

MARKET REPORT

An aerial photograph of a city skyline, likely London, featuring prominent skyscrapers like the Gherkin and the Shard. The image is overlaid with a semi-transparent white box containing text. The sky is filled with dramatic, grey clouds.

Smart Grid Security Market by Solution, Service, Deployment Mode (Cloud, On-premises), Subsystem (SCADA/ICS, AMI, Demand Response, and Home Energy Management), Security Type (Endpoint, Network, Application, Database), and Region - Global Forecast to 2021

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“Increased sophistication of attacks on smart grid infrastructure is driving the growth of the smart grid security market”

MarketsandMarkets estimates the global smart grid security market to grow from USD 4.29 billion in 2016 to USD 7.00 billion by 2021, at a Compound Annual Growth Rate (CAGR) of 10.3%. The smart grid security market is growing rapidly because of the increase in adoption of smart grid security solutions, due to the increase in security breaches targeting enterprises. However, factors such as lack of security awareness among smart grid stakeholders are restraining the growth of the smart grid security market.

“IAM solution to have the highest growth rate during the forecast period”

Smart grid security solutions have been deployed in a large number of energy and utilities sector across the globe. Identity and Access Management (IAM) solutions provide a business security process framework, enabling the initiation and management of user identity and related access permissions in an automated fashion. The IAM solution is expected to witness the highest CAGR during the forecast period because of the increasing risk over maintenance of sensitive data.

“SCADA/ICS subsystem to have the largest market size in 2016”

Supervisory Control and Data Acquisition (SCADA)/Industrial Control System (ICS) security is estimated to have the largest market size in 2016 because of the growing need to secure complex subsystems in smart grid. The growth in SCADA and ICS security is associated with the rise in security breaches targeting critical infrastructure in enterprises, where hackers try to gain access to sensitive data. Furthermore, application demand response subsystem will grow at the highest CAGR during the forecast period, due to the organization’s need to balance the demand and supply of electricity.

“APAC is expected to have the highest growth rate during the forecast period”

Asia-Pacific (APAC) includes emerging economies, such as China, India, and Singapore, which are rapidly deploying smart grid security solutions. This is mainly due to the digitization of businesses and adoption of cloud services by small, medium, and large enterprises in the region.

In-depth interviews were conducted with CEOs, marketing directors, other innovation and technology directors, and executives from various key organizations operating in the smart grid security marketplace.

□ By Company Type: Tier 1: 48%, Tier 2: 28%, Tier 3: 24%

□ By Designation: C-Level: 34%, Director Level: 46%, Others: 20%

□ By Region: North America: 52%, Europe: 26%, APAC: 16%, ROW: 6%

The report includes the study of key players offering smart grid security services; BAE Systems PLC (U.K.), IBM Corporation (U.S.), Cisco Systems, Inc. (U.S.), Intel Corporation (Intel Security) (U.S.), Siemens AG (Germany), Symantec Corporation (U.S.), N-Dimension Solutions (Canada), Elster Solutions (U.S.), AlertEnterprise (U.S.), and Leidos (U.S.) are some of the companies profiled in the report. The report includes in-depth competitive analysis

of these key players in the smart grid security market, with their company profiles, SWOT analysis, recent developments, and key market strategies.

The report will help the market leaders or new entrants in this market in the following ways:

1. This report segments the market into various subsegments, covering this market comprehensively. The report provides the closest approximations of the revenue numbers for the overall market and the subsegments. The market numbers are further split across different industry verticals and regions.
2. This report will help in better understanding of the competitors and gaining insights to better one's position in the market. There is a separate section on competitive landscape, which includes competitor ecosystem, mergers & acquisitions, integrations & expansions, and collaborations of various market vendors. Besides, there are company profiles of ten players in this market. In this section, market internals are provided that can put one ahead of the competitors.
3. The report also helps in understanding the overall growth of the market. It provides information on key market drivers, restraints, challenges, and opportunities.

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Table Of Contents for Smart Grid Security Market by Solution, Service, Deployment Mode (Cloud, On-premises), Subsystem (SCADA/ICS, AMI, Demand Response, and Home Energy Management), Security Type (Endpoint, Network, Application, Database), and Region - Global Forecast to 2021

- TABLE OF CONTENTS1 INTRODUCTION 161.1 OBJECTIVES OF THE STUDY 161.2 MARKET DEFINITION 161.3 MARKET SCOPE 171.3.1 MARKETS COVERED 171.3.2 YEARS CONSIDERED FOR THE STUDY 171.4 CURRENCY 181.5 LIMITATIONS 181.6 STAKEHOLDERS 182 RESEARCH METHODOLOGY 192.1 RESEARCH DATA 192.1.1 SECONDARY DATA 202.1.1.1 Key data points taken from secondary sources 202.1.2 PRIMARY DATA 202.1.2.1 Key data from primary sources 212.1.2.2 Key industry insights 222.1.2.3 Breakdown of primaries 222.2 MARKET SIZE ESTIMATION 232.2.1 BOTTOM-UP APPROACH 232.2.2 TOP-DOWN APPROACH 242.3 MARKET BREAKDOWN AND DATA TRIANGULATION 252.4 RESEARCH ASSUMPTIONS 263 EXECUTIVE SUMMARY 274 PREMIUM INSIGHTS 324.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE SMART GRID SECURITY MARKET 324.2 SMART GRID SECURITY MARKET: BY SECURITY TYPE 324.3 SMART GRID SECURITY MARKET, BY REGION AND INDUSTRY VERTICAL 334.4 SMART GRID SECURITY MARKET POTENTIAL 334.5 LIFECYCLE ANALYSIS, BY REGION, 2016 345 MARKET OVERVIEW 355.1 INTRODUCTION 365.2 MARKET EVOLUTION 365.3 MARKET SEGMENTATION 375.3.1 BY SOLUTION 375.3.2 BY SERVICE 385.3.3 BY DEPLOYMENT MODE 385.3.4 BY SUBSYSTEM 395.3.5 BY SECURITY TYPE 395.3.6 BY REGION 405.4 MARKET DYNAMICS 405.4.1 DRIVERS 415.4.1.1 Global development of smart grids 415.4.1.2 Increased sophistication of cyber-attacks 425.4.1.3 Need to comply with standards and regulations 425.4.2 RESTRAINTS 425.4.2.1 Lack of security awareness among smart grid stakeholders 425.4.3 OPPORTUNITIES 425.4.3.1 Continuous evolution of smart grid 425.4.3.2 Integrated offering of smart grid IT and cybersecurity solutions 435.4.4 CHALLENGES 435.4.4.1 Maintain cybersecurity standards over time 436 INDUSTRY TRENDS 446.1 INTRODUCTION 446.2 VALUE CHAIN ANALYSIS 446.3 STRATEGIC BENCHMARKING 456.4 SMART GRID SECURITY STANDARDS 466.4.1 NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST) 466.4.2 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) SMART GRID 466.4.3 EUROPEAN UNION AGENCY FOR NETWORK AND INFORMATION SECURITY (ENISA) 467 SMART GRID SECURITY MARKET ANALYSIS, BY SOLUTION 477.1 INTRODUCTION 487.2 FIREWALL 497.3 IDENTITY AND ACCESS MANAGEMENT 507.4 ANTIVIRUS/ANTIMALWARE 517.5 ENCRYPTION 527.6 SECURITY AND VULNERABILITY MANAGEMENT 537.7 INTRUSION DETECTION SYSTEM/INTRUSION PREVENTION SYSTEM 547.8 DISTRIBUTED DENIAL OF SERVICE 547.9 OTHERS 558 SMART GRID SECURITY MARKET ANALYSIS, BY SERVICE 578.1 INTRODUCTION 588.2 PROFESSIONAL SERVICES 598.2.1 CONSULTING 608.2.2 EDUCATION AND TRAINING 618.2.3 SUPPORT AND MAINTENANCE 618.3 MANAGED SERVICES 629 SMART GRID SECURITY MARKET ANALYSIS, BY DEPLOYMENT MODE 649.1 INTRODUCTION 659.2 CLOUD 669.3 ON-PREMISES 6710 SMART GRID SECURITY MARKET ANALYSIS, BY SUBSYSTEM 6810.1 INTRODUCTION 6910.2 SUPERVISORY CONTROL AND DATA ACQUISITION/INDUSTRIAL CONTROL SYSTEM 7010.3 ADVANCED METERING INFRASTRUCTURE 7010.4 DEMAND RESPONSE 7110.5 HOME ENERGY MANAGEMENT 7211 SMART GRID SECURITY MARKET ANALYSIS, BY SECURITY TYPE 7311.1 INTRODUCTION 7411.2 ENDPOINT SECURITY 7511.3 NETWORK SECURITY 7511.4 APPLICATION SECURITY 7711.5 DATABASE SECURITY 7812 SMART GRID SECURITY MARKET ANALYSIS, BY REGION 7912.1 INTRODUCTION 8012.2 NORTH AMERICA 8212.2.1 UNITED STATES 8612.2.2 CANADA 8712.3 EUROPE 8712.3.1 UNITED KINGDOM 9012.3.2 GERMANY 9012.3.3 FRANCE 9012.3.4 REST OF EUROPE (SPAIN, DENMARK, AND ITALY) 9012.4 ASIA-PACIFIC 9112.4.1 CHINA 9512.4.2 JAPAN 9512.4.3 AUSTRALIA 9512.4.4 REST OF ASIA-PACIFIC (INDIA, SINGAPORE, SOUTH KOREA, AND MALAYSIA) 9612.5 MIDDLE EAST AND AFRICA 9612.5.1 THE MIDDLE EAST (UAE, SAUDI ARABIA, TURKEY) 9912.5.2 AFRICA (SOUTH AFRICA AND NIGERIA) 9912.6 LATIN AMERICA 10012.6.1 BRAZIL 10312.6.2 MEXICO 10312.6.3 REST OF LATIN AMERICA (ARGENTINA, COLOMBIA, AND CHILE) 10313 COMPETITIVE LANDSCAPE 10413.1 OVERVIEW 10413.2 VENDOR ANALYSIS 10513.3 COMPETITIVE SITUATION AND TRENDS 10713.3.1 NEW PRODUCT LAUNCHES 10913.3.2 AGREEMENTS, PARTNERSHIPS, AND COLLABORATIONS 11013.3.3 MERGERS AND ACQUISITIONS 11113.3.4 BUSINESS EXPANSIONS 11214 COMPANY PROFILES 11314.1

INTRODUCTION 113(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View)*14.2 BAE SYSTEMS PLC 11414.3 IBM CORPORATION 11714.4 CISCO SYSTEMS, INC. 12214.5 INTEL SECURITY (MCAFFEE) 12714.6 SIEMENS AG 13214.7 SYMANTEC CORPORATION 13514.8 N-DIMENSION SOLUTIONS, INC. 13814.9 ELSTER SOLUTIONS 13914.10 ALERTENTERPRISE 14114.11 LEIDOS 14314.12 KEY INNOVATORS 145*Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.15 APPENDIX 14615.1 OTHER DEVELOPMENTS 14615.1.1 OTHER DEVELOPMENTS: PARTNERSHIPS, AGREEMENTS, AND COLLABORATIONS 14615.1.2 OTHER DEVELOPMENTS: NEW PRODUCT LAUNCHES 14715.2 INDUSTRY EXPERTS 15015.3 DISCUSSION GUIDE 15115.4 KNOWLEDGE STORE: MARKETSDMARKETS' SUBSCRIPTION PORTAL 15415.5 INTRODUCTION RT: REAL-TIME MARKET INTELLIGENCE 15615.6 AVAILABLE CUSTOMIZATIONS 15715.7 RELATED REPORTS 15715.8 AUTHOR DETAILS 158

List Of Tables in Smart Grid Security Market by Solution, Service, Deployment Mode (Cloud, On-premises), Subsystem (SCADA/ICS, AMI, Demand Response, and Home Energy Management), Security Type (Endpoint, Network, Application, Database), and Region - Global Forecast to 2021

LIST OF TABLES

TABLE 1 SMART GRID SECURITY MARKET SIZE AND GROWTH RATE,

2014-2021 (USD MILLION, Y-O-Y %) 28

TABLE 2 SMART GRID SECURITY MARKET SIZE, BY SOLUTION, 2014-2021 (USD MILLION) 48

TABLE 3 FIREWALL: SMART GRID SECURITY MARKET SIZE, BY REGION,

2014-2021 (USD MILLION) 50

TABLE 4 IDENTITY AND ACCESS MANAGEMENT: SMART GRID SECURITY MARKET SIZE,

BY REGION, 2014-2021 (USD MILLION) 51

TABLE 5 ANTIVIRUS/ANTIMALWARE: SMART GRID SECURITY MARKET SIZE,

BY REGION, 2014-2021 (USD MILLION) 52

TABLE 6 ENCRYPTION: SMART GRID SECURITY MARKET SIZE, BY REGION,

2014-2021 (USD MILLION) 52

TABLE 7 SECURITY AND VULNERABILITY MANAGEMENT: SMART GRID SECURITY MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 53

TABLE 8 INTRUSION DETECTION SYSTEM/INTRUSION PREVENTION SYSTEM: SMART GRID SECURITY MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 54

TABLE 9 DISTRIBUTED DENIAL OF SERVICE: SMART GRID SECURITY MARKET SIZE,

BY REGION, 2014-2021 (USD MILLION) 55

TABLE 10 OTHERS: SMART GRID SECURITY MARKET SIZE, BY REGION,

2014-2021 (USD MILLION) 56

TABLE 11 SMART GRID SECURITY MARKET SIZE, BY SERVICE, 2014-2021 (USD MILLION) 58

TABLE 12 PROFESSIONAL SERVICES: SMART GRID SECURITY MARKET SIZE,

BY REGION, 2014-2021 (USD MILLION) 59

TABLE 13 SMART GRID SECURITY MARKET SIZE, BY PROFESSIONAL SERVICE,

2014-2021 (USD MILLION) 60

TABLE 14 CONSULTING: SMART GRID SECURITY MARKET SIZE, BY REGION,
2014-2021 (USD MILLION) 60

TABLE 15 EDUCATION AND TRAINING: SMART GRID SECURITY MARKET SIZE,
BY REGION, 2014-2021 (USD MILLION) 61

TABLE 16 SUPPORT AND MAINTENANCE: SMART GRID SECURITY MARKET SIZE,
BY REGION, 2014-2021 (USD MILLION) 62

TABLE 17 MANAGED SERVICES: SMART GRID SECURITY MARKET SIZE, BY REGION,
2014-2021 (USD MILLION) 63

TABLE 18 SMART GRID SECURITY MARKET SIZE, BY DEPLOYMENT MODE,
2014-2021 (USD MILLION) 65

TABLE 19 CLOUD: SMART GRID SECURITY MARKET SIZE, BY REGION,
2014-2021 (USD MILLION) 66

TABLE 20 ON-PREMISES: SMART GRID SECURITY MARKET SIZE, BY REGION,
2014-2021 (USD MILLION) 67

TABLE 21 SMART GRID SECURITY MARKET SIZE, BY SUBSYSTEM,
2014-2021 (USD MILLION) 69

TABLE 22 SCADA/ICS: SMART GRID SECURITY MARKET SIZE, BY REGION,
2014-2021 (USD MILLION) 70

TABLE 23 ADVANCED METERING INFRASTRUCTURE: SMART GRID SECURITY MARKET SIZE, BY REGION, 2014-2021
(USD MILLION) 71

TABLE 24 DEMAND RESPONSE: SMART GRID SECURITY MARKET SIZE, BY REGION,
2014-2021 (USD MILLION) 72

TABLE 25 HOME ENERGY MANAGEMENT: SMART GRID SECURITY MARKET SIZE,
BY REGION, 2014-2021 (USD MILLION) 72

TABLE 26 SMART GRID SECURITY MARKET SIZE, BY SECURITY TYPE,
2014-2021 (USD MILLION) 74

TABLE 27 ENDPOINT SECURITY: SMART GRID SECURITY MARKET SIZE, BY REGION,
2014-2021 (USD MILLION) 75

TABLE 28 NETWORK SECURITY: SMART GRID SECURITY MARKET SIZE, BY REGION,
2014-2021 (USD MILLION) 76

TABLE 29 APPLICATION SECURITY: SMART GRID SECURITY MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 77

TABLE 30 DATABASE SECURITY: SMART GRID SECURITY MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 78

TABLE 31 SMART GRID SECURITY MARKET SIZE, BY REGION, 2014-2021 (USD MILLION) 81

TABLE 32 NORTH AMERICA: SMART GRID SECURITY MARKET SIZE, BY SOLUTION, 2014-2021 (USD MILLION) 84

TABLE 33 NORTH AMERICA: SMART GRID SECURITY MARKET SIZE, BY SERVICE, 2014-2021 (USD MILLION) 84

TABLE 34 NORTH AMERICA: SMART GRID SECURITY MARKET SIZE, BY PROFESSIONAL SERVICE, 2014-2021 (USD MILLION) 85

TABLE 35 NORTH AMERICA: SMART GRID SECURITY MARKET SIZE, BY DEPLOYMENT MODE, 2014-2021 (USD MILLION) 85

TABLE 36 NORTH AMERICA: SMART GRID SECURITY MARKET SIZE, BY SUBSYSTEM, 2014-2021 (USD MILLION) 85

TABLE 37 NORTH AMERICA: SMART GRID SECURITY MARKET SIZE, BY SECURITY TYPE, 2014-2021 (USD MILLION) 86

TABLE 38 NORTH AMERICA: SMART GRID SECURITY MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION) 87

TABLE 39 EUROPE: SMART GRID SECURITY MARKET, BY SOLUTION, 2016-2021 (USD MILLION) 88

TABLE 40 EUROPE: SMART GRID SECURITY MARKET SIZE, BY SERVICE, 2014-2021 (USD MILLION) 88

TABLE 41 EUROPE: SMART GRID SECURITY MARKET SIZE, BY PROFESSIONAL SERVICE, 2014-2021 (USD MILLION) 88

TABLE 42 EUROPE: SMART GRID SECURITY MARKET SIZE, BY DEPLOYMENT MODE, 2014-2021 (USD MILLION) 89

TABLE 43 EUROPE: SMART GRID SECURITY MARKET SIZE, BY SUBSYSTEM, 2014-2021 (USD MILLION) 89

TABLE 44 EUROPE: SMART GRID SECURITY MARKET SIZE, BY SECURITY TYPE, 2014-2021 (USD MILLION) 90

TABLE 45 EUROPE: SMART GRID SECURITY MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION) 91

TABLE 46 ASIA-PACIFIC: SMART GRID SECURITY MARKET, BY SOLUTION, 2016-2021 (USD MILLION) 93
TABLE 47 ASIA-PACIFIC: SMART GRID SECURITY MARKET SIZE, BY SERVICE, 2014-2021 (USD MILLION) 93
TABLE 48 ASIA-PACIFIC: SMART GRID SECURITY MARKET SIZE, BY PROFESSIONAL SERVICE, 2014-2021 (USD MILLION) 94
TABLE 49 ASIA-PACIFIC: SMART GRID SECURITY MARKET SIZE, BY DEPLOYMENT MODE, 2014-2021 (USD MILLION) 94
TABLE 50 ASIA-PACIFIC: SMART GRID SECURITY MARKET SIZE, BY SUBSYSTEM, 2014-2021 (USD MILLION) 94
TABLE 51 ASIA-PACIFIC: SMART GRID SECURITY MARKET SIZE, BY SECURITY TYPE, 2014-2021 (USD MILLION) 95
TABLE 52 ASIA-PACIFIC: SMART GRID SECURITY MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION) 96
TABLE 53 MIDDLE EAST AND AFRICA: SMART GRID SECURITY MARKET, BY SOLUTION, 2016-2021 (USD MILLION) 97
TABLE 54 MIDDLE EAST AND AFRICA: SMART GRID SECURITY MARKET SIZE, BY SERVICE, 2014-2021 (USD MILLION) 97
TABLE 55 MIDDLE EAST AND AFRICA: SMART GRID SECURITY MARKET SIZE, BY PROFESSIONAL SERVICE, 2014-2021 (USD MILLION) 98
TABLE 56 MIDDLE EAST AND AFRICA: SMART GRID SECURITY MARKET SIZE, BY DEPLOYMENT MODE, 2014-2021 (USD MILLION) 98
TABLE 57 MIDDLE EAST AND AFRICA: SMART GRID SECURITY MARKET SIZE, BY SUBSYSTEM, 2014-2021 (USD MILLION) 98
TABLE 58 MIDDLE EAST AND AFRICA: SMART GRID SECURITY MARKET SIZE, BY SECURITY TYPE, 2014-2021 (USD MILLION) 99
TABLE 59 MIDDLE EAST AND AFRICA: SMART GRID SECURITY MARKET SIZE, BY SUB-REGIONS, 2014-2021 (USD MILLION) 100
TABLE 60 LATIN AMERICA: SMART GRID SECURITY MARKET, BY SOLUTION, 2016-2021 (USD MILLION) 100
TABLE 61 LATIN AMERICA: SMART GRID SECURITY MARKET SIZE, BY SERVICE, 2014-2021 (USD MILLION) 101
TABLE 62 LATIN AMERICA: SMART GRID SECURITY MARKET SIZE, BY PROFESSIONAL SERVICE, 2014-2021 (USD

MILLION) 101

TABLE 63 LATIN AMERICA: SMART GRID SECURITY MARKET SIZE, BY DEPLOYMENT MODE, 2014-2021 (USD MILLION) 101

TABLE 64 LATIN AMERICA: SMART GRID SECURITY MARKET SIZE, BY SUBSYSTEM, 2014-2021 (USD MILLION) 102

TABLE 65 LATIN AMERICA: SMART GRID SECURITY MARKET SIZE, BY SECURITY TYPE, 2014-2021 (USD MILLION) 102

TABLE 66 LATIN AMERICA: SMART GRID SECURITY MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION) 103

TABLE 67 NEW PRODUCT LAUNCHES, 2015-2016 109

TABLE 68 AGREEMENTS, PARTNERSHIPS, AND COLLABORATIONS, 2016 110

TABLE 69 MERGERS AND ACQUISITIONS, 2014-2016 111

TABLE 70 BUSINESS EXPANSIONS, 2014-2016 112

TABLE 71 OTHER DEVELOPMENTS: PARTNERSHIPS, AGREEMENTS, AND COLLABORATIONS, 2014-2015 146

TABLE 72 OTHER DEVELOPMENTS: NEW PRODUCT LAUNCHES, 2014-2015 147

List Of Figures, Charts and Diagrams in Smart Grid Security Market by Solution, Service, Deployment Mode (Cloud, On-premises), Subsystem (SCADA/ICS, AMI, Demand Response, and Home Energy Management), Security Type (Endpoint, Network, Application, Database), and Region - Global Forecast to 2021

LIST OF FIGURES

FIGURE 1 SMART GRID SECURITY: RESEARCH METHODOLOGY 19

FIGURE 2 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION,
AND REGION 22

FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH 23

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH 24

FIGURE 5 SMART GRID SECURITY: DATA TRIANGULATION 25

FIGURE 6 NORTH AMERICA HOLDS THE LARGEST MARKET SHARE IN 2016 28

FIGURE 7 IDENTITY AND ACCESS MANAGEMENT IS EXPECTED TO LEAD THE SMART GRID SECURITY SOLUTIONS
SEGMENT IN TERMS OF MARKET SIZE DURING THE FORECAST PERIOD 29

FIGURE 8 MANAGED SERVICES SEGMENT IS EXPECTED TO GROW AT THE HIGHER CAGR THAN PROFESSIONAL
SERVICES SEGMENT DURING THE FORECAST PERIOD 29

FIGURE 9 CLOUD-BASED DEPLOYMENT MODE IS EXPECTED TO GROW WITH A HIGHER
CAGR THAN ON-PREMISES DURING THE FORECAST PERIOD 30

FIGURE 10 SECURITY FOR ADVANCED METERING INFRASTRUCTURE IS EXPECTED TO DOMINATE THE MARKET
DURING THE FORECAST PERIOD 30

FIGURE 11 APPLICATION SECURITY IS EXPECTED TO BE THE FASTEST GROWING SECURITY TYPE IN THE SMART
GRID SECURITY MARKET DURING THE FORECAST PERIOD 31

FIGURE 12 SMART GRID SECURITY MARKET IS EXPECTED TO WITNESS REMARKABLE GROWTH OPPORTUNITIES
DUE TO LARGE SCALE DEVELOPMENT OF SMART

GRIDS AND INCREASED SOPHISTICATION OF CYBER-ATTACKS 32

FIGURE 13 APPLICATION SECURITY IS EXPECTED TO GROW AT HIGHEST CAGR DURING
THE FORECAST PERIOD 32

FIGURE 14 NORTH AMERICA IS EXPECTED TO HOLD THE LARGEST MARKET SHARE IN
THE SMART GRID SECURITY MARKET 33

FIGURE 15 ASIA-PACIFIC IS EXPECTED TO WITNESS THE HIGHEST GROWTH RATE DURING

THE FORECAST PERIOD 33

FIGURE 16 REGIONAL LIFECYCLE: ASIA-PACIFIC IS EXPECTED TO BE IN THE GROWTH PHASE
IN 2016 34

FIGURE 17 EVOLUTION OF SMART GRID SECURITY MARKET 37

FIGURE 18 SMART GRID SECURITY MARKET SEGMENTATION: BY SOLUTION 37

FIGURE 19 SMART GRID SECURITY MARKET SEGMENTATION: BY SERVICE 38

FIGURE 20 SMART GRID SECURITY MARKET SEGMENTATION: BY DEPLOYMENT MODE 38

FIGURE 21 SMART GRID SECURITY MARKET SEGMENTATION: BY SUBSYSTEM 39

FIGURE 22 SMART GRID SECURITY MARKET SEGMENTATION: BY SECURITY TYPE 39

FIGURE 23 SMART GRID SECURITY MARKET SEGMENTATION: BY REGION 40

FIGURE 24 SMART GRID SECURITY MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES,
AND CHALLENGES 40

FIGURE 25 SMART GRID PROJECTS ACROSS THE GLOBE 41

FIGURE 26 SMART GRID SECURITY MARKET: VALUE CHAIN ANALYSIS 44

FIGURE 27 SMART GRID SECURITY MARKET: NEW PRODUCT LAUNCHES 45

FIGURE 28 IDENTITY AND ACCESS MANAGEMENT IS EXPECTED TO LEAD THE SMART GRID SECURITY SOLUTIONS
SEGMENT IN TERMS OF MARKET SIZE DURING THE FORECAST PERIOD 49

FIGURE 29 MANAGED SERVICES SEGMENT IS EXPECTED TO GROW AT THE HIGHER CAGR THAN PROFESSIONAL
SERVICES SEGMENT DURING THE FORECAST PERIOD 59

FIGURE 30 CLOUD-BASED DEPLOYMENT MODE IS EXPECTED TO GROW WITH A HIGHER
CAGR THAN ON-PREMISES DURING THE FORECAST PERIOD 66

FIGURE 31 SECURITY FOR ADVANCED METERING INFRASTRUCTURE IS EXPECTED TO DOMINATE THE MARKET
DURING THE FORECAST PERIOD 69

FIGURE 32 APPLICATION SECURITY IS EXPECTED TO BE THE FASTEST GROWING SECURITY TYPE IN THE SMART
GRID SECURITY MARKET DURING THE FORECAST PERIOD 74

FIGURE 33 ASIA-PACIFIC IS EXPECTED TO OFFER HUGE GROWTH OPPORTUNITIES FOR SMART GRID SECURITY
VENDORS DURING THE FORECAST PERIOD 80

FIGURE 34 ASIA-PACIFIC IS EXPECTED TO HAVE THE HIGHEST GROWTH RATE DURING
THE FORECAST PERIOD 81

FIGURE 35 NORTH AMERICA MARKET SNAPSHOT 83

FIGURE 36 ASIA-PACIFIC MARKET SNAPSHOT 92

FIGURE 37 TOP COMPANIES ADOPTED NEW PRODUCT LAUNCH AS THE KEY GROWTH STRATEGY DURING THE
PERIOD 2014-2016 104

FIGURE 38 VENDOR ANALYSIS FOR SMART GRID SECURITY PRODUCT OFFERING 105

FIGURE 39 VENDOR ANALYSIS FOR BUSINESS STRATEGY 106

FIGURE 40 MARKET EVALUATION FRAMEWORK 107

FIGURE 41 BATTLE FOR MARKET SHARE: NEW PRODUCT LAUNCHES, PARTNERSHIPS, AGREEMENTS, AND COLLABORATIONS ARE THE KEY STRATEGIES OF THE LEADING MARKET PLAYERS FROM 2014 TO 2016 108

FIGURE 42 GEOGRAPHIC REVENUE MIX OF TOP PLAYERS 113

FIGURE 43 BAE SYSTEMS PLC: COMPANY SNAPSHOT 114

FIGURE 44 BAE SYSTEMS PLC: SWOT ANALYSIS 116

FIGURE 45 IBM CORPORATION: COMPANY SNAPSHOT 117

FIGURE 46 IBM CORPORATION: SWOT ANALYSIS 121

FIGURE 47 CISCO SYSTEMS, INC.: COMPANY SNAPSHOT 122

FIGURE 48 CISCO SYSTEMS, INC.: SWOT ANALYSIS 126

FIGURE 49 INTEL SECURITY: COMPANY SNAPSHOT 127

FIGURE 50 INTEL SECURITY: SWOT ANALYSIS 131

FIGURE 51 SIEMENS AG: COMPANY SNAPSHOT 132

FIGURE 52 SIEMENS AG: SWOT ANALYSIS 134

FIGURE 53 SYMANTEC CORPORATION: COMPANY SNAPSHOT 135

FIGURE 54 LEIDOS: COMPANY SNAPSHOT 143

How to Buy...

Smart Grid Security Market by Solution, Service, Deployment Mode (Cloud, On-premises), Subsystem (SCADA/ICS, AMI, Demand Response, and Home Energy Management), Security Type (Endpoint, Network, Application, Database), and Region - Global Forecast to 2021

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