

Security Service Edge Market by Offering, Solutions (ZTNA, CASB, SWG, FWaaS), Services, Vertical (BFSI, Government, Retail & eCommerce, IT & ITeS), & Region (North America, Europe, Asia Pacific, Middle East & Arica, Latin America) - Global Forecast to 2028

Market Report | 2023-11-09 | 235 pages | MarketsandMarkets

AVAILABLE LICENSES:

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

Report description:

The SSE market is estimated at USD 0.8 billion to USD 2.8 billion at a CAGR of 25.4% from 2023 to 2028. The rise in cybersecurity threats is a major driver of the SSE market. As organizations increasingly migrate their data and applications to the cloud, SSE solutions are crucial. They provide secure access, data protection, and threat detection for cloud-hosted resources, supporting a seamless and secure cloud transition. It ensures that data hosted in the cloud remains protected against cyber threats, unauthorized access, and data breaches. With SSE, organizations can confidently embrace the cloud while ensuring that their assets are safeguarded and their compliance requirements are met, delivering both security and agility in a cloud-centric world. "By offering, solutions segment to contribute the largest market share in the security service edge market during the forecast period."

SSE solutions have emerged as a pivotal response to the evolving cybersecurity landscape, characterized by increasing cloud adoption and a dispersed workforce. These solutions combine network security and wide-area networking (WAN) capabilities with cloud-native security services to protect users, devices, and data at the edge of the network. At their core, SSE solutions adhere to the Zero Trust model, continuously verifying and securing access. They encompass a range of services such as Secure Web Gateways (SWG), Cloud Access Security Brokers (CASB), and Firewall as a Service (FWaaS) to ensure secure web browsing, cloud application control, and network protection. These solutions provide not only advanced threat detection and data loss prevention but also streamlined network performance with Software-Defined WAN (SD-WAN). With SSE, organizations can enforce robust security policies, safeguard sensitive data, and maintain compliance, all while optimizing the user experience, making it a cornerstone of modern cybersecurity strategy.

"Manufacturing vertical is expected to register the second highest growth rate during the forecast period."

With the increasing adoption of digital technologies and the interconnectivity of manufacturing processes, safeguarding sensitive data, intellectual property, and industrial control systems is of paramount importance. Manufacturers rely on SSE to protect their supply chain operations, which involve intricate networks of suppliers and partners. SSE ensures that data exchange within these networks is secure, reducing the risk of data breaches and cyberattacks that could disrupt the supply chain, lead to data leaks, or compromise product quality. Moreover, SSE facilitates secure collaboration and data sharing between multiple production facilities and partners. It allows real-time access to critical information, enabling manufacturers to make informed decisions, optimize production processes, and respond swiftly to changing market demands. This level of connectivity and data accessibility is instrumental in improving operational efficiency and reducing downtime.

"Asia Pacific to register the highest growth rate during the forecast period."

The Asia Pacific countries are grappling with the increasing need for security spending as they face a growing threat landscape. The region encompasses dynamic economies like China, Japan, and India, where effective government regulations and technological advancements are paving the way for substantial growth in SSE. With their large populations, these countries are undergoing a dramatic change with an increase in domestic demand for technological intervention and huge scope for advancements, as they are still growing economies. They have a huge advantage in terms of human resources that form a large subscriber base for any vertical that advances technologically. This is attributed to the fact that technology adoption has been rapid in this region and is growing exponentially. The governments in Asia Pacific countries are taking steps toward data security. Countries such as India, Japan, and Singapore have updated and introduced new national cybersecurity policies. With the increase in complex cyberattacks and cyberwars between enterprises and hackers, there is a rise in the need for robust cybersecurity solutions, which the SSE framework would fulfill

Breakdown of primaries

The study contains insights from various industry experts, from solution vendors to Tier 1 companies. The break-up of the primaries is as follows:

-[]By Company Type: Tier 1 - 35%, Tier 2 - 45%, and Tier 3 - 20%

- By Designation: C-level -35%, D-level - 25%, and Others - 40%

- By Region: North America - 45%, Europe - 20%, Asia Pacific - 30%, ROW- 5%.

The major players in the SSE market are Netskope (US), ZScaler (US), Palo Alto Networks (US), Cisco (US), Broadcom (US), Forcepoint (US), Lookout (US), iBoss (US), Skyhigh Security (US), Cloudflare (US), Trend Micro (Japan), Akamai (US), Fortinet (US), Aruba Networks (US), Citrix (US), Cato Networks (Israel), Perimeter81 (Israel), Open Systems (Switzerland), Menlo Security (US)These players have adopted various growth strategies, such as partnerships, agreements and collaborations, new product launches, product enhancements, and acquisitions to expand their footprint in the SSE market.

Research Coverage

The market study covers the SSE market size across different segments. It aims at estimating the market size and the growth potential across different segments, including offerings, solutions, services, vertical, and region. The study includes an in-depth competitive analysis of the leading market players, their company profiles, key observations related to product and business offerings, recent developments, and market strategies.

Key Benefits of Buying the Report

The report will help the market leaders/new entrants with information on the closest approximations of the global SSE market's revenue numbers and 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. Moreover, the report will provide insights for stakeholders to understand the market's pulse and provide them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Increasing adoption of remote work, Regulatory and data protection laws,Integration of a Cloud Access Security Broker (CASB), Zero Trust Access Driving Security Service Edge (SSE) Adoption), restraints (Integration Complexity, Achieving and sustaining compliance with stringent security standards), opportunities (Cloud-Native Advancements, Cost savings by combining multiple security and network access) and challenges (Traffic Aggregation and User Experience, Reforming Security Policies, Shortage of professionals with specialized skills) influencing the growth of the SSE market. Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the SSE market. Market Development: Comprehensive information about lucrative markets - the report analyses the SSE market across various regions. Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the SSE market. Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Netskope (US), ZScaler (US), Palo Alto Networks (US), Cisco (US), Broadcom (US), Forcepoint (US), Lookout (US), iBoss (US), Skyhigh Security (US), Cloudflare (US), Trend Micro (Japan), Akamai (US), Fortinet (US), Aruba Networks (US), Citrix (US), Cato Networks (Israel), Perimeter81 (Israel), Open Systems (Switzerland), Menlo Security (US).

Table of Contents:

1 INTRODUCTION 33 1.1 STUDY OBJECTIVES 33 1.2 MARKET DEFINITION 33 1.2.1 INCLUSIONS & EXCLUSIONS 34 1.3 STUDY SCOPE 35 1.3.1 MARKETS COVERED 35 FIGURE 1⊓SECURITY SERVICE EDGE MARKET SEGMENTATION⊓35 1.3.2 REGIONS COVERED 36 FIGURE 2□SECURITY SERVICE EDGE MARKET: REGIONAL SCOPE□36 1.3.3 YEARS CONSIDERED 36 1.4 CURRENCY CONSIDERED 37 TABLE 1 USD EXCHANGE RATES, 2020-2022 37 1.5 STAKEHOLDERS 37 2 RESEARCH METHODOLOGY 38 2.1 RESEARCH DATA 38 FIGURE 3 SECURITY SERVICE EDGE MARKET: RESEARCH DESIGN 38 2.1.1 SECONDARY DATA 39 2.1.1.1 Secondary sources 39 2.1.2 PRIMARY DATA 40 2.1.2.1 Primary interviews with experts 40 2.1.2.2 Breakdown of primaries 40 2.1.2.3 Primary sources 41 2.1.2.4 Key industry insights 41 2.2 MARKET SIZE ESTIMATION 42 FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY-APPROACH 1 (SUPPLY SIDE): REVENUE OF OFFERINGS IN SECURITY SERVICE EDGE MARKET 42 FIGURE 5[MARKET SIZE ESTIMATION METHODOLOGY-APPROACH 2 (DEMAND SIDE): SECURITY SERVICE EDGE MARKET[]43 2.2.1 TOP-DOWN APPROACH 43 FIGURE 6 TOP-DOWN APPROACH 44 2.2.2 BOTTOM-UP APPROACH 44 FIGURE 7 BOTTOM-UP APPROACH 44

2.3 MARKET BREAKDOWN AND DATA TRIANGULATION 45 FIGURE 8 DATA TRIANGULATION 45 TABLE 2 FACTOR ANALYSIS 46 2.4 RESEARCH ASSUMPTIONS 46 2.5 LIMITATIONS 48 2.6 SECURITY SERVICE EDGE MARKET: RECESSION IMPACT 48 3 EXECUTIVE SUMMARY 49 FIGURE 9□SECURITY SERVICE EDGE MARKET, 2021-2028□49 FIGURE 10 SECURITY SERVICE EDGE MARKET: REGIONAL SHARE, 2023 50 FIGURE 11 ASIA PACIFIC EXPECTED TO BE BEST MARKET FOR INVESTMENTS DURING FORECAST PERIOD 51 4 PREMIUM INSIGHTS 52 4.1 ATTRACTIVE OPPORTUNITIES IN SECURITY SERVICE EDGE MARKET 52 FIGURE 12 INCREASING ADOPTION OF REMOTE WORK AND RISING CYBERCRIME RATES TO DRIVE MARKET 52 4.2 NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY OFFERING AND COUNTRY, 2023 FIGURE 13 SOLUTIONS AND US ACCOUNT FOR LARGEST SHARES 52 4.3∏ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY OFFERING AND COUNTRY, 2023∏53 FIGURE 14 SOLUTIONS AND CHINA ACCOUNT FOR LARGEST SHARES 53 5 MARKET OVERVIEW AND INDUSTRY TRENDS 54 5.1 INTRODUCTION 54 5.2 MARKET DYNAMICS 54 FIGURE 15⊓SSE MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES∏54 5.2.1 || DRIVERS || 55 5.2.1.1 □Increasing adoption of remote work □55 5.2.1.2 Rising need for unified network security architecture 55 5.2.1.3 Integration of Cloud Access Security Broker into organization's security framework 55 5.2.1.4 Zero trust access driving security service edge adoption 56 5.2.2 RESTRAINTS 56 5.2.2.1 Integration complexity 56 5.2.2.2 Achieving and sustaining compliance with stringent security standards 56 5.2.3 OPPORTUNITIES 57 5.2.3.1 Cloud-native advancements 57 5.2.3.2 Cost savings by combining multiple security and network access 57 5.2.4 CHALLENGES 57 5.2.4.1 Traffic aggregation and user experience 57 5.2.4.2 Reforming security policies 57 5.2.4.3 Shortage of professionals with specialized skills 58 5.3 VALUE CHAIN ANALYSIS 58 FIGURE 16 VALUE CHAIN ANALYSIS: SSE MARKET 58 5.4 COSYSTEM: SSE MARKET 59 FIGURE 17 COSYSTEM: SSE MARKET 59 TABLE 3 ECOSYSTEM ANALYSIS: SSE MARKET 60 5.5 PORTER'S FIVE FORCES ANALYSIS 61 FIGURE 18 PORTER'S FIVE FORCES ANALYSIS: SSE MARKET 61 TABLE 4⊓IMPACT OF PORTER'S FIVE FORCES ON SSE MARKET∏61 5.5.1 INTENSITY OF COMPETITIVE RIVALRY 62 5.5.2 BARGAINING POWER OF SUPPLIERS 62 5.5.3 BARGAINING POWER OF BUYERS 62

5.5.4 THREAT OF SUBSTITUTES 62 5.5.5 THREAT OF NEW ENTRANTS 62 5.6 BUSINESS MODEL 62 5.7 TECHNOLOGY ANALYSIS 63 5.7.1 ZERO TRUST NETWORK ACCESS (ZTNA) 63 5.7.2 EDGE COMPUTING AND IOT SECURITY 63 5.7.3 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING 64 5.7.4 SECURITY ORCHESTRATION, AUTOMATION, AND RESPONSE (SOAR) 64 5.7.5 SECURE WEB GATEWAY (SWG) 64 5.7.6 SOFTWARE-DEFINED PERIMETER (SDP) 64 5.8 BRIEF HISTORY OF SSE SOLUTIONS 65 FIGURE 19 EVOLUTION OF SSE SOLUTIONS 65 5.8.1 000 5 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.1 5.8.2[20105[65 5.8.3 MID-2010S 65 5.8.4 LATE-2010S 65 5.8.5[2020S-PRESENT[]66 5.9□SSE TOOLS, FRAMEWORKS, AND TECHNIQUES□66 5.10 IMPACT OF SSE ON ADJACENT NICHE TECHNOLOGIES 66 5.10.1 ZERO TRUST NETWORK ACCESS 66 5.10.2 CLOUD ACCESS SECURITY BROKERS (CASBS) 66 5.10.3 ENDPOINT SECURITY SOLUTIONS 66 5.10.4 IDENTITY AND ACCESS MANAGEMENT 66 5.10.5 SOFTWARE-DEFINED WIDE AREA NETWORKING (SD-WAN) 67 5.11 FUTURE OF SSE MARKET LANDSCAPE 67 5.12 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 68 FIGURE 20 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 68 5.13 BEST PRACTICES OF SSE MARKET 68 5.14 USE CASES 69 5.14.1 CASE STUDY 1: PALO ALTO NETWORKS' BEST-OF-BREED SOLUTIONS ENSURED DATA PROTECTION FOR ANIMATION STUDIO₀₆₉ 5.14.2 CASE STUDY 2: ENCORA UNLOCKED FULL POTENTIAL OF SECURE REMOTE WORK WITH ZSCALER ZERO TRUST EXCHANGE 70 5.14.3 CASE STUDY 3: SANDY ALEXANDER IMPROVED CONNECTIVITY FOR ITS EMPLOYEES USING FORTINET'S SASE SYSTEM 71 5.14.4 CASE STUDY 4: HITACHI LIMITED ADOPTED CISCO SASE SOLUTIONS TO IMPLEMENT ZERO-TRUST MODEL 72 5.14.5 CASE STUDY 5: CATO SASE CLOUD SECURED NETWORKING OF BANK AVERA LOCATIONS AND ITS MOBILE EMPLOYEES 73 5.15 PRICING ANALYSIS 73 FIGURE 21□AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY SOLUTION□74 TABLE 5 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY SOLUTION 74 TABLE 6 INDICATIVE PRICING ANALYSIS, BY OFFERING 74 5.15.1 PATENT ANALYSIS 75 5.15.1.1 Methodology 75 FIGURE 22 LIST OF MAJOR PATENTS FOR SECURITY SERVICE EDGE 75 TABLE 7⊓LIST OF MAJOR PATENTS⊓76 5.16 REGULATORY LANDSCAPE 77 5.16.1 GENERAL DATA PROTECTION REGULATION (GDPR) 77 5.16.2 PAYMENT CARD INDUSTRY-DATA SECURITY STANDARD (PCI-DSS) 77 5.16.3 HEALTH INSURANCE PORTABILITY AND ACCOUNTABILITY ACT (HIPAA) 78

5.16.4 PERSONAL INFORMATION PROTECTION AND ELECTRONIC DOCUMENTS ACT 78 5.16.5 CLOUD SECURITY ALLIANCE SECURITY TRUST ASSURANCE AND RISK 78 5.16.6 CALIFORNIA CONSUMER PRIVACY ACT 78 5.16.7 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 79 TABLE 8 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 79 5.17⊓KEY STAKEHOLDERS AND BUYING CRITERIA⊓80 5.17.1 KEY STAKEHOLDERS IN BUYING PROCESS 80 FIGURE 23 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE VERTICALS 80 5.17.2 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE VERTICALS (%) 80 5.17.3 BUYING CRITERIA FIGURE 24 KEY BUYING CRITERIA FOR TOP THREE VERTICALS 81 TABLE 9⊓KEY BUYING CRITERIA FOR TOP THREE VERTICALS⊓81 5.18⊓KEY CONFERENCES & EVENTS, 2022-2023⊓82 TABLE 10□DETAILED LIST OF CONFERENCES & EVENTS, 2023□82 6 SECURITY SERVICE EDGE MARKET, BY OFFERING 83 6.1⊓INTRODUCTION⊓84 6.1.1 OFFERINGS: SECURITY SERVICE EDGE MARKET DRIVERS 84 FIGURE 25 SERVICES SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD 84 TABLE 11 SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION) 84 TABLE 12□SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)□85 6.2 SOLUTIONS 85 6.2.1 INCREASING ADOPTION OF CLOUD SERVICES AND REMOTE WORKFORCE TO DRIVE MARKET 85 TABLE 13 SOLUTIONS: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 85 TABLE 14 SOLUTIONS: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 86 6.3□SERVICES□86 6.3.1 GROWING RELIANCE ON CLOUD-BASED OPERATIONS AND NEED FOR ENHANCING CYBERSECURITY TO DRIVE MARKET 86 TABLE 15[]SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)[]86 TABLE 16 SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 87 7 SECURITY SERVICE EDGE MARKET, BY SOLUTION 88 7.1 INTRODUCTION 89 7.1.1 SOLUTIONS: SECURITY SERVICE EDGE MARKET DRIVERS 89 FIGURE 26 ZERO TRUST NETWORK ACCESS SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD 89 TABLE 17⊓SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)∏90 TABLE 18 SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION) 90 7.2 ZERO TRUST NETWORK ACCESS 90 7.2.1 ZTNA TO ENSURE CONTINUOUS MONITORING OF USERS AND LINKED DEVICES 90 TABLE 19[]ZERO TRUST NETWORK ACCESS: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)[]91 TABLE 20[]ZERO TRUST NETWORK ACCESS: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)[]91 7.3 CLOUD ACCESS SECURITY BROKER 91 7.3.1 REAL-TIME THREAT PREVENTION AND COMPLIANCE ASSURANCE WITHOUT NEED FOR EXTERNAL TOOLS TO DRIVE DEMAND FOR CASB 91 TABLE 21 CLOUD ACCESS SECURITY BROKER: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 92 TABLE 22 CLOUD ACCESS SECURITY BROKER: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 22 7.4 SECURE WEB GATEWAYS 92 7.4.1 SWGS TO PROVIDE ROBUST LAYER OF DEFENSE AT NETWORK EDGE 92 TABLE 23 SECURE WEB GATEWAYS: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 33 TABLE 24 SECURE WEB GATEWAYS: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 393

Scotts International. EU Vat number: PL 6772247784

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

7.5 FIREWALL-AS-A-SERVICE 93

7.5.1 FWAAS TO ENSURE CONSISTENT AND ROBUST SECURITY FOR CLOUD-BASED APPLICATIONS 93 TABLE 25 FIREWALL-AS-A-SERVICE: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 94 TABLE 26 FIREWALL-AS-A-SERVICE: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 94 7.6 OTHER SOLUTIONS 95

TABLE 27 OTHER SOLUTIONS: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 95 TABLE 28 OTHER SOLUTIONS: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 95 8 SECURITY SERVICE EDGE MARKET, BY SERVICE 96

8.1 INTRODUCTION 97

8.1.1 SERVICES: SECURITY SERVICE EDGE MARKET DRIVERS 97

FIGURE 27[]MANAGED SECURITY SERVICES SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD[]97 TABLE 29[]SECURITY SERVICE EDGE MARKET, BY SERVICE, 2018-2022 (USD MILLION)[]98

TABLE 30[]SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]98

8.2 MANAGED SECURITY SERVICES 98

8.2.1 MANAGED SECURITY SERVICES TO ENSURE CONTINUAL OPTIMIZATION AND CONFIGURATION OF SSE SOLUTIONS 98 TABLE 31 MANAGED SECURITY SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 99 TABLE 32 MANAGED SECURITY SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 99 8.3 MARKET, BY REGION, 2023-2028 (USD MILLION) 99

8.3.1 INTEGRATION SERVICES TO FOCUS ON ALIGNING SSE WITH ORGANIZATION'S NETWORK ARCHITECTURE 99 TABLE 33 IMPLEMENTATION & INTEGRATION SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 100

TABLE 34[]IMPLEMENTATION & INTEGRATION SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)[]100

8.4 SUPPORT & MAINTENANCE SERVICES 100

8.4.1 SUPPORT SERVICES TO ENSURE QUICK AND RESPONSIVE ASSISTANCE IN ADDRESSING ISSUES 100 TABLE 35 SUPPORT & MAINTENANCE SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 101 TABLE 36 SUPPORT & MAINTENANCE SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 101 8.5 OTHER SERVICES 101

TABLE 37[]OTHER SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)[]102 TABLE 38[]OTHER SERVICES: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)[]102 9[]SECURITY SERVICE EDGE MARKET, BY VERTICAL]]103

9.1 INTRODUCTION 104

9.1.1 VERTICALS: SECURITY SERVICE EDGE MARKET DRIVERS 104

FIGURE 28[]BFSI SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD[]104

TABLE 39 SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION) 105

TABLE 40]SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2023-2028 (USD MILLION)]105 9.2]BFSI]106

9.2.1 SSE SOLUTIONS TO ENSURE PROTECTION OF SENSITIVE DATA AND MAINTAIN COMPLIANCE WITH STRINGENT REGULATIONS 106

TABLE 41[]BFSI: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)[]106

TABLE 42[]BFSI: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)[]106 9.3[]GOVERNMENT[]107

9.3.1□USE OF VAST AMOUNTS OF CONFIDENTIAL AND SENSITIVE INFORMATION IN GOVERNMENT ENTITIES TO ENCOURAGE MARKET EXPANSION□107

TABLE 43[GOVERNMENT: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)[]107 TABLE 44[]GOVERNMENT: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)[]107 9.4[]RETAIL & ECOMMERCE[]108

9.4.1 SSE SOLUTIONS TO ENSURE SAFETY OF DIGITAL TRANSACTIONS 108 TABLE 45[]RETAIL & ECOMMERCE: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)[]108 TABLE 46∏RETAIL & ECOMMERCE: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)∏108 9.5 IT & ITES 109 9.5.1 GROWING CYBER THREATS IN IT & ITES SECTOR TO COMPEL ADOPTION OF SSE SOLUTIONS 109 TABLE 47[IIT & ITES: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)[109 TABLE 48[]IT & ITES: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)[]109 9.6 HEALTHCARE 110 9.6.1 SSE SOLUTIONS TO ENSURE PROTECTION OF CONFIDENTIAL MEDICAL INFORMATION AGAINST DATA BREACHES AND UNAUTHORIZED ACCESS 110 TABLE 49 HEALTHCARE: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 110 TABLE 50[]HEALTHCARE: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)[]110 9.7 EDUCATION 111 9.7.1 INEED FOR SEAMLESS AND SECURE ONLINE LEARNING EXPERIENCES TO BOOST MARKET EXPANSION 111 TABLE 51∏EDUCATION: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)∏111 TABLE 52∏EDUCATION: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)∏111 9.8 MANUFACTURING 112 9.8.1 SECURING SUPPLY CHAIN OPERATIONS, PROMOTING EFFICIENT DATA EXCHANGE, AND SAFEGUARDING AGAINST CYBER THREATS WITH SSE[]112 TABLE 53∏MANUFACTURING: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)∏112 TABLE 54[]MANUFACTURING: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)[]113 9.9 OTHER VERTICALS 113 TABLE 55 OTHER VERTICALS: SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 113 TABLE 56[]OTHER VERTICALS: SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)]]114 10 SECURITY SERVICE EDGE MARKET, BY REGION 115 10.1 INTRODUCTION 116 FIGURE 29 ASIA PACIFIC TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD 116 TABLE 57 SECURITY SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 117 TABLE 58 SECURITY SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 117 10.2 NORTH AMERICA 117 10.2.1 NORTH AMERICA: SECURITY SERVICE EDGE MARKET DRIVERS 118 10.2.2 NORTH AMERICA: RECESSION IMPACT 118 FIGURE 30 NORTH AMERICA: MARKET SNAPSHOT 119 TABLE 59∏NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)∏119 TABLE 60[NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)[120 TABLE 61∏NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)∏120 TABLE 62[NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[120 TABLE 63[NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2018-2022 (USD MILLION)[121 TABLE 64[]NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]121 TABLE 65∏NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)∏121 TABLE 66∏NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2023-2028 (USD MILLION)∏122 TABLE 67[]NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[]122 TABLE 68[NORTH AMERICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2023-2028 (USD MILLION)[122] 10.2.3 UNITED STATES 123 10.2.3.1 Adoption of cloud computing solutions to propel growth of SSE solutions 123 TABLE 69[]UNITED STATES: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)[]123

Scotts International. EU Vat number: PL 6772247784 tel. 0048 603 394 346 e-mail: support@scotts-international.com www.scotts-international.com

TABLE 70[UNITED STATES: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)[123

TABLE 71[UNITED STATES: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)[]124 TABLE 72[]UNITED STATES: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]124 TABLE 73[]UNITED STATES: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2018-2022 (USD MILLION)[]124 TABLE 74[]UNITED STATES: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]125 TABLE 75[]UNITED STATES: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]125 TABLE 76[]UNITED STATES: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]126 10.2.4[]CANADA[]126

10.2.4.1 Growing focus on technological innovation to drive demand for SSE solutions 126 10.3 EUROPE 126

10.3.1 EUROPE: SECURITY SERVICE EDGE MARKET DRIVERS 127

10.3.2 EUROPE: RECESSION IMPACT 127

TABLE 77 EUROPE: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)[127 TABLE 78 EUROPE: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)[128 TABLE 79 EUROPE: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)[128 TABLE 80 EUROPE: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[128 TABLE 81 EUROPE: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[129 TABLE 82 EUROPE: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2018-2022 (USD MILLION)[129 TABLE 83 EUROPE: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[129 TABLE 83 EUROPE: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[129 TABLE 84 EUROPE: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[130 TABLE 85 EUROPE: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[130 TABLE 86 EUROPE: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[130 TABLE 86 EUROPE: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[130

10.3.3.1[Surging trend of flexible work arrangements to accelerate market growth[]131 TABLE 87[UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)[]131 TABLE 88[UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)[]131 TABLE 89[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)[]132 TABLE 90[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]132 TABLE 91[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]132 TABLE 91[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2018-2022 (USD MILLION)[]132 TABLE 92[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]133 TABLE 93[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]133 TABLE 94[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]133 TABLE 94[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]133 TABLE 94[]UNITED KINGDOM: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]134 10.3.4[]GERMANY[]134

10.3.4.1 Advancements in digital technology and changing work norms to drive market 134

10.3.5[[FRANCE[]134

10.3.5.1 Rise in adoption of cloud technologies to boost market 134

10.3.6[]ITALY[]135

10.3.6.1 Growing emphasis on cybersecurity and data protection to drive market 135

10.3.7 REST OF EUROPE 135

10.4 ASIA PACIFIC 135

10.4.1 ASIA PACIFIC: SECURITY SERVICE EDGE MARKET DRIVERS 136

10.4.2 ASIA PACIFIC: RECESSION IMPACT 136

FIGURE 31 ASIA PACIFIC: MARKET SNAPSHOT 137

TABLE 95[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)[]137 TABLE 96[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)[]138 TABLE 97[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)[]138 TABLE 98[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]138 TABLE 99[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]139

TABLE 100[ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]139 TABLE 101[ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]139 TABLE 102[ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2023-2028 (USD MILLION)[]140 TABLE 103[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[]140 TABLE 104[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[]140 TABLE 104[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2023-2028 (USD MILLION)[]140 TABLE 104[]ASIA PACIFIC: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2023-2028 (USD MILLION)[]140

10.4.3.1[Increasing adoption of advanced technologies and ascending rates of cybercrimes to boost market[]141 TABLE 105[]CHINA: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)[]141 TABLE 106[]CHINA: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)[]141 TABLE 107[]CHINA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)[]141 TABLE 108[]CHINA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]142 TABLE 109[]CHINA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]142 TABLE 109[]CHINA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2018-2022 (USD MILLION)[]142 TABLE 110][CHINA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]142 TABLE 111][CHINA: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)]]143 TABLE 112[]CHINA: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)]]143 10.4.4[]APAN]]143

10.4.4.1 Strong base of technologically advanced industries to drive demand for SSE solutions 143 10.4.5 INDIA 144

10.4.5.1[Increase in remote work opportunities and broader acceptance of flexible work arrangements to propel market]]144 10.4.6[REST OF ASIA PACIFIC]]144

10.5 MIDDLE EAST & AFRICA 144

10.5.1 MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET DRIVERS 145

10.5.2 MIDDLE EAST & AFRICA: RECESSION IMPACT 145

TABLE 113[MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)[]145 TABLE 114[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)[]145 TABLE 115[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)[]146 TABLE 116[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]146 TABLE 117[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]146 TABLE 117[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2018-2022 (USD MILLION)[]147 TABLE 118[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]147 TABLE 119[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]147 TABLE 120[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2018-2022 (USD MILLION)[]148 TABLE 120[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[]148 TABLE 121[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[]148 TABLE 122[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[]148 TABLE 122[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[]148 TABLE 122[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION)[]148 TABLE 122[]MIDDLE EAST & AFRICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2023-2028 (USD MILLION)[]148

10.5.3.1 Increased security threats, digital government initiatives, and desire for IT cost reduction to boost market 149 10.5.4 SOUTH AFRICA 149

10.5.4.1 Major investments in enterprise mobility and cloud computing to propel market growth 149

10.6 LATIN AMERICA 149

10.6.1 LATIN AMERICA: SECURITY SERVICE EDGE MARKET DRIVERS 150

10.6.2 LATIN AMERICA: RECESSION IMPACT 150

TABLE 123[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)[]150 TABLE 124[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION)[]151 TABLE 125[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2018-2022 (USD MILLION)[]151 TABLE 126[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]151 TABLE 127[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY SOLUTION, 2023-2028 (USD MILLION)[]152 TABLE 127[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2018-2022 (USD MILLION)[]152 TABLE 128[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]152 TABLE 129[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY SERVICE, 2023-2028 (USD MILLION)[]152

Scotts International. EU Vat number: PL 6772247784 tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 130[LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY VERTICAL, 2023-2028 (USD MILLION)[153 TABLE 131 LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2018-2022 (USD MILLION) 153 TABLE 132 ||LATIN AMERICA: SECURITY SERVICE EDGE MARKET, BY COUNTRY, 2023-2028 (USD MILLION)||153 10.6.3[BRAZIL]154 10.6.3.1 Regulatory changes to drive SSE market 154 10.6.4 MEXICO 154 10.6.4.1 Proximity to US and rise in cloud computing applications to boost market 154 10.6.5 REST OF LATIN AMERICA 154 11 COMPETITIVE LANDSCAPE 155 11.1 INTRODUCTION 155 11.2 KEY PLAYER STRATEGIES/RIGHT TO WIN 155 11.2.1 □ OVERVIEW OF STRATEGIES ADOPTED BY KEY SECURITY SERVICE EDGE TECHNOLOGY VENDORS □ 155 11.3 MARKET SHARE ANALYSIS OF TOP MARKET PLAYERS 156 FIGURE 32 SECURITY SERVICE EDGE MARKET: MARKET SHARE ANALYSIS 156 TABLE 133 SECURITY SERVICE EDGE MARKET: DEGREE OF COMPETITION 157 11.4 REVENUE ANALYSIS 157 FIGURE 33∏REVENUE ANALYSIS FOR KEY COMPANIES IN PAST 3 YEARS, 2020-2022 (USD MILLION)∏158 11.5 COMPANY EVALUATION MATRIX 158 11.5.1[]STARS[]158 11.5.2 EMERGING LEADERS 158 11.5.3 PERVASIVE PLAYERS 159 11.5.4 PARTICIPANTS 159 FIGURE 34 SECURITY SERVICE EDGE MARKET (GLOBAL): COMPANY EVALUATION MATRIX, 2022 159 11.5.5 SECURITY SERVICE EDGE MARKET: COMPANY FOOTPRINT 160 TABLE 134 OFFERING FOOTPRINT 160 TABLE 135 VERTICAL FOOTPRINT 161 TABLE 136 REGIONAL FOOTPRINT 162 11.6 STARTUP/SME EVALUATION MATRIX, 2022 163 11.6.1 PROGRESSIVE COMPANIES 163 11.6.2 RESPONSIVE COMPANIES 163 11.6.3 DYNAMIC COMPANIES 163 11.6.4 STARTING BLOCKS 163 FIGURE 35∏SECURITY SERVICE EDGE MARKET (GLOBAL): STARTUP/SME EVALUATION MATRIX, 2022∏164 11.6.5 COMPETITIVE BENCHMARKING 165 TABLE 137 SECURITY SERVICE EDGE MARKET: DETAILED LIST OF KEY STARTUPS/SMES 165 TABLE 138 SECURITY SERVICE EDGE MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES 11.7 RANKING OF KEY PLAYERS IN SECURITY SERVICE EDGE MARKET, 2022 166 FIGURE 36 RANKING OF KEY TECHNOLOGY PLAYERS, 2022 166 11.8 COMPETITIVE SCENARIO 167 11.8.1 PRODUCT LAUNCHES 167 TABLE 139 SECURITY SERVICE EDGE MARKET: PRODUCT LAUNCHES, 2019-2022 167 11.8.2 DEALS 168 TABLE 140 SECURITY SERVICE EDGE MARKET: DEALS, 2020-2022 168 11.9 SECURITY SERVICE EDGE PRODUCT BENCHMARKING 171 11.9.1 PROMINENT SECURITY SERVICE EDGE SOLUTIONS 171 TABLE 141 COMPARATIVE ANALYSIS OF PROMINENT SECURITY SERVICE EDGE SOLUTIONS 171 11.9.1.1 Netskope Intelligent Security Service Edge (SSE) 172

11.9.1.2 Zscaler Zero Trust Exchange 172 11.9.1.3 Lookout Cloud-native SSE 172 11.9.1.4 iboss Zero Trust SSE 172 11.9.1.5 Cisco security service edge 172 11.9.1.6 Forcepoint ONE 172 11.10 VALUATION AND FINANCIAL METRICS OF KEY SECURITY SERVICE EDGE VENDORS FIGURE 37 VALUATION AND FINANCIAL METRICS OF KEY SECURITY SERVICE EDGE VENDORS 173 12 COMPANY PROFILES 174 12.1 KEY PLAYERS 174 (Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))* 12.1.1 || NETSKOPE || 174 TABLE 142 NETSKOPE: BUSINESS OVERVIEW 174 TABLE 143 NETSKOPE: PRODUCTS/SOLUTIONS/SERVICES OFFERED 175 TABLE 144 NETSKOPE: PRODUCT LAUNCHES 176 TABLE 145 NETSKOPE: DEALS 176 12.1.2 PALO ALTO NETWORKS 179 TABLE 146 PALO ALTO NETWORKS: BUSINESS OVERVIEW 179 FIGURE 38 PALO ALTO NETWORKS: COMPANY SNAPSHOT 180 TABLE 147 PALO ALTO NETWORKS: PRODUCTS/SOLUTIONS/SERVICES OFFERED 181 TABLE 148 PALO ALTO NETWORKS: PRODUCT LAUNCHES 182 TABLE 149 PALO ALTO NETWORKS: DEALS 182 12.1.3 ZSCALER 185 TABLE 150 ZSCALER: BUSINESS OVERVIEW 185 FIGURE 39 ZSCALER: COMPANY SNAPSHOT 186 TABLE 151 ZSCALER: PRODUCTS/SOLUTIONS/SERVICES OFFERED 186 TABLE 152 ZSCALER: PRODUCT LAUNCHES 187 TABLE 153 ZSCALER: DEALS 187 12.1.4 CISCO 190 TABLE 154 CISCO: BUSINESS OVERVIEW 190 FIGURE 40 CISCO: COMPANY SNAPSHOT 191 TABLE 155 CISCO: PRODUCTS/SOLUTIONS/SERVICES OFFERED 191 TABLE 156⊓CISCO: PRODUCT LAUNCHES AND ENHANCEMENTS⊓192 TABLE 157 CISCO: DEALS 192 12.1.5 BROADCOM 195 TABLE 158 BROADCOM: BUSINESS OVERVIEW 195 FIGURE 41 BROADCOM: COMPANY SNAPSHOT 196 TABLE 159[BROADCOM: PRODUCTS/SOLUTIONS/SERVICES OFFERED[]197 TABLE 160 BROADCOM: DEALS 198 12.1.6 FORCEPOINT 200 TABLE 161 FORCEPOINT: BUSINESS OVERVIEW 200 TABLE 162 FORCEPOINT: PRODUCTS/SOLUTIONS/SERVICES OFFERED 200 TABLE 163 FORCEPOINT: PRODUCT LAUNCHES 201 TABLE 164 FORCEPOINT: DEALS 202 12.1.7 LOOKOUT 203 TABLE 165 LOOKOUT: BUSINESS OVERVIEW 203 TABLE 166 LOOKOUT: PRODUCTS/SOLUTIONS/SERVICES OFFERED 203

TABLE 167 LOOKOUT: DEALS 204 12.1.8 || IBOSS || 206 TABLE 168 IBOSS: BUSINESS OVERVIEW 206 TABLE 169 IBOSS: PRODUCTS/SOLUTIONS/SERVICES OFFERED 206 TABLE 170 IBOSS: PRODUCT LAUNCHES 206 TABLE 171 IBOSS: DEALS 207 12.1.9 SKYHIGH SECURITY 208 TABLE 172 SKYHIGH SECURITY: BUSINESS OVERVIEW 208 TABLE 173 SKYHIGH SECURITY: PRODUCTS/SOLUTIONS/SERVICES OFFERED 208 12.1.10 CLOUDFLARE 209 TABLE 174 CLOUDFLARE: BUSINESS OVERVIEW 209 FIGURE 42 CLOUDFLARE: COMPANY SNAPSHOT 209 TABLE 175 CLOUDFLARE: PRODUCTS/SOLUTIONS/SERVICES OFFERED 210 TABLE 176 CLOUDFLARE: PRODUCT LAUNCHES 211 TABLE 177 CLOUDFLARE: DEALS 211 12.2 OTHER PLAYERS 213 12.2.1 TREND MICRO 213 12.2.2 AKAMAI 214 12.2.3 FORTINET 215 12.2.4 ARUBA NETWORKS 216 12.2.5 CITRIX 217 *Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies. 12.3 SMES/STARTUPS 218 12.3.1 CROWDSTRIKE 218 12.3.2 CATO NETWORKS 219 12.3.3 PERIMETER 81 220 12.3.4 OPEN SYSTEMS 221 12.3.5 MENLO SECURITY 222 12.3.6 TWINGATE 223 12.3.7 NORDLAYER 224 12.3.8 EXIUM 224 12.3.9 VERSA NETWORKS 225 12.3.10 BANYAN SECURITY 226 13 ADJACENT MARKETS 227 13.1 INTRODUCTION 227 TABLE 178 ADJACENT MARKETS AND FORECASTS 227 13.2 LIMITATIONS 227 13.3 SSE ECOSYSTEM AND ADJACENT MARKETS 227 13.4 SASE MARKET 228 13.4.1 ADJACENT MARKET: SASE MARKET, BY OFFERING 228 TABLE 179[]SECURE ACCESS SERVICE EDGE MARKET, BY OFFERING, 2018-2022 (USD MILLION)[]228 TABLE 180 SECURE ACCESS SERVICE EDGE MARKET, BY OFFERING, 2023-2028 (USD MILLION) TABLE 181 NETWORK-AS-A-SERVICE: SECURE ACCESS SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION) 229 TABLE 182 NETWORK-AS-A-SERVICE: SECURE ACCESS SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION) 229 TABLE 183[SECURITY-AS-A-SERVICE: SECURE ACCESS SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)[230 TABLE 184 SECURITY-AS-A-SERVICE: SECURE ACCESS SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)

13.4.2 ADJACENT MARKET: SASE MARKET, BY ORGANIZATION SIZE 230 TABLE 185[SECURE ACCESS SERVICE EDGE MARKET, BY ORGANIZATION SIZE, 2018-2022 (USD MILLION)]230 TABLE 186[]SECURE ACCESS SERVICE EDGE MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)[]231 TABLE 187∏SMES: SECURE ACCESS SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)∏231 TABLE 188□SMES: SECURE ACCESS SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)□231 TABLE 189⊓LARGE ENTERPRISES: SECURE ACCESS SERVICE EDGE MARKET, BY REGION, 2018-2022 (USD MILLION)□232 TABLE 190□LARGE ENTERPRISES: SECURE ACCESS SERVICE EDGE MARKET, BY REGION, 2023-2028 (USD MILLION)□232 13.5 SECURITY-AS-A-SERVICE MARKET 232 13.5.1 ADJACENT MARKET: SECURITY-AS-A-SERVICE MARKET, BY COMPONENT 233 TABLE 191∏SECURITY-AS-A-SERVICE MARKET, BY COMPONENT, 2016-2020 (USD MILLION)∏233 TABLE 192∏SECURITY-AS-A-SERVICE MARKET, BY COMPONENT, 2021-2026 (USD MILLION)∏233 TABLE 193∏SOLUTIONS: SECURITY-AS-A SERVICE MARKET, BY REGION, 2016-2020 (USD MILLION)∏233 TABLE 194∏SOLUTIONS: SECURITY-AS-A-SERVICE MARKET, BY REGION, 2021-2026 (USD MILLION)∏234 TABLE 195 SERVICES: SECURITY-AS-A-SERVICE MARKET, BY REGION, 2016-2020 (USD MILLION) 234 TABLE 196 SERVICES: SECURITY-AS-A-SERVICE MARKET, BY REGION, 2021-2026 (USD MILLION) 234 13.5.2 ADJACENT MARKET: SECURITY-AS-A-SERVICE MARKET, BY ORGANIZATION SIZE 235 TABLE 197∏SECURITY-AS-A-SERVICE MARKET, BY ORGANIZATION SIZE, 2016-2020 (USD MILLION)∏235 TABLE 198□SECURITY-AS-A-SERVICE MARKET, BY ORGANIZATION SIZE, 2021-2026 (USD MILLION)□235 TABLE 199[]SMALL AND MEDIUM-SIZED ENTERPRISES: SECURITY-AS-A-SERVICE MARKET, BY REGION, 2016-2020 (USD MILLION)[]235 TABLE 200 SMALL AND MEDIUM-SIZED ENTERPRISES: SECURITY-AS-A-SERVICE MARKET, BY REGION, 2021-2026 (USD MILLION) TABLE 201 LARGE ENTERPRISES: SECURITY-AS-A-SERVICE MARKET, BY REGION, 2016-2020 (USD MILLION) 236 TABLE 202 LARGE ENTERPRISES: SECURITY-AS-A-SERVICE MARKET, BY REGION, 2021-2026 (USD MILLION) 236 ? 14 APPENDIX 237

14.1 DISCUSSION GUIDE 237 14.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 240 14.3 CUSTOMIZATION OPTIONS 242 14.4 RELATED REPORTS 242 14.5 AUTHOR DETAILS 243



Security Service Edge Market by Offering, Solutions (ZTNA, CASB, SWG, FWaaS), Services, Vertical (BFSI, Government, Retail & eCommerce, IT & ITeS), & Region (North America, Europe, Asia Pacific, Middle East & Arica, Latin America) - Global Forecast to 2028

Market Report | 2023-11-09 | 235 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*	Phone*	
First Name*	Last Name*	
Job title*		
Company Name*	EU Vat / Tax ID / NIF	number*
Address*	City*	

7in	Code*
Zip	Code

Country*

Date

2025-05-21

Signature