

**Data Center Solutions Market by Offering (Hardware, Software, Services), Data Center Type (Enterprise Data Center, Cloud Data Center, Colocation Data Center), Tier Type, Data Center Size, Vertical and Region - Global Forecast to 2028**

Market Report | 2024-01-24 | 361 pages | MarketsandMarkets

**AVAILABLE LICENSES:**

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

**Report description:**

The data center solutions market is expected to grow from USD 338.8 billion in 2023 to USD 591.7 billion by 2028 at a Compound Annual Growth Rate (CAGR) of 11.8% during the forecast period. The rapid growth of AI and ML workloads and the cloud computing revolution will drive the demand for the data center solutions market. Scalability and flexibility issues are significant challenges for the growth of the data center solutions market.

"As per the hardware, the cooling modules segment is expected to grow at the highest CAGR during the forecast period. " Cooling modules are an integral component within the hardware segment of data center solutions, focused on managing and maintaining optimal operating temperatures for IT equipment. Adequate cooling is crucial for preventing overheating, ensuring hardware reliability, and maximizing the overall efficiency of data center operations. These modules encompass a range of technologies and systems designed to dissipate heat generated by IT infrastructure and maintain a conducive environment for electronic components. One key element of cooling modules is precision air conditioning systems. These systems provide targeted cooling to specific areas within the data center, delivering conditioned air to equipment racks and server aisles. Precision air conditioning allows for precise temperature control, ensuring IT equipment operates within optimal temperature ranges.

"As per data center type, the enterprise data center will hold the largest market share in 2023. "

Enterprise data centers provide complete control over data privacy and security. However, this also means that organizations must implement and maintain all security measures. Building and maintaining an enterprise data center involves significant capital expenditures for land, building construction, equipment, and ongoing operational costs. An onsite data center needs a reliable power supply and cooling system, an extensive network, a security system, and others, which can be tedious to support in-house, especially for SMEs.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

As per region, Europe is anticipated to witness the second-largest market share during the forecast period.

Europe's data center solutions market is marked by a dynamic landscape with increasing demand for advanced, scalable, and energy-efficient infrastructure. As a hub for technological innovation, Europe experiences substantial growth in data center investments to meet the evolving requirements of businesses and consumers. Key countries such as the United Kingdom, Germany, France, and the Netherlands significantly contribute to the region's data center market. Europe is witnessing a shift towards sustainable, green data center practices driven by environmental concerns and regulatory initiatives. There is a growing emphasis on utilizing renewable energy sources and implementing energy-efficient technologies to reduce the environmental impact of data center operations.

The breakup of the profiles of the primary participants is as follows:

-□By Company: Tier I: 30%, Tier II: 45%, and Tier III: 25%

-□By Designation: C-Level Executives: 50%, Director Level: 35%, and Others: 15%

-□By Region: North America: 50%, Europe: 30%, Asia Pacific: 15%, Rest of World: 5%

Note: Others include sales managers, marketing managers, and product managers

Note: The rest of the World consists of the Middle East & Africa, and Latin America

Note: Tier 1 companies have revenues of more than USD 100 million; tier 2 companies' revenue ranges from USD 10 million to USD 100 million; and tier 3 companies' revenue is less than 10 million

Source: Secondary Literature, Expert Interviews, and MarketsandMarkets Analysis

Some of the significant vendors offering data center solutions across the globe include AWS (US), Microsoft (US), Google (US), Equinix (US), Dell (US), Huawei (China), Digital Realty (US), NTT (Japan), KDDI (Japan), and HPE (US), CyrusOne (US), China Telecom (China), Cyxtera Technologies (US), GDS Holdings (China), CoreSite (US), QTS Data Centers (US), 365 Data Centers (US), Alibaba Cloud (China), Oracle (US), Iron Mountain (US), IBM (US), Schneider Electric (France), RackBank Datacenters (India), Liquidstack (US), DartPoints (US), and Hyperview (US).

Research coverage:

The market study covers the data center solutions market across segments. It aims to estimate the market size and the growth potential of this market across different market segments, such as offering, data center type, data center size, tier type, vertical, and region. It includes an in-depth competitive analysis of the key players in the market, their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

Reasons to buy this report:

The report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the overall data center solutions market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

-□Analysis of critical Drivers (Cloud computing revolution, Increasing edge computing trends, Data explosion and analytics, Rapid growth of AI and ML workloads, Expansion of data center capacity, Increasing sustainability and green initiatives); Restraints (High initial investments, Complexity of implementation); Opportunities (Emergence of Generative AI, Growing demand for Edge Data Center-as-a-Service, Increasing demand for hybrid and multi-cloud deployments); and Challenges (Rapid technological advancements, Scalability and flexibility complexities, Security concerns) influencing the growth of the data center solutions market.

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

- **Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the data center solutions market.
- **Market Development:** Comprehensive information about lucrative markets - the report analyses the data center solutions market across varied regions.
- **Market Diversification:** Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the data center solutions market.
- **Competitive Assessment:** In-depth assessment of market shares, growth strategies, and service offerings of leading players like AWS (US), Microsoft (US), Google (US), Equinix (US), and Dell (US), among others, in the data center solutions market.

## Table of Contents:

1	INTRODUCTION	33
1.1	STUDY OBJECTIVES	33
1.2	MARKET DEFINITION	33
1.2.1	INCLUSIONS AND EXCLUSIONS	34
1.3	MARKET SCOPE	34
1.3.1	MARKET SEGMENTATION	35
1.3.2	REGIONS COVERED	35
1.3.3	YEARS CONSIDERED	36
1.4	CURRENCY CONSIDERED	36
TABLE 1	USD EXCHANGE RATES, 2018-2022	36
1.5	STAKEHOLDERS	37
1.6	SUMMARY OF CHANGES	37
1.6.1	RECESSION IMPACT	38
2	RESEARCH METHODOLOGY	39
2.1	RESEARCH APPROACH	39
FIGURE 1	DATA CENTER SOLUTIONS MARKET: RESEARCH DESIGN	40
2.1.1	SECONDARY DATA	40
2.1.2	PRIMARY DATA	41
2.1.2.1	Breakup of primary interviews	42
2.1.2.2	Key industry insights	42
2.2	MARKET BREAKUP AND DATA TRIANGULATION	43
FIGURE 2	DATA CENTER SOLUTIONS MARKET: MARKET BREAKUP AND DATA TRIANGULATION	43
2.3	MARKET SIZE ESTIMATION	44
FIGURE 3	DATA CENTER SOLUTIONS MARKET: TOP-DOWN AND BOTTOM-UP APPROACHES	44
2.3.1	TOP-DOWN APPROACH	45
FIGURE 4	MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH	45
2.3.2	BOTTOM-UP APPROACH	45
FIGURE 5	MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH	46
FIGURE 6	DATA CENTER SOLUTIONS MARKET: RESEARCH FLOW	46
2.3.3	MARKET ESTIMATION APPROACHES	47
FIGURE 7	MARKET SIZE ESTIMATION METHODOLOGY: SUPPLY-SIDE ANALYSIS	47
FIGURE 8	MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH FROM SUPPLY SIDE - COLLECTIVE REVENUE OF VENDORS	47
FIGURE 9	BOTTOM-UP APPROACH FROM SUPPLY SIDE: COLLECTIVE REVENUE OF VENDORS	48

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

FIGURE 10	DEMAND-SIDE APPROACH: DATA CENTER SOLUTIONS MARKET	48
2.4	MARKET FORECAST	49
TABLE 2	FACTOR ANALYSIS	49
2.5	RECESSION IMPACT ON DATA CENTER SOLUTIONS MARKET	50
2.6	RESEARCH ASSUMPTIONS	51
2.7	RESEARCH LIMITATIONS	53
3	EXECUTIVE SUMMARY	54
TABLE 3	DATA CENTER SOLUTIONS MARKET SIZE AND GROWTH, 2018-2022 (USD MILLION, Y-O-Y %)	55
TABLE 4	DATA CENTER SOLUTIONS MARKET SIZE AND GROWTH, 2023-2028 (USD MILLION, Y-O-Y %)	55
FIGURE 11	GLOBAL DATA CENTER SOLUTIONS MARKET TO WITNESS SIGNIFICANT GROWTH	55
3.1	OVERVIEW OF RECESSION IMPACT	56
FIGURE 12	NORTH AMERICA ACCOUNTED FOR LARGEST MARKET SHARE IN 2023	56
FIGURE 13	FASTEST-GROWING SEGMENTS OF DATA CENTER SOLUTIONS MARKET	57
4	PREMIUM INSIGHTS	59
4.1	ATTRACTIVE GROWTH OPPORTUNITIES FOR PLAYERS IN DATA CENTER SOLUTIONS MARKET	59
FIGURE 14	ACCELERATING DEMAND FOR DIGITAL TRANSFORMATION AND CLOUD SERVICES TO DRIVE MARKET	59
4.2	DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023 VS. 2028	59
FIGURE 15	HARDWARE SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE DURING FORECAST PERIOD	59
4.3	DATA CENTER SOLUTIONS MARKET, BY DATA CENTER TYPE, 2023 VS. 2028	60
FIGURE 16	ENTERPRISE DATA CENTERS SEGMENT ACCOUNTED FOR LARGEST MARKET SHARE IN 2023	60
4.4	DATA CENTER SOLUTIONS MARKET, BY TIER TYPE, 2023 VS. 2028	60
FIGURE 17	TIER 4 SEGMENT ACCOUNTED FOR LARGEST MARKET SHARE IN 2023	60
4.5	DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023 VS. 2028	61
FIGURE 18	LARGE DATA CENTERS SEGMENT ACCOUNTED FOR LARGEST MARKET SHARE IN 2023	61
4.6	DATA CENTER SOLUTIONS MARKET, BY VERTICAL, 2023 VS. 2028	61
FIGURE 19	BFSI SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE DURING FORECAST PERIOD	61
4.7	DATA CENTER SOLUTIONS MARKET: REGIONAL SCENARIO, 2023-2028	62
FIGURE 20	ASIA PACIFIC TO EMERGE AS KEY MARKET FOR INVESTMENT IN NEXT 5 YEARS	62
5	MARKET OVERVIEW AND INDUSTRY TRENDS	63
5.1	INTRODUCTION	63
5.2	MARKET DYNAMICS	63
FIGURE 21	DATA CENTER SOLUTIONS MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES	63
5.2.1	DRIVERS	63
5.2.1.1	Cloud computing revolution	63
FIGURE 22	DATA CENTER ESTABLISHMENTS FACILITATING CLOUD GROWTH	64
5.2.1.2	Increasing edge computing trends	64
5.2.1.3	Data explosion and analytics	65
5.2.1.4	Rapid growth of AI and ML workloads	65
FIGURE 23	AI AND ML ADOPTION DRIVERS	66
5.2.1.5	Expansion of data center capacity	66
5.2.1.6	Increasing sustainability and green initiatives	66
FIGURE 24	RENEWABLES AND IMPROVED DATA CENTER COOLING AMONG TOP DRIVERS FOR SUSTAINABILITY GAINS	67
5.2.2	RESTRAINTS	67
5.2.2.1	High initial investments	67
5.2.2.2	Complexity of implementation	67
5.2.3	OPPORTUNITIES	68
5.2.3.1	Emergence of generative AI	68

5.2.3.2	Data center expansion in developing regions	68
5.2.3.3	Growing demand for edge data center-as-a-service	69
5.2.3.4	Increasing demand for hybrid and multi-cloud deployments	69
5.2.4	CHALLENGES	70
5.2.4.1	Rapid technological advancements	70
5.2.4.2	Scalability and flexibility complexities	70
5.2.4.3	Security concerns	71
5.3	CASE STUDY ANALYSIS	71
5.3.1	CASE STUDY 1: MICROSOFT CHOSE IMMERSION COOLING TECH BY LIQUIDSTACK FOR ITS CLOUD SERVERS	71
5.3.2	CASE STUDY 2: CHINA MOBILE INTERNATIONAL DEPLOYED LOCAL DATA CENTER TO SCALE JAPANESE MARKET	72
5.3.3	CASE STUDY 3: STEWART ENGINEERED CONTINUOUS UPTIME BY DEPLOYING EATON'S PRODUCTS	72
5.3.4	CASE STUDY 4: THYSSENKRUPP STEEL EXPANDED IT INFRASTRUCTURE WITH RITTAL'S EDGE DATA CENTERS	73
5.3.5	CASE STUDY 5: CAREERBRAIN FULFILLED REQUISITE COMPETITIVE CUSTOMER SERVICE DEMANDS WITH FUJITSU PRODUCTS	73
5.3.6	CASE STUDY 6: VOLKSWAGEN VIRTUALIZED SERVER FOR LOWER COST AND IMPROVED PERFORMANCE THROUGH FUJITSU	74
5.4	SUPPLY CHAIN ANALYSIS	74
FIGURE 25	DATA CENTER SOLUTIONS MARKET: SUPPLY CHAIN ANALYSIS	74
5.5	ECOSYSTEM ANALYSIS	76
FIGURE 26	DATA CENTER SOLUTIONS MARKET ECOSYSTEM ANALYSIS	76
5.6	TECHNOLOGICAL ANALYSIS	77
5.6.1	KEY TECHNOLOGIES	77
5.6.1.1	Cloud	77
5.6.1.2	Virtualization	77
5.6.2	COMPLEMENTARY TECHNOLOGIES	77
5.6.2.1	IoT	77
5.6.2.2	Cybersecurity	78
5.6.2.3	Containerization	78
5.6.3	ADJACENT TECHNOLOGIES	79
5.6.3.1	AI/ML	79
5.6.3.2	Edge computing	79
5.6.3.3	5G	79
5.7	PRICING ANALYSIS	80
5.7.1	AVERAGE SELLING PRICE (ASP) TREND OF KEY PLAYERS, BY SOLUTION	80
FIGURE 27	AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY SOLUTION (USD MILLION/MONTH)	81
5.7.2	INDICATIVE PRICING ANALYSIS OF DATA CENTER SOLUTIONS	82
TABLE 5	INDICATIVE PRICING ANALYSIS OF DATA CENTER SOLUTION VENDORS	82
TABLE 6	INDICATIVE PRICING ANALYSIS OF DATA CENTER RACK VENDORS	82
5.8	PATENT ANALYSIS	83
FIGURE 28	NUMBER OF PATENTS PUBLISHED, 2012-2022	83
FIGURE 29	TOP 5 PATENT OWNERS (GLOBAL)	84
TABLE 7	TOP 10 PATENT APPLICANTS (US)	84
5.9	PORTER'S FIVE FORCES ANALYSIS	85
FIGURE 30	DATA CENTER SOLUTIONS MARKET: PORTER'S FIVE FORCES ANALYSIS	85
TABLE 8	DATA CENTER SOLUTIONS MARKET: PORTER'S FIVE FORCES ANALYSIS	85
5.9.1	THREAT OF NEW ENTRANTS	86
5.9.2	THREAT OF SUBSTITUTES	86
5.9.3	BARGAINING POWER OF BUYERS	86

5.9.4	BARGAINING POWER OF SUPPLIERS	86
5.9.5	INTENSITY OF COMPETITIVE RIVALRY	86
5.10	REGULATORY LANDSCAPE	87
5.10.1	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	87
TABLE 9	NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	87
TABLE 10	EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	87
TABLE 11	ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	88
TABLE 12	REST OF THE WORLD: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	89
5.10.2	REGULATIONS, BY REGION	90
5.10.2.1	North America	90
5.10.2.2	Europe	90
5.10.2.3	Asia Pacific	91
5.10.2.4	Middle East & Africa	91
5.10.2.5	Latin America	91
5.11	TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS	92
FIGURE 31	DATA CENTER SOLUTIONS MARKET: TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS	92
5.12	KEY STAKEHOLDERS AND BUYING CRITERIA	92
5.12.1	KEY STAKEHOLDERS IN BUYING PROCESS	92
FIGURE 32	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR VERTICALS	93
TABLE 13	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR VERTICALS (%)	93
5.12.2	BUYING CRITERIA	93
FIGURE 33	KEY BUYING CRITERIA FOR VERTICALS	93
TABLE 14	KEY BUYING CRITERIA FOR VERTICALS	94
5.13	BUSINESS MODEL ANALYSIS	94
FIGURE 34	DATA CENTER SOLUTIONS MARKET: BUSINESS MODELS	94
5.14	KEY CONFERENCES AND EVENTS IN 2024	96
TABLE 15	DATA CENTER SOLUTIONS MARKET: LIST OF KEY CONFERENCES AND EVENTS, 2024	96
5.15	TRADE ANALYSIS	97
TABLE 16	IMPORT DATA, BY COUNTRY, 2018-2022 (USD MILLION)	97
FIGURE 35	IMPORT DATA, BY COUNTRY, 2018-2022 (USD MILLION)	97
TABLE 17	EXPORT DATA, BY COUNTRY, 2018-2022 (USD MILLION)	98
FIGURE 36	EXPORT DATA, BY COUNTRY, 2018-2022 (USD MILLION)	98
5.16	TARIFF ANALYSIS	98
TABLE 18	MFN TARIFFS FOR HS CODE: 8471 EXPORTED BY US	99
TABLE 19	MFN TARIFFS FOR HS CODE: 8471 EXPORTED BY AUSTRALIA	99
TABLE 20	MFN TARIFF FOR HS CODE: 8471 EXPORTED BY HONG KONG, CHINA	99
5.17	INVESTMENT AND FUNDING SCENARIO	99
FIGURE 37	INVESTMENT AND FUNDING SCENARIO, 2017-2022	99
6	DATA CENTER SOLUTIONS MARKET, BY OFFERING	100
6.1	INTRODUCTION	101
6.1.1	OFFERING: DATA CENTER SOLUTIONS MARKET DRIVERS	101
FIGURE 38	SOFTWARE SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD	102
TABLE 21	DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	102
TABLE 22	DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	102
6.2	HARDWARE	102
FIGURE 39	COOLING MODULES SEGMENT TO WITNESS HIGHEST GROWTH RATE DURING FORECAST PERIOD	103
TABLE 23	DATA CENTER SOLUTIONS MARKET, BY HARDWARE, 2018-2022 (USD MILLION)	103

TABLE 24	DATA CENTER SOLUTIONS MARKET, BY HARDWARE, 2023-2028 (USD MILLION)	104
TABLE 25	HARDWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	104
TABLE 26	HARDWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	104
6.2.1	IT MODULES	104
6.2.1.1	Surging demand for digital services and widespread adoption of cloud technologies to drive market	104
6.2.1.2	Servers	105
6.2.1.3	Storage	105
6.2.1.4	Network infrastructure	105
TABLE 27	IT MODULES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	106
TABLE 28	IT MODULES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	106
6.2.2	POWER MODULES	106
6.2.2.1	Need for energy-efficient solutions and sustainability initiatives to drive market	106
TABLE 29	POWER MODULES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	107
TABLE 30	POWER MODULES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	107
6.2.3	COOLING MODULES	107
6.2.3.1	Rising data center heat loads and increased focus on energy efficiency to drive market	107
TABLE 31	COOLING MODULES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	108
TABLE 32	COOLING MODULES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	108
6.3	SOFTWARE	108
FIGURE 40	MONITORING & MANAGEMENT TOOLS SEGMENT TO LEAD MARKET DURING FORECAST PERIOD	109
TABLE 33	DATA CENTER SOLUTIONS MARKET, BY SOFTWARE, 2018-2022 (USD MILLION)	109
TABLE 34	DATA CENTER SOLUTIONS MARKET, BY SOFTWARE, 2023-2028 (USD MILLION)	110
TABLE 35	SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	110
TABLE 36	SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	110
6.3.1	MONITORING & MANAGEMENT TOOLS	111
6.3.1.1	Increasing complexity of data center operations and need for real-time monitoring to drive market	111
6.3.1.2	DCIM software	111
6.3.1.3	Performance monitoring tools	111
6.3.1.4	Configuration management	112
TABLE 37	MONITORING & MANAGEMENT TOOLS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	112
TABLE 38	MONITORING & MANAGEMENT TOOLS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	112
6.3.2	AUTOMATION & ORCHESTRATION SOFTWARE	113
6.3.2.1	Growing demand for streamlined operations and reduced manual intervention to drive market	113
TABLE 39	AUTOMATION & ORCHESTRATION SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	113
TABLE 40	AUTOMATION & ORCHESTRATION SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	114
6.3.3	BACKUP & DISASTER RECOVERY SOFTWARE	114
6.3.3.1	Rising awareness about data security and need for resilient business continuity to drive market	114
TABLE 41	BACKUP & DISASTER RECOVERY SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	115
TABLE 42	BACKUP & DISASTER RECOVERY SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	115
6.3.4	SECURITY SOFTWARE	115
6.3.4.1	Growing cybersecurity threats and need for robust data protection to drive market	115
TABLE 43	SECURITY SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	116
TABLE 44	SECURITY SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	116

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

### 6.3.5 VIRTUALIZATION SOFTWARE 116

6.3.5.1 Rising demand for resource optimization, cost efficiency, and flexible infrastructure to drive market 116

TABLE 45 VIRTUALIZATION SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 117

TABLE 46 VIRTUALIZATION SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 117

### 6.3.6 ANALYTICS SOFTWARE 118

6.3.6.1 Increasing importance of data-driven decision-making and insights to drive demand for analytics software 118

6.3.6.1.1 Predictive analytics 118

6.3.6.1.2 Real-time monitoring & reporting 118

TABLE 47 ANALYTICS SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 119

TABLE 48 ANALYTICS SOFTWARE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 119

### 6.4 SERVICES 119

FIGURE 41 SUPPORT & MAINTENANCE SEGMENT TO COMMAND LARGEST MARKET SHARE DURING FORECAST PERIOD 120

TABLE 49 DATA CENTER SOLUTIONS MARKET, BY SERVICES, 2018-2022 (USD MILLION) 120

TABLE 50 DATA CENTER SOLUTIONS MARKET, BY SERVICES, 2023-2028 (USD MILLION) 120

TABLE 51 SERVICES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 121

TABLE 52 SERVICES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 121

#### 6.4.1 DESIGN & CONSULTING 121

6.4.1.1 Complexity of data center architecture and need for optimized, tailored solutions to drive demand for design & consulting services 121

TABLE 53 DESIGN & CONSULTING: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 122

TABLE 54 DESIGN & CONSULTING: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 122

#### 6.4.2 INTEGRATION & DEPLOYMENT 122

6.4.2.1 Growing demand for seamless integration of diverse technologies and efficient deployment solutions to drive market 122

TABLE 55 INTEGRATION & DEPLOYMENT: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 123

TABLE 56 INTEGRATION & DEPLOYMENT: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 123

#### 6.4.3 SUPPORT & MAINTENANCE 123

6.4.3.1 Need for reliable, continuous operation and growing complexity of data center infrastructure to drive demand for support & maintenance services 123

TABLE 57 SUPPORT & MAINTENANCE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 124

TABLE 58 SUPPORT & MAINTENANCE: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 124

### 7 DATA CENTER SOLUTIONS MARKET, BY DATA CENTER TYPE 125

#### 7.1 INTRODUCTION 126

##### 7.1.1 DATA CENTER TYPE: DATA CENTER SOLUTIONS MARKET DRIVERS 127

FIGURE 42 CLOUD DATA CENTERS SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD 128

TABLE 59 DATA CENTER SOLUTIONS MARKET, BY DATA CENTER TYPE, 2018-2022 (USD MILLION) 128

TABLE 60 DATA CENTER SOLUTIONS MARKET, BY DATA CENTER TYPE, 2023-2028 (USD MILLION) 128

#### 7.2 CLOUD DATA CENTERS 129

##### 7.2.1 CLOUD SERVICE PROVIDERS TO HOST DATA AND APPLICATIONS 129

TABLE 61 CLOUD DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 129

TABLE 62 CLOUD DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 130

#### 7.3 COLOCATION DATA CENTERS 130

##### 7.3.1 COLOCATION FACILITIES TO RENT SPACE TO MULTIPLE ORGANIZATIONS TO HOST DATA CENTERS 130

TABLE 63 COLOCATION DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 130

TABLE 64 COLOCATION DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 131

#### 7.4 ENTERPRISE DATA CENTERS 131

##### 7.4.1 BUILDING AND MAINTAINING ENTERPRISE DATA CENTERS TO INVOLVE SIGNIFICANT CAPITAL EXPENDITURE 131

TABLE 65 ENTERPRISE DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION) 132

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com



TABLE 66	ENTERPRISE DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	132
7.5	MODULAR DATA CENTERS	133
7.5.1	INCREASING DEMAND FOR BETTER SPACE UTILIZATION TO DRIVE MARKET	133
TABLE 67	MODULAR DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	133
TABLE 68	MODULAR DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	133
7.6	EDGE DATA CENTERS	134
7.6.1	RISING INTERNET-CONNECTED DEVICES AND INCREASING ADOPTION OF 5G TO DRIVE MARKET	134
7.6.2	REGIONAL EDGE DATA CENTERS	134
7.6.3	MOBILE EDGE COMPUTING (MEC) CENTERS	134
TABLE 69	EDGE DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	135
TABLE 70	EDGE DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	135
8	DATA CENTER SOLUTIONS MARKET, BY TIER TYPE	136
8.1	INTRODUCTION	137
TABLE 71	DATA CENTER SOLUTIONS MARKET: TYPES OF DATA CENTER TIERS	137
8.1.1	TIER TYPE: DATA CENTER SOLUTIONS MARKET DRIVERS	138
FIGURE 43	TIER 3 SEGMENT TO HAVE HIGHEST GROWTH DURING FORECAST PERIOD	138
TABLE 72	DATA CENTER SOLUTIONS MARKET, BY TIER TYPE, 2018-2022 (USD MILLION)	139
TABLE 73	DATA CENTER SOLUTIONS MARKET, BY TIER TYPE, 2023-2028 (USD MILLION)	139
8.2	TIER 1	139
8.2.1	AFFORDABILITY AND LOW AVAILABILITY REQUIREMENTS TO DRIVE MARKET	139
TABLE 74	TIER 1: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	140
TABLE 75	TIER 1: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	140
8.3	TIER 2	141
8.3.1	SUITABILITY AND DEMAND FROM MID-SIZED ORGANIZATIONS TO DRIVE MARKET	141
TABLE 76	TIER 2: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	141
TABLE 77	TIER 2: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	141
8.4	TIER 3	142
8.4.1	DEMAND FOR HIGHER LEVEL OF RELIABILITY AND CONTINUOUS OPERATION FROM LARGE BUSINESSES TO DRIVE MARKET	142
TABLE 78	TIER 3: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	142
TABLE 79	TIER 3: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	142
8.5	TIER 4	143
8.5.1	FAULT-TOLERANCE AND CAPABILITY TO WITHSTAND VARIOUS POTENTIAL DISRUPTIONS TO DRIVE DEMAND	143
TABLE 80	TIER 4: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	143
TABLE 81	TIER 4: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	143
9	DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE	144
9.1	INTRODUCTION	145
9.1.1	DATA CENTER SIZE: DATA CENTER SOLUTIONS MARKET DRIVERS	145
FIGURE 44	SMALL DATA CENTERS SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD	145
TABLE 82	DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	146
TABLE 83	DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	146
9.2	SMALL DATA CENTERS	146
9.2.1	NEED FOR EDGE COMPUTING, COST-EFFICIENCY, SCALABILITY, RAPID DEPLOYMENT, AND COMPLIANCE CONSIDERATIONS TO DRIVE MARKET	146
TABLE 84	SMALL DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	147
TABLE 85	SMALL DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	147
9.3	MID-SIZED DATA CENTERS	147
9.3.1	REDUNDANCY AND HIGH AVAILABILITY FEATURES TO DRIVE DEMAND	147

TABLE 86	MID-SIZED DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	148
TABLE 87	MID-SIZED DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	148
9.4	LARGE DATA CENTERS	148
9.4.1	NEED FOR MASSIVE DATA PROCESSING, CLOUD COMPUTING, SCALABILITY, HIGH AVAILABILITY, AND COST EFFICIENCY TO DRIVE MARKET	148
TABLE 88	LARGE DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	149
TABLE 89	LARGE DATA CENTERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	149
10	DATA CENTER SOLUTIONS MARKET, BY VERTICAL	150
10.1	INTRODUCTION	151
FIGURE 45	BFSI SEGMENT TO ACCOUNT FOR LARGEST MARKET SIZE DURING FORECAST PERIOD	151
10.1.1	VERTICAL: DATA CENTER SOLUTIONS MARKET DRIVERS	151
TABLE 90	DATA CENTER SOLUTIONS MARKET, BY VERTICAL, 2018-2022 (USD MILLION)	152
TABLE 91	DATA CENTER SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	153
10.2	BANKING, FINANCIAL SERVICES, & INSURANCE (BFSI)	153
10.2.1	NEED FOR SECURE, SCALABLE, AND COMPLIANT INFRASTRUCTURE TO SUPPORT DIGITAL TRANSFORMATION TO DRIVE MARKET	153
10.2.2	BFSI: TYPES	154
10.2.2.1	Banks	154
10.2.2.2	Insurance companies	154
10.2.2.3	Financial service firms	154
TABLE 92	BFSI: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	155
TABLE 93	BFSI: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	155
10.3	IT & TELECOM	155
10.3.1	INCREASING DEMAND FOR DATA PROCESSING, STORAGE, AND CONNECTIVITY, ALONG WITH 5G TECHNOLOGY EVOLUTION, TO DRIVE MARKET	155
10.3.2	IT & TELECOM: TYPES	156
10.3.2.1	IT	156
10.3.2.2	telecom	156
TABLE 94	IT & TELECOM: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	157
TABLE 95	IT & TELECOM: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	157
10.4	GOVERNMENT & PUBLIC SECTOR	157
10.4.1	INCREASING AWARENESS OF INFORMATION DIGITALIZATION TO DRIVE MARKET	157
10.4.2	GOVERNMENT & PUBLIC SECTOR: TYPES	158
10.4.2.1	Central & local government agencies	158
10.4.2.2	Defense & military sectors	158
10.4.2.3	Law enforcement & public safety agencies	158
10.4.2.4	National security & intelligence agencies	159
TABLE 96	GOVERNMENT & PUBLIC SECTOR: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	159
TABLE 97	GOVERNMENT & PUBLIC SECTOR: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	160
10.5	HEALTHCARE & LIFE SCIENCES	160
10.5.1	GROWING DEMAND TO SHIFT MANUAL PATIENT RECORDS TO ELECTRONIC STORAGE TO DRIVE MARKET	160
10.5.2	HEALTHCARE & LIFE SCIENCES: TYPES	160
10.5.2.1	Hospitals & healthcare systems	160
10.5.2.2	Clinical research organizations (CROs)	161
10.5.2.3	Pharmaceutical companies	161
TABLE 98	HEALTHCARE & LIFE SCIENCES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	162
TABLE 99	HEALTHCARE & LIFE SCIENCES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	162

10.6	TRANSPORTATION	162
10.6.1	NEED TO ADOPT SMART TRANSPORTATION SYSTEMS, INTEGRATE IOT DEVICES, ENHANCE PASSENGER EXPERIENCE, AND SUPPORT GROWTH OF ELECTRIC VEHICLES TO DRIVE MARKET	162
10.6.2	TRANSPORTATION: TYPES	163
10.6.2.1	Airports & aviation	163
10.6.2.2	Rail transportation	163
10.6.2.3	Maritime & ports	163
10.6.2.4	Freight & logistics	164
10.6.2.5	Mobility services	164
TABLE 100	TRANSPORTATION: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	165
TABLE 101	TRANSPORTATION: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	165
10.7	RETAIL	165
10.7.1	NEED TO MAINTAIN PERSONAL, FINANCIAL, AND STOCK DATA OF CUSTOMERS TO DRIVE MARKET	165
10.7.2	RETAIL: TYPES	166
10.7.2.1	E-commerce retailers	166
10.7.2.2	Brick & mortar chains	166
TABLE 102	RETAIL: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	167
TABLE 103	RETAIL: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	167
10.8	MANUFACTURING	167
10.8.1	NEED FOR IT SYSTEMS TO STREAMLINE LOGISTICS AND PRODUCTION PROCESSES TO DRIVE MARKET	167
TABLE 104	MANUFACTURING: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	168
TABLE 105	MANUFACTURING: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	168
10.9	ENERGY & UTILITIES	169
10.9.1	INCREASING DEMAND FOR EFFICIENT DATA STORAGE, PROCESSING, AND ANALYTICS TO DRIVE MARKET	169
TABLE 106	ENERGY & UTILITIES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	169
TABLE 107	ENERGY & UTILITIES: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	170
10.10	OTHERS	170
TABLE 108	OTHERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	171
TABLE 109	OTHERS: DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	171
?		
11	DATA CENTER SOLUTIONS MARKET, BY REGION	172
11.1	INTRODUCTION	173
FIGURE 46	NORTH AMERICA TO BE LARGEST MARKET FROM 2023 TO 2028	173
TABLE 110	DATA CENTER SOLUTIONS MARKET, BY REGION, 2018-2022 (USD MILLION)	173
TABLE 111	DATA CENTER SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	174
11.2	NORTH AMERICA	174
11.2.1	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET DRIVERS	174
11.2.2	NORTH AMERICA: RECESSION IMPACT	175
FIGURE 47	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET SNAPSHOT	176
TABLE 112	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	176
TABLE 113	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	177
TABLE 114	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY HARDWARE, 2018-2022 (USD MILLION)	177
TABLE 115	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY HARDWARE, 2023-2028 (USD MILLION)	177
TABLE 116	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY SOFTWARE, 2018-2022 (USD MILLION)	178
TABLE 117	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY SOFTWARE, 2023-2028 (USD MILLION)	178
TABLE 118	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY SERVICES, 2018-2022 (USD MILLION)	178
TABLE 119	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY SERVICES, 2023-2028 (USD MILLION)	179

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

TABLE 120	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER TYPE, 2018-2022 (USD MILLION)	179
TABLE 121	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER TYPE, 2023-2028 (USD MILLION)	179
TABLE 122	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY TIER TYPE, 2018-2022 (USD MILLION)	180
TABLE 123	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY TIER TYPE, 2023-2028 (USD MILLION)	180
TABLE 124	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	180
TABLE 125	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	181
TABLE 126	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY VERTICAL, 2018-2022 (USD MILLION)	181
TABLE 127	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	182
TABLE 128	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY COUNTRY, 2018-2022 (USD MILLION)	182
TABLE 129	NORTH AMERICA: DATA CENTER SOLUTIONS MARKET, BY COUNTRY, 2023-2028 (USD MILLION)	182
11.2.3	US	183
11.2.3.1	Increasing demand for cloud computing and digital services to drive market	183
TABLE 130	US: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	183
TABLE 131	US: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	183
TABLE 132	US: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	183
TABLE 133	US: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	184
11.2.4	CANADA	184
11.2.4.1	Growing reliance on digital transformation and 5G network expansion to drive market	184
TABLE 134	CANADA: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	184
TABLE 135	CANADA: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	184
TABLE 136	CANADA: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	185
TABLE 137	CANADA: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	185
11.3	EUROPE	185
11.3.1	EUROPE: DATA CENTER SOLUTIONS MARKET DRIVERS	186
11.3.2	EUROPE: RECESSION IMPACT	186
TABLE 138	EUROPE: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	186
TABLE 139	EUROPE: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	187
TABLE 140	EUROPE: DATA CENTER SOLUTIONS MARKET, BY HARDWARE, 2018-2022 (USD MILLION)	187
TABLE 141	EUROPE: DATA CENTER SOLUTIONS MARKET, BY HARDWARE, 2023-2028 (USD MILLION)	187
TABLE 142	EUROPE: DATA CENTER SOLUTIONS MARKET, BY SOFTWARE, 2018-2022 (USD MILLION)	187
TABLE 143	EUROPE: DATA CENTER SOLUTIONS MARKET, BY SOFTWARE, 2023-2028 (USD MILLION)	188
TABLE 144	EUROPE: DATA CENTER SOLUTIONS MARKET, BY SERVICES, 2018-2022 (USD MILLION)	188
TABLE 145	EUROPE: DATA CENTER SOLUTIONS MARKET, BY SERVICES, 2023-2028 (USD MILLION)	188
TABLE 146	EUROPE: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER TYPE, 2018-2022 (USD MILLION)	189
TABLE 147	EUROPE: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER TYPE, 2023-2028 (USD MILLION)	189
TABLE 148	EUROPE: DATA CENTER SOLUTIONS MARKET, BY TIER TYPE, 2018-2022 (USD MILLION)	189
TABLE 149	EUROPE: DATA CENTER SOLUTIONS MARKET, BY TIER TYPE, 2023-2028 (USD MILLION)	190
TABLE 150	EUROPE: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	190
TABLE 151	EUROPE: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	190
TABLE 152	EUROPE: DATA CENTER SOLUTIONS MARKET, BY VERTICAL, 2018-2022 (USD MILLION)	191
TABLE 153	EUROPE: DATA CENTER SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	191
TABLE 154	EUROPE: DATA CENTER SOLUTIONS MARKET, BY COUNTRY, 2018-2022 (USD MILLION)	192
TABLE 155	EUROPE: DATA CENTER SOLUTIONS MARKET, BY COUNTRY, 2023-2028 (USD MILLION)	192
11.3.3	UK	192
11.3.3.1	Rising demand for data storage and processing capabilities to support digital innovation to drive market	192
TABLE 156	UK: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	193
TABLE 157	UK: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	193

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

TABLE 158	UK: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	193
TABLE 159	UK: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	193
11.3.4	GERMANY	194
11.3.4.1	Increasing adoption of Industry 4.0 and advancements in technology infrastructure to drive market	194
TABLE 160	GERMANY: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	194
TABLE 161	GERMANY: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	194
TABLE 162	GERMANY: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	195
TABLE 163	GERMANY: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	195
11.3.5	FRANCE	195
11.3.5.1	Growing demand for cloud services and digital transformation initiatives to drive market	195
TABLE 164	FRANCE: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	196
TABLE 165	FRANCE: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	196
TABLE 166	FRANCE: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	196
TABLE 167	FRANCE: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	196
11.3.6	ITALY	197
11.3.6.1	Rising demand for edge computing and enhanced connectivity to support IoT applications to drive market	197
TABLE 168	ITALY: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	197
TABLE 169	ITALY: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	197
TABLE 170	ITALY: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	198
TABLE 171	ITALY: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	198
11.3.7	REST OF EUROPE	198
TABLE 172	REST OF EUROPE: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2018-2022 (USD MILLION)	199
TABLE 173	REST OF EUROPE: DATA CENTER SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	199
TABLE 174	REST OF EUROPE: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2018-2022 (USD MILLION)	199
TABLE 175	REST OF EUROPE: DATA CENTER SOLUTIONS MARKET, BY DATA CENTER SIZE, 2023-2028 (USD MILLION)	199

**Data Center Solutions Market by Offering (Hardware, Software, Services), Data Center Type (Enterprise Data Center, Cloud Data Center, Colocation Data Center), Tier Type, Data Center Size, Vertical and Region - Global Forecast to 2028**

Market Report | 2024-01-24 | 361 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"/>
Zip Code*	<input type="text"/>	Country*	<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

Date

2025-05-20

Signature



**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)