

Digital Twin Market by Deployment (PaaS, SaaS), Application (Product Design & Development, Predictive Maintenance, Performance Monitoring, Business Optimization), Industry (Automotive & Transportation, Oil & Gas) and Region - Global Forecast to 2030

Market Report | 2025-08-01 | 325 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The global digital twin market is expected to grow from USD 21.14 billion in 2025 to USD 149.81 billion in 2030 at a CAGR of 47.9% over the forecast period. Digital twins are key enablers of transformation in manufacturing, healthcare, automotive, and energy sectors. By creating real-time digital replicas of physical assets, digital twin technology allows for predictive maintenance, performance optimization, and enhanced operational efficiency. The integration of AI, IoT, and cloud computing further amplifies its capabilities, making it a cornerstone of smart infrastructure. Its alignment with digital transformation and Industry 4.0 initiatives accelerates adoption, as organizations seek to leverage data-driven insights for strategic decision-making and competitive advantage.

<https://www.marketsandmarkets.com/Images/digital-twin-market.webp>

"By industry, the healthcare segment is expected to be the fastest-growing in the digital twin market during the forecasted period."

The healthcare segment is expected to witness the fastest growth rate in the digital twin market during the forecast period, primarily due to its transformative potential across medical diagnostics, personalized treatment, surgical planning, and hospital operations. Digital twin technology enables real-time simulation of human organs, medical devices, and healthcare processes, allowing clinicians to enhance patient care, reduce errors, and improve clinical outcomes. The increasing adoption of precision medicine, rising demand for minimally invasive procedures, and growing emphasis on patient-centric care are fueling the uptake

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

of digital twin solutions in healthcare. Furthermore, the integration of AI, IoT-enabled medical devices, and data analytics has enabled the creation of highly accurate and dynamic virtual models of patients, which support early disease detection and customized therapies.

"By industry, the energy & utilities segment is projected to be the second largest in the digital twin market during the forecasted period."

The energy & utilities segment is projected to hold the second-largest market share in the digital twin market during the forecast period, owing to the increasing adoption of digital twin technologies across power generation, transmission, distribution, and utility management. Energy companies are increasingly leveraging digital twins to optimize asset performance, enhance grid reliability, and enable predictive maintenance of critical infrastructure such as turbines, substations, pipelines, and renewable energy systems. The growing emphasis on smart grid deployment, renewable energy integration, and the modernization of aging utility infrastructure is further accelerating demand in this segment.

"By region, North America is anticipated to be the fastest-growing segment in the digital twin market during the forecast period". North America is expected to witness the highest growth rate in the digital twin market during the forecast period, driven by rapid technological advancements and widespread adoption across various sectors. Manufacturing, automotive, aerospace, healthcare, and energy industries increasingly leverage digital twin technologies to enhance operational efficiency, predictive maintenance, and product innovation. The presence of major technology providers and early adopters of IoT, AI, and machine learning further accelerates market growth in the region.

Breakdown of primaries

The study contains insights from various industry experts, including digital twin providers, Tier 1 companies, and end users. The break-up of the primaries is as follows:

- By Company Type - Tier 1 - 40%, Tier 2 - 35%, Tier 3 - 25%
- By Designation- C-level Executives - 48%, Directors - 33%, Others - 19%
- By Region-North America - 35%, Europe - 18%, Asia Pacific - 40%, RoW - 7%

The digital twin market is dominated by a few globally established players such as Siemens (Germany), ANSYS, Inc. (US), GE Vernova (US), Dassault Systemes (France), and PTC (US). The study includes an in-depth competitive analysis of these key players in the digital twin market, with their company profiles, recent developments, and key market strategies.

Research Coverage:

The report segments the digital twin market and forecasts its size by enterprise, application, industry, and region. The report also discusses the drivers, restraints, opportunities, and challenges pertaining to the market. It gives a detailed view of the market across four main regions-North America, Europe, Asia Pacific, and RoW. Supply chain analysis has been included in the report, along with the key players and their competitive analysis in the digital twin ecosystem.

Key Benefits of Buying the Report:

- Analysis of key drivers (Growing use of digital twin technology to reduce costs and improve supply chain operations, Surging demand for digital twin technology from the healthcare industry, Increasing adoption of predictive maintenance models across industries). Restraint (Susceptibility of digital twin technology to cyberattacks), Opportunity (Surging demand for advanced real-time data analytics), Challenges (Complexities associated with data collection and mathematical models).
- Product Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and new product launches in the digital twin market.
- Market Development: Comprehensive information about lucrative markets - the report analyses the digital twin market across varied regions.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

-□Market Diversification: Exhaustive information about new products and services, untapped geographies, recent developments, and investments in the digital twin market.

-□Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading Siemens (Germany), ANSYS, Inc. (US), GE Vernova (US), Dassault Systemes (France), and PTC (US), among others, in the digital twin market.

Table of Contents:

1	INTRODUCTION	29
1.1	STUDY OBJECTIVES	29
1.2	MARKET DEFINITION	29
1.3	STUDY SCOPE	30
1.3.1	MARKETS COVERED AND REGIONAL SCOPE	30
1.3.2	INCLUSIONS AND EXCLUSIONS	31
1.3.3	YEARS CONSIDERED	31
1.4	CURRENCY CONSIDERED	32
1.5	STAKEHOLDERS	32
1.6	SUMMARY OF CHANGES	32
2	RESEARCH METHODOLOGY	34
2.1	RESEARCH DATA	34
2.1.1	SECONDARY AND PRIMARY RESEARCH	35
2.1.2	SECONDARY DATA	36
2.1.2.1	List of secondary sources	37
2.1.2.2	Key data from secondary sources	37
2.1.3	PRIMARY DATA	38
2.1.3.1	Primary interviews with experts	38
2.1.3.2	Key data from primary sources	39
2.1.3.3	Key insights from industry experts	40
2.1.3.4	Breakdown of primaries	40
2.2	MARKET SIZE ESTIMATION	41
2.2.1	BOTTOM-UP APPROACH	41
2.2.1.1	Approach to capture market size using bottom-up analysis (demand side)	41
2.2.2	TOP-DOWN APPROACH	42
2.2.2.1	Approach to capture market size using top-down analysis (supply side)	42
2.3	MARKET BREAKDOWN AND DATA TRIANGULATION	44
2.4	RESEARCH ASSUMPTIONS	45
2.5	RESEARCH LIMITATIONS	46
2.6	RISK ASSESSMENT	46
3	EXECUTIVE SUMMARY	47
?		
4	PREMIUM INSIGHTS	51
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN DIGITAL TWIN MARKET	51
4.2	DIGITAL TWIN MARKET, BY APPLICATION	51
4.3	DIGITAL TWIN MARKET, BY ENTERPRISE SIZE	52
4.4	DIGITAL TWIN MARKET, BY INDUSTRY	52
4.5	DIGITAL TWIN MARKET, BY COUNTRY	53

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5	MARKET OVERVIEW	54
5.1	INTRODUCTION	54
5.2	MARKET DYNAMICS	55
5.2.1	DRIVERS	55
5.2.1.1	Innovation in rapid design and tailored manufacturing	55
5.2.1.2	Increasing focus on empowering operations with real-time intelligence	56
5.2.1.3	Surging adoption of predictive maintenance model across industries to reduce downtime	56
5.2.2	RESTRAINTS	57
5.2.2.1	High upfront investment and extended payback periods	57
5.2.2.2	Data security and privacy concerns	57
5.2.3	OPPORTUNITIES	58
5.2.3.1	Rise of smart factories through real-time simulation and autonomous operations	58
5.2.3.2	Emergence of urban-scale digital twins unlocking new opportunities in smart city planning	59
5.2.3.3	Development of human-centered digital twins	59
5.2.4	CHALLENGES	60
5.2.4.1	Complexities associated with data collection and mathematical models	60
5.2.4.2	Undermined real-time analytics due to unreliable networks	61
5.3	VALUE CHAIN ANALYSIS	62
5.4	ECOSYSTEM ANALYSIS	64
5.5	INVESTMENT AND FUNDING SCENARIO	65
5.6	PRICING ANALYSIS	66
5.6.1	INDICATIVE PRICING OF DIGITAL TWIN PLATFORMS, BY KEY PLAYER, 2024	67
5.6.2	AVERAGE SELLING PRICE TREND, BY REGION, 2021-2024	67
5.7	TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS	68
5.8	TECHNOLOGY ANALYSIS	69
5.8.1	KEY TECHNOLOGIES	69
5.8.1.1	IoT and IIoT	69
5.8.1.2	Artificial intelligence and machine learning	69
5.8.1.3	Augmented reality, virtual reality, and mixed reality	70
5.8.1.4	Cloud computing and edge computing	70
?		
5.8.2	COMPLEMENTARY TECHNOLOGIES	71
5.8.2.1	Blockchain	71
5.8.2.2	5G	71
5.8.3	ADJACENT TECHNOLOGIES	72
5.8.3.1	Product lifecycle management	72
5.8.3.2	Enterprise resource planning	72
5.9	PORTER'S FIVE FORCES ANALYSIS	73
5.9.1	THREAT OF NEW ENTRANTS	74
5.9.2	THREAT OF SUBSTITUTES	74
5.9.3	BARGAINING POWER OF BUYERS	74
5.9.4	BARGAINING POWER OF SUPPLIERS	75
5.9.5	INTENSITY OF COMPETITIVE RIVALRY	75
5.10	KEY STAKEHOLDERS AND BUYING CRITERIA	76
5.10.1	KEY STAKEHOLDERS IN BUYING PROCESS	76
5.10.2	BUYING CRITERIA	77
5.11	CASE STUDY ANALYSIS	78

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.11.1 LUNDIN GROUP UTILIZES HONEYWELL'S DIGITAL TWIN TECH TO ENHANCE EFFICIENCY AND CUT EMISSIONS ON OFFSHORE PLATFORM 78
- 5.11.2 NRF PARTNERS WITH DASSAULT SYSTEMES TO DEPLOY 3D DIGITAL TWIN PLATFORM FOR SMARTER URBAN PLANNING 79
- 5.11.3 FAURECIA ADOPTS 3DEXPERIENCE DIGITAL TWIN PLATFORM TO OPTIMIZE AGV INBOUND LOGISTICS 79
- 5.11.4 DOOSAN CORPORATION OPTIMIZES ENERGY OUTPUT IN WIND FARMS BY IMPLEMENTING AZURE DIGITAL TWINS 80
- 5.11.5 IBM INCORPORATES DIGITAL TWINS TO IMPROVE SPARE PART INVENTORY 81
- 5.12 TRADE ANALYSIS 81
- 5.12.1 IMPORT SCENARIO (HS CODE 851769) 82
- 5.12.2 EXPORT SCENARIO (HS CODE 851769) 83
- 5.13 PATENT ANALYSIS 84
- 5.14 KEY CONFERENCES AND EVENTS, 2025-2026 86
- 5.15 REGULATORY LANDSCAPE 87
- 5.15.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 87
- 5.15.2 STANDARDS AND REGULATIONS RELATED TO DIGITAL TWIN TECHNOLOGY 89
- 5.16 IMPACT OF AI/GEN AI ON DIGITAL TWIN MARKET 91
- 5.16.1 INTRODUCTION 91
- 5.16.2 IMPACT OF AI/GEN AI ON KEY INDUSTRIES 91
- 5.16.2.1 Aerospace 91
- 5.16.2.2 Automotive & transportation 91
- 5.16.2.3 Energy & utilities 91
- 5.16.3 USE CASES 92
- 5.16.4 FUTURE OF AI/GEN AI IN DIGITAL TWIN ECOSYSTEM 92
- ?
- 5.17 IMPACT OF 2025 US TARIFF - OVERVIEW 93
- 5.17.1 INTRODUCTION 93
- 5.17.2 KEY TARIFF RATES 94
- 5.17.3 PRICE IMPACT ANALYSIS 95
- 5.17.4 IMPACT ON COUNTRIES/REGIONS 95
- 5.17.4.1 US 95
- 5.17.4.2 Europe 96
- 5.17.4.3 Asia Pacific 96
- 5.17.5 IMPACT ON INDUSTRIES 97
- 5.17.5.1 Aerospace 97
- 5.17.5.2 Oil & Gas 97
- 6 DIGITAL TWIN INTEGRATION ACROSS DIFFERENT COMPONENTS, PRODUCTS, PROCESSES, AND SYSTEMS 98
- 6.1 INTRODUCTION 98
- 6.2 COMPONENT DIGITAL TWIN 98
- 6.3 PRODUCT DIGITAL TWIN 98
- 6.4 PROCESS DIGITAL TWIN 99
- 6.5 SYSTEM DIGITAL TWIN 99
- 7 DIGITAL TWIN DEPLOYMENT MODELS 101
- 7.1 INTRODUCTION 101
- 7.2 PLATFORM AS A SERVICE (PAAS) 101
- 7.3 SOFTWARE AS A SERVICE (SAAS) 102
- 8 MATURITY EVOLUTION OF DIGITAL TWIN TECHNOLOGY 103
- 8.1 INTRODUCTION 103
- 8.2 CONCEPTUAL OR PROTOTYPE TWINS 103

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

8.3	OPERATIONAL DEPLOYMENT	103
8.4	SCALED ENTERPRISE IMPLEMENTATION	104
8.5	CROSS-PLATFORM ECOSYSTEMS (INTERCONNECTED TWINS)	104
9	DIGITAL TWIN MARKET, BY ENTERPRISE SIZE	105
9.1	INTRODUCTION	106
9.2	LARGE ENTERPRISES	108
9.2.1	RAPID DEPLOYMENT OF BLOCKCHAIN TECHNOLOGY IN HEALTHCARE, AUTOMOTIVE, OIL & GAS SECTORS TO DRIVE MARKET	108
9.3	SMALL & MEDIUM-SIZED ENTERPRISES	109
9.3.1	AVAILABILITY OF BUDGET-FRIENDLY AND SUBSCRIPTION-BASED DIGITAL TWIN SERVICES TO SUPPORT SEGMENTAL GROWTH	109
	?	
10	DIGITAL TWIN MARKET, BY APPLICATION	111
10.1	INTRODUCTION	112
10.2	PRODUCT DESIGN & DEVELOPMENT	113
10.2.1	GROWING RELIANCE ON VIRTUAL SIMULATIONS TO REDUCE COSTLY PHYSICAL PROTOTYPES TO BOOST DEMAND	113
10.3	PERFORMANCE MONITORING	115
10.3.1	PRESSING NEED FOR REAL-TIME PERFORMANCE MONITORING TO OPTIMIZE PRODUCTION OUTCOME TO DRIVE MARKET	115
10.4	PREDICTIVE MAINTENANCE	117
10.4.1	GROWING FOCUS OF MANUFACTURING FIRMS ON COST SAVING TO CONTRIBUTE TO SEGMENTAL GROWTH	117
10.5	INVENTORY MANAGEMENT	119
10.5.1	STRONG EMPHASIS OF PROCESS INDUSTRIES ON INVENTORY OPTIMIZATION TO SPUR DEMAND	119
10.6	BUSINESS OPTIMIZATION	120
10.6.1	SIGNIFICANT FOCUS ON COST-EFFECTIVE AND FASTER PRODUCTIVE DEVELOPMENT TO INCREASE ADOPTION	120
10.7	OTHER APPLICATIONS	122
11	DIGITAL TWIN MARKET, BY INDUSTRY	124
11.1	INTRODUCTION	125
11.2	AUTOMOTIVE & TRANSPORTATION	127
11.2.1	GROWING FOCUS OF AUTOMAKERS ON SCALABLE INTELLIGENT PRODUCTION TO BOOST DEMAND	127
11.3	ENERGY & UTILITIES	133
11.3.1	RISING USE OF DIGITAL TWIN TECHNOLOGY IN WIND FARMS TO STIMULATE MARKET GROWTH	133
11.4	INFRASTRUCTURE	138
11.4.1	SMART CITY PROJECTS AND SMART TRANSPORTATION INITIATIVES TO DRIVE MARKET	138
11.5	HEALTHCARE	143
11.5.1	DIGITAL TRANSFORMATION IN HEALTHCARE INDUSTRY TO ACCELERATE MARKET GROWTH	143
11.6	AEROSPACE	147
11.6.1	PRESSING NEED FOR REAL-TIME TELEMETRY DATA TO INCREASE ADOPTION	147
11.7	OIL & GAS	152
11.7.1	CRITICAL NECESSITY TO OPTIMIZE OIL AND GAS PLANT OPERATIONS TO DRIVE MARKET	152
11.8	TELECOMMUNICATIONS	156
11.8.1	URGENT NEED TO MONITOR IMPACT OF 5G COMMERCIALIZATION TO CREATE GROWTH OPPORTUNITIES	156
11.9	AGRICULTURE	160
11.9.1	ELEVATING DEMAND FOR PRECISION AGRICULTURE INSIGHTS TO FOSTER MARKET GROWTH	160
	?	
11.10	RETAIL	164
11.10.1	SURGING ADOPTION TO IMPROVE CUSTOMER ENGAGEMENT AND SATISFACTION TO PROPEL MARKET	164
11.11	OTHER INDUSTRIES	168

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 12 DIGITAL TWIN MARKET, BY REGION 174
- 12.1 INTRODUCTION 175
- 12.2 NORTH AMERICA 177
 - 12.2.1 MACROECONOMIC OUTLOOK FOR NORTH AMERICA 177
 - 12.2.2 US 181
 - 12.2.2.1 Energy, automotive, and manufacturing sectors to contribute to market growth 181
 - 12.2.3 CANADA 182
 - 12.2.3.1 Escalating demand for cloud-enabled and AI-powered digital twin from industrial players to fuel market growth 182
 - 12.2.4 MEXICO 184
 - 12.2.4.1 Significant focus on decarbonization and renewable energy projects to create growth opportunities 184
- 12.3 EUROPE 186
 - 12.3.1 MACROECONOMIC OUTLOOK FOR EUROPE 186
 - 12.3.2 GERMANY 190
 - 12.3.2.1 Increasing adoption of automation and digital technologies to stimulate market growth 190
 - 12.3.3 FRANCE 192
 - 12.3.3.1 Rising adoption of IoT and cloud computing to propel market 192
 - 12.3.4 UK 193
 - 12.3.4.1 Increasing investments in renewable energy projects to facilitate market growth 193
 - 12.3.5 SPAIN 195
 - 12.3.5.1 Infrastructure modernization and urban planning initiatives to drive market 195
 - 12.3.6 ITALY 196
 - 12.3.6.1 Rising use in environmental and industrial innovation to contribute to market growth 196
 - 12.3.7 POLAND 198
 - 12.3.7.1 Launch of innovative digital twin solutions for water management and renewable energy sectors to drive market 198
 - 12.3.8 REST OF EUROPE 199
- 12.4 ASIA PACIFIC 201
 - 12.4.1 MACROECONOMIC OUTLOOK FOR ASIA PACIFIC 201
 - 12.4.2 CHINA 205
 - 12.4.2.1 Greater emphasis on smart city planning and disaster preparedness to boost demand 205
 - 12.4.3 JAPAN 206
 - 12.4.3.1 Government plan to expand manufacturing base of high-value-added products to foster market growth 206
 - 12.4.4 INDIA 208
 - 12.4.4.1 Smart city, digital public infrastructure, and industrial modernization initiatives to create fertile environment 208
 - 12.4.5 SOUTH KOREA 209
 - 12.4.5.1 Rising focus on addressing complex urban challenges to spike demand 209
 - 12.4.6 AUSTRALIA 211
 - 12.4.6.1 Next-generation urban planning programs to spur demand 211
 - 12.4.7 INDONESIA 212
 - 12.4.7.1 Smart city evolution to contribute to industrial-scale digital twin adoption 212
 - 12.4.8 REST OF ASIA PACIFIC 214
- 12.5 ROW 216
 - 12.5.1 MACROECONOMIC OUTLOOK FOR ROW 216
 - 12.5.2 SOUTH AMERICA 218
 - 12.5.2.1 Accelerated adoption of IoT to support market growth 218
 - 12.5.3 MIDDLE EAST 219
 - 12.5.3.1 Saudi Arabia 222

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.5.3.1.1	Elevating adoption in water treatment plants to create market momentum	222
12.5.3.2	UAE	222
12.5.3.2.1	Inclination of industry players toward smart manufacturing to drive market	222
12.5.3.3	Rest of Middle East	222
12.5.4	AFRICA	223
12.5.4.1	Progressive shift toward data-driven, collaborative water management practices to support market growth	223
13	COMPETITIVE LANDSCAPE	225
13.1	OVERVIEW	225
13.2	KEY PLAYER STRATEGIES/RIGHT TO WIN, 2023-2025	225
13.3	REVENUE ANALYSIS, 2020-2024	228
13.4	MARKET SHARE ANALYSIS, 2024	229
13.5	COMPANY VALUATION AND FINANCIAL METRICS	232
13.6	BRAND COMPARISON	233
13.7	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	234
13.7.1	STARS	234
13.7.2	EMERGING LEADERS	234
13.7.3	PERVASIVE PLAYERS	234
13.7.4	PARTICIPANTS	234
13.7.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	236
13.7.5.1	Company footprint	236
13.7.5.2	Region footprint	237
13.7.5.3	Enterprise size footprint	238
13.7.5.4	Application footprint	239
13.7.5.5	Industry footprint	240
13.8	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	241
13.8.1	PROGRESSIVE COMPANIES	241
13.8.2	RESPONSIVE COMPANIES	241
13.8.3	DYNAMIC COMPANIES	241
13.8.4	STARTING BLOCKS	241
13.8.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024	243
13.8.5.1	Detailed list of key startups/SMEs	243
13.8.5.2	Competitive benchmarking of key startups/SMEs	244
13.9	COMPETITIVE SCENARIO	245
13.9.1	PRODUCT LAUNCHES/ENHANCEMENTS	245
13.9.2	DEALS	247
14	COMPANY PROFILES	251
14.1	KEY PLAYERS	251
14.1.1	SIEMENS	251
14.1.1.1	Business overview	251
14.1.1.2	Products/Solutions/Services offered	252
14.1.1.3	Recent developments	253
14.1.1.3.1	Deals	253
14.1.1.4	MnM view	254
14.1.1.4.1	Key strengths/Right to win	254
14.1.1.4.2	Strategic choices	254
14.1.1.4.3	Weaknesses/Competitive threats	254
14.1.2	GE VERNOVA	255

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

14.1.2.1	Business overview	255
14.1.2.2	Products/Solutions/Services offered	257
14.1.2.3	Recent developments	257
14.1.2.3.1	Product launches/Enhancements	257
14.1.2.4	MnM view	258
14.1.2.4.1	Key strengths/Right to win	258
14.1.2.4.2	Strategic choices	258
14.1.2.4.3	Weaknesses/Competitive threats	258
14.1.3	ANSYS, INC.	259
14.1.3.1	Business overview	259
14.1.3.2	Products/Solutions/Services offered	260
14.1.3.3	Recent developments	260
14.1.3.3.1	Product launches/Enhancements	260
14.1.3.3.2	Deals	260
14.1.3.4	MnM view	261
14.1.3.4.1	Key strengths/Right to win	261
14.1.3.4.2	Strategic choices	261
14.1.3.4.3	Weaknesses/Competitive threats	261
14.1.4	DASSAULT SYSTEMES	262
14.1.4.1	Business overview	262
14.1.4.2	Products/Solutions/Services offered	263
14.1.4.3	Recent developments	264
14.1.4.3.1	Deals	264
14.1.4.4	MnM view	264
14.1.4.4.1	Key strengths/Right to win	264
14.1.4.4.2	Strategic choices	265
14.1.4.4.3	Weaknesses/Competitive threats	265
14.1.5	PTC	266
14.1.5.1	Business overview	266
14.1.5.2	Products/Solutions/Services offered	267
14.1.5.3	Recent developments	268
14.1.5.3.1	Deals	268
14.1.5.4	MnM view	268
14.1.5.4.1	Key strengths/Right to win	268
14.1.5.4.2	Strategic choices	268
14.1.5.4.3	Weaknesses/Competitive threats	268
14.1.6	HONEYWELL INTERNATIONAL INC.	269
14.1.6.1	Business overview	269
14.1.6.2	Products/Solutions/Services offered	270
14.1.6.3	Recent developments	271
14.1.6.3.1	Product launches/Enhancements	271
14.1.7	ROCKWELL AUTOMATION	272
14.1.7.1	Business overview	272
14.1.7.2	Products/Solutions/Services offered	273
14.1.7.3	Recent developments	274
14.1.7.3.1	Deals	274
14.1.8	HEXAGON AB	275

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

14.1.8.1	Business overview	275
14.1.8.2	Products/Solutions/Services offered	276
14.1.8.3	Recent developments	277
14.1.8.3.1	Product launches/Enhancements	277
14.1.8.3.2	Deals	277
14.1.9	EMERSON ELECTRIC CO.	279
14.1.9.1	Business overview	279
14.1.9.2	Products/Solutions/Services offered	280
14.1.9.3	Recent developments	281
14.1.9.3.1	Product launches/Enhancements	281
14.1.9.3.2	Deals	281
14.1.10	ABB	282
14.1.10.1	Business overview	282
14.1.10.2	Products/Solutions/Services offered	283
14.1.10.3	Recent developments	284
14.1.10.3.1	Deals	284
14.1.11	ROBERT BOSCH GMBH	285
14.1.11.1	Business overview	285
14.1.11.2	Products/Solutions/Services offered	286
14.1.11.3	Recent developments	287
14.1.11.3.1	Product launches/Enhancements	287
14.1.11.3.2	Deals	287
14.1.12	SCHNEIDER ELECTRIC	288
14.1.12.1	Business overview	288
14.1.12.2	Products/Solutions/Services offered	289
14.1.12.3	Recent developments	290
14.1.12.3.1	Deals	290
14.1.13	BENTLEY SYSTEMS, INCORPORATED	291
14.1.13.1	Business overview	291
14.1.13.2	Products/Solutions/Services offered	292
14.1.13.3	Recent developments	293
14.1.13.3.1	Deals	293
14.2	OTHER KEY PLAYERS	294
14.2.1	NAVVIS	294
14.2.2	AUTODESK INC.	295
14.2.3	ANDRITZ	296
14.2.4	RIVER LOGIC, INC.	297
14.2.5	JOHNSON CONTROLS	298
14.2.6	SENSAT	299
14.2.7	PETRA	300
14.2.8	PRATITI TECHNOLOGIES	301
14.2.9	SYNAVISION GMBH	302
14.2.10	DUALITY ROBOTICS, INC.	303
14.2.11	TOMORROW THINGS GMBH	304
14.2.12	AKSELOS S.A.	305
14.3	PLATFORM-AS-A-SERVICE (PAAS) PROVIDERS	306
14.3.1	SAP SE	306

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14.3.1.1 Business overview 306
- 14.3.1.2 Products/Solutions/Services offered 307
- 14.3.1.3 Recent developments 308
 - 14.3.1.3.1 Deals 308
- 14.3.2 ORACLE 309
 - 14.3.2.1 Business overview 309
 - 14.3.2.2 Products/Solutions/Services offered 310
 - 14.3.2.3 Recent developments 311
 - 14.3.2.3.1 Deals 311
- 14.3.3 AMAZON WEB SERVICES, INC. (AWS) 312
 - 14.3.3.1 Business overview 312
 - 14.3.3.2 Products/Solutions/Services offered 313
 - 14.3.3.3 Recent developments 314
 - 14.3.3.3.1 Deals 314
- 14.3.4 MICROSOFT 315
 - 14.3.4.1 Business overview 315
 - 14.3.4.2 Products/Solutions/Services offered 316
 - 14.3.4.3 Recent developments 317
 - 14.3.4.3.1 Product launches/Enhancements 317
 - 14.3.4.3.2 Deals 317
- 15 APPENDIX 318
 - 15.1 DISCUSSION GUIDE 318
 - 15.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL 321
 - 15.3 CUSTOMIZATION OPTIONS 323
 - 15.4 RELATED REPORTS 323
 - 15.5 AUTHOR DETAILS 324

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Digital Twin Market by Deployment (PaaS, SaaS), Application (Product Design & Development, Predictive Maintenance, Performance Monitoring, Business Optimization), Industry (Automotive & Transportation, Oil & Gas) and Region - Global Forecast to 2030

Market Report | 2025-08-01 | 325 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Zip Code*

Country*

Date

2026-03-10

Signature

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com