Engineering Software Market, By Software Type (Electronic Design Automation (EDA), Computer-Aided Designing (CAD), Architecture, Engineering & Construction (AEC), Computer-Aided Engineering (CAE), and Computer-Aided Manufacturing (CAM)), Application (Product Design, 3D Modelling, Automation Design, Plant Design, and Others), Enterprise Size (Large Enterprise, Medium Enterprise, and Small Enterprise), End Users (Automotive, Aerospace & Defense, Oil & Gas, IT & Telecommunication, Healthcare, and Others), Country (U.S., Canada, and Mexico) - Industry Trends and Forecast to 2031 Overview of North America Engineering Software Market Dynamics

Drivers

- Rising adoption of cloud based engineering software due to flexibility and collaborative nature of work
- Rising demand for HPC deployment for simulation workload
- Rising investments in infrastructure projects
- Rising complex engineering structures/components leading demand for 3D modeling and simulation Restraints
- Complexity of software and limited standardization limits the interoperability of projects and software
- Cyber attacks are a major risk to the functionality and security of global digital systems Opportunities
- Continuous technological advancement in engineering software
- Increasing partnership and acquisition among market players
- Development of industry specific software solutions

Challenges

- Shift of companies from licensing model to subscription based create challenge in adoption from end-users
- Shortage of technically sound working professionals

Market Players

The key market players operating in the North America engineering software market are listed below:

- Autodesk Inc.

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- Synopsys, Inc.
- Dassault Systemes
- ANSYS, Inc
- Cadence Design Systems, Inc.
- The MathWorks, Inc.
- PTC
- Siemens
- Bentley Systems
- Incorporated
- Hexagon AB
- Altair Engineering Inc.
- Altium Limited
- HCL Technologies Limited
- AVEVA?Group
- BY COMSOL
- BETA CAE Systems
- CNC Software, LLC
- Carlson Software
- ESI Group
- ZWSOFT CO., LTD.
- SimScale
- Computers and Structures, Inc.

Table of Contents:

- 1 INTRODUCTION 30
- 1.1 OBJECTIVES OF THE STUDY 30
- 1.2 MARKET DEFINITION 30
- 1.3 OVERVIEW 30
- 1.4 LIMITATIONS 31
- 1.5 MARKETS COVERED 32
- 2 MARKET SEGMENTATION 36
- 2.1 MARKETS COVERED 36
- 2.2 GEOGRAPHICAL SCOPE 37
- 2.3 YEARS CONSIDERED FOR THE STUDY 38
- 2.4 CURRENCY AND PRICING 38
- 2.5 DBMR TRIPOD DATA VALIDATION MODEL 39
- 2.6 TYPE TIMELINE CURVE 42
- 2.7 DBMR MARKET POSITION GRID 46
- 2.8 DBMR VENDOR SHARE ANALYSIS 47
- 2.9 SECONDARY SOURCES 48
- 2.10 ASSUMPTIONS 49
- 3 EXECUTIVE SUMMARY 50
- 4 PREMIUM INSIGHTS 52
- 4.1 CASE STUDY: 53

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- 4.2 REGULATION FRAMEWORK: 57
- 4.3 TECHNOLOGICAL TRENDS: 59
- 4.4 PRICING ANALYSIS: 62
- 4.5 VALUE CHAIN ANALYSIS: 63
- **5 MARKET OVERVIEW 66**
- **5.1 DRIVERS 68**
- 5.1.1 RISING ADOPTION OF CLOUD BASED ENGINEERING SOFTWARE DUE TO FLEXIBILITY AND COLLABORATIVE NATURE OF WORK
- 5.1.2 RISING DEMAND FOR HPC DEPLOYMENT FOR SIMULATION WORKLOAD 69
- 5.1.3 RISING INVESTMENTS IN INFRASTRUCTURE PROJECTS 70
- 5.1.4 RISING COMPLEX ENGINEERING STRUCTURES/COMPONENTS LEADING DEMAND FOR 3D MODELING AND SIMULATION 71
- 5.2 RESTRAINTS 72
- 5.2.1 COMPLEXITY OF SOFTWARE AND LIMITED STANDARDIZATION LIMITS THE INTEROPERABILITY OF PROJECTS AND SOFTWARE
 72
- 5.2.2 CYBER ATTACKS ARE A MAJOR RISK TO THE FUNCTIONALITY AND SECURITY OF NORTH AMERICA DIGITAL SYSTEM 73
- 5.3 OPPORTUNITIES 74
- 5.3.1 CONTINUOUS TECHNOLOGICAL ADVANCEMENT IN ENGINEERING SOFTWARE 74
- 5.3.2 INCREASING PARTNERSHIP AND ACQUISITION AMONG MARKET PLAYERS 76
- 5.3.3 DEVELOPMENT OF INDUSTRY SPECIFIC SOFTWARE SOLUTIONS 77
- 5.4 CHALLENGES 79
- 5.4.1 SHIFT OF COMPANIES FROM LICENSING MODEL TO SUBSCRIPTION BASED CREATE CHALLENGE IN ADOPTION FROM END-USERS 79
- 5.4.2 SHORTAGE OF TECHNICALLY SOUND WORKING PROFESSIONALS 80
- 6 NORTH AMERICA ENGINEERING SOFTWARE MARKET, BY SOFTWARE TYPE 81
- 6.1 OVERVIEW 82
- 6.2 ELECTRONIC DESIGN AUTOMATION (EDA) 83
- 6.3 COMPUTER-AIDED DESIGNING (CAD) 84
- 6.4 ARCHITECTURE, ENGINEERING & CONSTRUCTION (AEC) 84
- 6.5 COMPUTER-AIDED ENGINEERING (CAE) 85
- 6.6 COMPUTER-AIDED MANUFACTURING (CAM) 85
- 7 NORTH AMERICA ENGINEERING SOFTWARE MARKET, BY APPLICATION 86
- 7.1 OVERVIEW 87
- 7.2 PRODUCT DESIGN 88
- 7.3 3D MODELLING 89
- 7.4 AUTOMATION DESIGN 89
- 7.5 PLANT DESIGN 90
- 7.6 OTHERS 90
- 8 NORTH AMERICA ENGINEERING SOFTWARE MARKET, BY ENTRPRISE SIZE 91
- 8.1 OVERVIEW 92
- 8.2 LARGE ENTERPRISE 93
- 8.3 MEDIUM ENTERPRISE 94
- 8.4 SMALL ENTERPRISE 94

?

- 9 NORTH AMERICA ENGINEERING SOFTWARE MARKET, BY END USER 95
- 10.1 OVERVIEW 96
- 10.2 AUTOMOTIVE 97

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- 10.2.1 ELECTRONIC DESIGN AUTOMATION (EDA) 98
- 10.2.2 COMPUTER-AIDED DESIGNING (CAD) 98
- 10.2.3 ARCHITECTURE, ENGINEERING & CONSTRUCTION (AEC) 98
- 10.2.4 COMPUTER-AIDED ENGINEERING (CAE) 98
- 10.2.5 COMPUTER-AIDED MANUFACTURING (CAM) 98
- 10.3 AEROSPACE & DEFENSE 99
- 10.3.1 ELECTRONIC DESIGN AUTOMATION (EDA) 99
- 10.3.2 COMPUTER-AIDED DESIGNING (CAD) 99
- 10.3.3 ARCHITECTURE, ENGINEERING & CONSTRUCTION (AEC) 100
- 10.3.4 COMPUTER-AIDED ENGINEERING (CAE) 100
- 10.3.5 COMPUTER-AIDED MANUFACTURING (CAM) 100
- 10.4 OIL AND GAS 100
- 10.4.1 ELECTRONIC DESIGN AUTOMATION (EDA) 101
- 10.4.2 COMPUTER-AIDED DESIGNING (CAD) 101
- 10.4.3 ARCHITECTURE, ENGINEERING & CONSTRUCTION (AEC) 101
- 10.4.4 COMPUTER-AIDED ENGINEERING (CAE) 101
- 10.4.5 COMPUTER-AIDED MANUFACTURING (CAM) 101
- 10.5 IT AND TELECOMMUNICATION 102
- 10.5.1 ELECTRONIC DESIGN AUTOMATION (EDA) 102
- 10.5.2 COMPUTER-AIDED DESIGNING (CAD) 102
- 10.5.3 ARCHITECTURE, ENGINEERING & CONSTRUCTION (AEC) 103
- 10.5.4 COMPUTER-AIDED ENGINEERING (CAE) 103
- 10.5.5 COMPUTER-AIDED MANUFACTURING (CAM) 103
- 10.6 HEALTHCARE 104
- 10.6.1 ELECTRONIC DESIGN AUTOMATION (EDA) 104
- 10.6.2 COMPUTER-AIDED DESIGNING (CAD) 104
- 10.6.3 ARCHITECTURE, ENGINEERING & CONSTRUCTION (AEC) 105
- 10.6.4 COMPUTER-AIDED ENGINEERING (CAE) 105
- 10.6.5 COMPUTER-AIDED MANUFACTURING (CAM) 105
- 10.7 OTHERS 105
- 10.7.1 ELECTRONIC DESIGN AUTOMATION (EDA) 106
- 10.7.2 COMPUTER-AIDED DESIGNING (CAD) 106
- 10.7.3 ARCHITECTURE, ENGINEERING & CONSTRUCTION (AEC) 106
- 10.7.4 COMPUTER-AIDED ENGINEERING (CAE) 106
- 10.7.5 COMPUTER-AIDED MANUFACTURING (CAM) 106
- 11 NORTH AMERICA ENGINEERING SOFTWARE MARKET, BY REGION 107
- 11.1 NORTH AMERICA 109
- 11.1.1 U.S. 113 11.1.2 CANADA 116
- 11.1.3 MEXICO 119
- 12 NORTH AMERICA ENGINEERING SOFTWARE MARKET, COMPANY LANDSCAPE 122
- 12.1 COMPANY SHARE ANALYSIS: NORTH AMERICA
- 13 SWOT ANALYSIS 123
- 14 COMPANY PROFILES 124
- 14.1 AUTODESK, INC 124
- 14.1.1 COMPANY SNAPSHOT 124

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- 14.1.2 REVENUE ANALYSIS 124
- 14.1.3 COMPANY SHARE ANALYSIS 125
- 14.1.4 SOLUTION PORTFOLIO 125
- 14.1.5 RECENT DEVELOPMENTS 127
- 14.2 SYNOPSIS, INC. 128
- 14.2.1 COMPANY SNAPSHOT 128
- 14.2.2 REVENUE ANALYSIS 128
- 14.2.3 COMPANY SHARE ANALYSIS 129
- 14.2.4 PRODUCT PORTFOLIO 129
- 14.2.5 RECENT DEVELOPMENTS 130
- 14.3 DASSAULT SYSTEMES 131
- 14.3.1 COMPANY SNAPSHOT 131
- 14.3.2 REVENUE ANALYSIS 131
- 14.3.3 COMPANY SHARE ANALYSIS 132
- 14.3.4 SOLUTION PORTFOLIO 132
- 14.3.5 RECENT DEVELOPMENTS 134
- 14.4 ANSYS, INC 135
- 14.4.1 COMPANY SNAPSHOT 135
- 14.4.2 REVENUE ANALYSIS 135
- 14.4.3 COMPANY SHARE ANALYSIS 136
- 14.4.4 PRODUCT PORTFOLIO 136
- 14.4.5 RECENT DEVELOPMENTS 139

?

- 14.5 CADENCE DESIGN SYSTEMS, INC. 140
- 14.5.1 COMPANY SNAPSHOT 140
- 14.5.2 REVENUE ANALYSIS 140
- 14.5.3 COMPANY SHARE ANALYSIS 141
- 14.5.4 PRODUCT PORTFOLIO 141
- 14.5.5 RECENT DEVELOPMENTS 142
- 14.6 ALTAIR ENGINEERING INC. 143
- 14.6.1 COMPANY SNAPSHOT 143
- 14.6.2 REVENUE ANALYSIS 144
- 14.6.3 PRODUCT PORTFOLIO 144
- 14.6.4 RECENT DEVELOPMENTS 146
- 14.7 ALTIUM LIMITED 148
- 14.7.1 COMPANY SNAPSHOT 148
- 14.7.2 REVENUE ANALYSIS 148
- 14.7.3 PRODUCT PORTFOLIO 149
- 14.7.4 RECENT DEVELOPMENTS 149
- 14.8 AVEVA?GROUP (SUBSIDIARY OF SCHNEIDER ELECTRIC) 150
- 14.8.1 COMPANY SNAPSHOT 150
- 14.8.2 PRODUCT PORTFOLIO 150
- 14.8.3 RECENT DEVELOPMENT 151
- 14.9 BENTLEY SYSTEMS 152
- 14.9.1 COMPANY SNAPSHOT 152
- 14.9.2 REVENUE ANALYSIS 152
- 14.9.3 SOLUTION PORTFOLIO 153

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- 14.9.4 RECENT DEVELOPMENTS 155
- 14.10 CARLSON SOFTWARE 156
- 14.10.1 COMPANY SNAPSHOT 156
- 14.10.2 SOLUTION PORTFOLIO 156
- 14.10.3 RECENT DEVELOPMENTS 157
- 14.11 CNC SOFTWARE, LLC (A SUBSIDIARY OF SANDVIK AB) 158
- 14.11.1 COMPANY SNAPSHOT 158
- 14.11.2 REVENUE ANALYSIS 158
- 14.11.3 SOLUTION PORTFOLIO 159
- 14.11.4 RECENT DEVELOPMENTS 160
- 14.12 COMPUTERS AND STRUCTURES, INC. 162
- 14.12.1 PRODUCT PORTFOLIO 162
- 14.12.2 RECENT DEVELOPMENTS 163

?

- 14.13 BY COMSOL 164
- 14.13.1 COMPANY SNAPSHOT 164
- 14.13.2 SOLUTION PORTFOLIO 164
- 14.13.3 RECENT DEVELOPMENTS 165
- 14.14 ESI GROUP 166
- 14.14.1 COMPANY SNAPSHOT 166
- 14.14.2 PRODUCT PORTFOLIO 166
- 14.14.3 RECENT DEVELOPMENTS 167
- 14.15 HCL TECHNOLOGIES LIMITED 169
- 14.15.1 COMPANY SNAPSHOT 169
- 14.15.2 REVENUE ANALYSIS 169
- 14.15.3 SOLUTION PORTFOLIO 170
- 14.15.4 RECENT DEVELOPMENTS 172
- 14.16 HEXAGON AB 173
- 14.16.1 COMPANY SNAPSHOT 173
- 14.16.2 REVENUE ANALYSIS 173
- 14.16.3 SOLUTION PORTFOLIO 174
- 14.16.4 RECENT DEVELOPMENTS 174
- 14.17 PTC 176
- 14.17.1 REVENUE ANALYSIS 176
- 14.17.2 PRODUCT PORTFOLIO 177
- 14.17.3 RECENT DEVELOPMENTS 178
- 14.18 SIEMENS 179
- 14.18.1 COMPANY SNAPSHOT 179
- 14.18.2 REVENUE ANALYSIS 179
- 14.18.3 SOLUTION PORTFOLIO 180
- 14.18.4 RECENT DEVELOPMENTS 181
- 14.19 SIMSCALE 182
- 14.19.1 COMPANY SNAPSHOT 182
- 14.19.2 PRODUCT PORTFOLIO 182
- 14.19.3 RECENT DEVELOPMENTS 182
- 14.20 THE MATHWORKS, INC. 183
- 14.20.1 COMPANY SNAPSHOT 183

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14.20.2 SOLUTION PORTFOLIO 183
14.20.3 RECENT DEVELOPMENTS 185
14.21 ZWSOFT CO., LTD.(GUANGZHOU) 186
14.21.1 COMPANY SNAPSHOT 186
14.21.2 SOLUTION PORTFOLIO 186
14.21.3 RECENT DEVELOPMENTS 187
?
15 QUESTIONNAIRE 189
16 RELATED REPORTS 193



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