

Digital Identity Solutions Market by Offering (Solutions, Services), Software, Solution Type (Identity Verification, Authentication), Authentication Type, Identity Type, Organization Size, Vertical and Region - Global Forecast to 2028

Market Report | 2023-07-10 | 327 pages | MarketsandMarkets

AVAILABLE LICENSES:

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

Report description:

The global DIS market size is projected to grow from USD 34.5 billion in 2023 to USD 83.2 billion by 2028 at a Compound Annual Growth Rate (CAGR) of 19.3% during the forecast period. The DIS market is propelled by key factors shaping its growth trajectory. These include increased government initiatives supporting digital ID transportation and a rise in identity and authentication fraud. Furthermore, the high cost of deploying digital identity solutions may hinder market growth.

By vertical, the BFSI segment holds the largest market size.

The value and advancements of technologies are increasingly getting acknowledged by financial institutions to improve the customer experience and protect themselves and their customers against the consequences of a breach in security. These institutions also deeply understand how digital identity solutions could be used to combat the threats posed by fraud and identity theft. Anytime, anywhere banking is in demand by customers due to which BFSI organizations are deploying various services, such as internet banking, mobile banking, and stock trading through web and mobile applications. Furthermore, increasing instances of identity theft and fraud drive the demand for robust digital identity solutions in the BFSI (Banking, Financial Services, and Insurance) sector.

Regulatory compliance requirements, such as Know Your Customer (KYC) and Anti-Money Laundering (AML) regulations, push financial institutions to adopt advanced digital identity solutions for secure customer onboarding and transaction verification. By offering, services registered the highest CAGR during the forecast period.

Digital identity service is the assistance offered by type vendors to help customers efficiently use and maintain digital identity solutions. Hence, various vendors focus on providing managed services in the digital identity solutions market, whereas other vendors outsource these services. Services in the digital identity solutions market become critical as they support the proper functioning of software-based solutions. Digital identity services comprise technical support services that require effective

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

integration of digital identity solutions. Moreover, technical expertise is needed to maintain and update digital identity software. The demand for these services is directly related to the adoption level of digital identity solutions. The adoption of digital identity solutions is increasing due to an increasing need to secure business-sensitive applications from unauthorized access. Managed services are used to decrease the operational overhead and risk and help manage the complex network infrastructure of organizations.

By organization size, SMEs registered the highest CAGR during the forecast period.

The need for efficient customer data protection, sales generation, new hires, cost-cutting, enhancing customer experience, and business development are the factors expected to drive the digital identity solutions market in the future. Digital identity solutions are becoming necessary for SMEs, as they are often at high-security risk and do not follow formal identity management policies. The increasing demand for security, authentication, and verification from SMEs for improving their productivity and pooling of knowledge base has triggered vendors to provide a solution at a low cost. The cloud deployment mode offers a feasible solution for the adoption of technology. The cloud-based solution is developed keeping in mind the limited budget of SMEs. In the coming years, the low cost of digital identity solutions is expected to help SMEs worldwide deploy the solution. SMEs' adoption and acceptance of digital identity solutions will help expand the customer base and enhance business efficiency. Governments are also taking initiatives to protect SMEs in their respective countries.

By region, North America holds the largest market size.

Mandatory identity management policies, investments from various industries, including BFSI and retail, and developing technologies, including smart infrastructure, smart cities, ePassport, and evisa, are anticipated to fuel the growth of the North American market for digital identity solutions. As an illustration, Gemalto has created an ID verification solution for banks that helps simplify the onboarding process. ePassports for onboarding that employ digital IDs based on facial and fingerprint identification are also being developed in North America. These activities are anticipated to propel the North American market for digital identification solutions as a whole.

The development of government initiatives, such as smart infrastructure, smart cities, digital identity-based driver's licenses, and the use of digital identity by the US police, to track criminals suspected of major and minor crimes, as well as to find out missing persons, are also driving the need of digital identity across North America.

By region, Asia Pacific registered the highest CAGR during the forecast period.

Technology for digital identification solutions has evolved beyond the BFSI and healthcare sectors to the government, defense, airport, and border control. Banks in the Asia-Pacific region are implementing methods for furthering the development of digital identification solutions, such as new product innovations and collaborations. Asia Pacific banks and businesses are creating digital identification solutions using cutting-edge technology like blockchain, AI, and cloud. The market for digital identification solutions in the Asia Pacific is driven by these activities by governments and businesses in various nations.

The region is expected to invest more in deploying digital identity technology due to the increasing threat of identity and access breaches, resulting in financial and reputational losses. These initiatives are boosting the market growth.

Breakdown of primaries

The study contains various industry experts' insights, from component suppliers to Tier 1 companies and OEMs. The break-up of the primaries is as follows:

- By Company Type: Tier 1 - 25%, Tier 2 - 40%, and Tier 3 - 35%

- By Designation: C-level - 30%, Directors- 35%, and other- 35%

- By Region: North America - 15%, Europe - 25%, Asia Pacific - 30%, Middle East & Africa- 20, Latin America - 10%

Major vendors in the global DIS market include NEC (Japan), Samsung SDS (South Korea), Thales (France), Telus (Canada), IDEMIA (France), GBG (UK), Tessi (France), Daon (US), ForgeRock (US), ImageWare (US), Jumio (US), iProov (UK), ID R&D (US), Refinitiv (UK), OneSpan (US), Smartmatic (UK), Freja EID Group (Sweden), Vintegris (Spain), AU10TIX (Israel), Signicat (Norway), Duo

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Security (US), Syntizen (India), Hashcash Consultant (US), Good Digital Identity (Czech Republic).

The study includes an in-depth competitive analysis of the key players in the DIS market, their company profiles, recent developments, and key market strategies.

Research Coverage

The report segments the DIS market and forecasts its size by Offering (Solution and Services), by Solution Type (Identity Verification, Authentication, Identity Lifecycle Management, and Other solutions), by Identity type (Biometric and Non-biometric), by organization size (Large enterprises and SME), by Vertical (BFSI, Retail and eCommerce, Government and Defense, Hospitality, IT & ITeS, Telecommunication, energy, and utilities and other verticals), and region (North America, Europe, Asia Pacific, Middle East & Africa, and Latin America).

The study also includes an in-depth competitive analysis of the market's key players, their company profiles, key observations related to product and business offerings, recent developments, and key market strategies.

Key Benefits of Buying the Report

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall DIS 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 key drivers (Government initiatives and regulations supporting digital ID transformation, Rise in ID wallet solutions, Boost in the usage of online services offered by commercial businesses in recent years, Rise in identity and authentication fraud), restraints (Lack of information security of consumer data), opportunities (Increased integration of AI, ML, and blockchain technologies to enhance digital identities, Adopting biometric devices in digital identity solutions, Adopting advanced authentication techniques across verticals) and challenges (Threat of privacy and data breach, High cost associated with deployment of digital identity solutions)

- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the DIS market.

- Market Development: Comprehensive information about lucrative markets - the report analyses the DIS market across varied regions.

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

- Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like NEC (Japan), Samsung SDS (South Korea), Thales (France), Telus (Canada), IDEMIA (France), GBG (UK), Tessi (France), Daon (US), ForgeRock (US) and among others in the DIS market strategies.

Table of Contents:

1□INTRODUCTION□	53
1.1□STUDY OBJECTIVES□	53
1.2□MARKET DEFINITION□	53
1.2.1□INCLUSIONS & EXCLUSIONS□	53
1.3□MARKET SCOPE□	54
1.3.1□MARKET SEGMENTATION□	54
1.3.2□REGIONS COVERED□	55
1.3.3□YEARS CONSIDERED□	55
1.4□CURRENCY CONSIDERED□	56
TABLE 1□USD EXCHANGE RATES, 2019-2022□	56
1.5□STAKEHOLDERS□	56
1.6□SUMMARY OF CHANGES□	57

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

2	RESEARCH METHODOLOGY	58
2.1	RESEARCH DATA	58
FIGURE 1	DIGITAL IDENTITY SOLUTIONS MARKET: RESEARCH DESIGN	58
2.1.1	SECONDARY DATA	59
2.1.2	PRIMARY DATA	59
2.1.2.1	Breakup of primary profiles	60
FIGURE 2	BREAKUP OF PRIMARY SOURCES, BY COMPANY, DESIGNATION, AND REGION	60
2.1.2.2	Key industry insights	60
FIGURE 3	INSIGHTS BY INDUSTRY EXPERTS	60
2.2	DATA TRIANGULATION	61
FIGURE 4	DATA TRIANGULATION PROCESS	61
2.3	MARKET SIZE ESTIMATION	62
2.3.1	REVENUE ESTIMATES	62
FIGURE 5	MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1	62
2.3.2	TOP-DOWN APPROACH	63
2.3.3	DEMAND-SIDE ANALYSIS	63
FIGURE 6	MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2 - BOTTOM-UP	63
2.4	MARKET FORECAST	64
TABLE 2	FACTOR ANALYSIS	64
2.5	ASSUMPTIONS	65
2.6	LIMITATIONS	66
3	EXECUTIVE SUMMARY	67
TABLE 3	DIGITAL IDENTITY SOLUTIONS MARKET SIZE AND GROWTH RATE, 2017-2022 (USD MILLION, Y-O-Y %)	68
TABLE 4	DIGITAL IDENTITY SOLUTIONS MARKET SIZE AND GROWTH RATE, 2023-2028 (USD MILLION, Y-O-Y %)	68
FIGURE 7	DIGITAL IDENTITY SOLUTIONS MARKET SIZE AND Y-O-Y GROWTH RATE (2023-2028)	68
FIGURE 8	NORTH AMERICA TO ACCOUNT FOR LARGEST MARKET SHARE IN 2023	69
4	PREMIUM INSIGHTS	70
4.1	OVERVIEW OF DIGITAL IDENTITY SOLUTIONS MARKET	70
FIGURE 9	GOVERNMENT INITIATIVES AND REGULATIONS SUPPORTING DIGITAL ID TRANSFORMATION TO DRIVE GROWTH OF DIS MARKET	70
4.2	DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING	70
FIGURE 10	SOLUTION SEGMENT TO ACCOUNT FOR LARGEST SHARE IN 2023	70
4.3	DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION	71
FIGURE 11	HARDWARE SEGMENT TO ACCOUNT FOR LARGEST SHARE IN 2023	71
4.4	DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE	71
FIGURE 12	AUTHENTICATION SEGMENT TO ACCOUNT FOR LARGEST SHARE IN 2023	71
4.5	DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE	72
FIGURE 13	SINGLE-FACTOR AUTHENTICATION SEGMENT TO ACCOUNT FOR LARGEST SHARE IN 2023	72
4.6	DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE	72
FIGURE 14	BIOMETRIC SEGMENT TO ACCOUNT FOR LARGEST SHARE IN 2023	72
4.7	DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE	73
FIGURE 15	LARGE ENTERPRISES TO ACCOUNT FOR LARGEST SHARE IN 2023	73
4.8	DIGITAL IDENTITY SOLUTIONS MARKET SHARE OF TOP THREE VERTICALS AND REGIONS, 2023	73
FIGURE 16	BFSI VERTICAL AND NORTH AMERICA TO ACCOUNT FOR LARGEST SHARES IN 2023	73
4.9	MARKET INVESTMENT SCENARIO	74
FIGURE 17	ASIA PACIFIC TO EMERGE AS BEST MARKET FOR INVESTMENTS IN NEXT FIVE YEARS	74
5	MARKET OVERVIEW AND INDUSTRY TRENDS	75

5.1	INTRODUCTION	75
5.2	MARKET DYNAMICS	75
FIGURE 18 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES: DIGITAL IDENTITY SOLUTIONS MARKET		
5.2.1	DRIVERS	76
5.2.1.1	Government initiatives and regulations supporting digital ID transformation	76
5.2.1.2	Rise in ID wallet solutions	77
5.2.1.3	Boost in usage of online services offered by commercial businesses in recent years	77
5.2.1.4	Rise in identity and authentication fraud	77
5.2.2	RESTRAINTS	78
5.2.2.1	Lack of information security of consumer data	78
5.2.3	OPPORTUNITIES	78
5.2.3.1	Increased integration of AI, ML, and blockchain technologies to enhance digital identities	78
5.2.3.2	Adopting biometric devices in digital identity solutions	78
5.2.3.3	Adopting advanced authentication techniques across verticals	79
5.2.4	CHALLENGES	79
5.2.4.1	Threat of privacy and data breach	79
5.2.4.2	High cost associated with deployment of digital identity solutions	80
5.3	USE CASES	80
5.3.1	USE CASE 1	80
5.3.2	USE CASE 2	81
5.3.3	USE CASE 3	82
5.3.4	USE CASE 4	82
5.3.5	USE CASE 5	83
5.3.6	USE CASE 6	83
5.3.7	USE CASE 7	84
5.4	VALUE CHAIN ANALYSIS	84
FIGURE 19 DIGITAL IDENTITY SOLUTIONS MARKET: VALUE CHAIN		
5.5	MARKET ECOSYSTEM	86
FIGURE 20 ECOSYSTEM: DIGITAL IDENTITY SOLUTIONS MARKET		
5.6	PORTER'S FIVE FORCES MODEL ANALYSIS	87
FIGURE 21 PORTER'S FIVE FORCES ANALYSIS: DIGITAL IDENTITY SOLUTIONS MARKET		
TABLE 5 PORTER'S FIVE FORCES IMPACT ANALYSIS		
5.6.1	THREAT OF NEW ENTRANTS	88
5.6.2	BARGAINING POWER OF SUPPLIERS	88
5.6.3	BARGAINING POWER OF BUYERS	88
5.6.4	THREAT OF SUBSTITUTES	89
5.6.5	INTENSITY OF COMPETITIVE RIVALRY	89
5.7	INDICATIVE PRICING ANALYSIS	89
5.7.1	INDICATIVE PRICING/PRICING MODELS OF KEY PLAYERS	90
5.7.1.1	Microsoft	90
TABLE 6 MICROSOFT SOFTWARE PRICE		
5.7.1.2	IBM Security Verify Software	90
TABLE 7 IBM SECURITY VERIFY SOFTWARE PRICE		
5.7.1.3	OneSpan	91
TABLE 8 ONESPAN DIGITAL IDENTITY SOLUTION PRICE		
5.7.1.4	Duo Security	91
TABLE 9 DUO SECURITY PRICE		

5.8	TECHNOLOGY ANALYSIS	91
5.8.1	BLOCKCHAIN	92
5.8.1.1	Biometrics and blockchain	92
5.8.2	AUTHENTICATION	92
5.8.2.1	Out-of-band authentication	92
5.8.2.2	Baked-in authentication	92
5.8.2.3	Facial liveness	93
5.8.3	AI/ML	93
5.9	PATENT ANALYSIS	94
FIGURE 22	LIST OF MAJOR PATENTS FOR DIGITAL IDENTITY SOLUTIONS MARKET	94
TABLE 10	LIST OF PATENTS IN DIGITAL IDENTITY SOLUTIONS MARKET, 2022	95
5.10	TRENDS AND DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS	96
FIGURE 23	DIGITAL IDENTITY SOLUTIONS MARKET: TRENDS AND DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS	96
5.11	TECHNOLOGY ROADMAP	97
TABLE 11	DIGITAL IDENTITY SOLUTIONS: TECHNOLOGY ROADMAP	97
5.12	BUSINESS MODEL	98
TABLE 12	DIGITAL IDENTITY SOLUTIONS: BUSINESS MODEL	98
5.13	EVOLUTION OF DIGITAL IDENTITY SOLUTIONS	99
5.14	REGULATORY LANDSCAPE	100
5.14.1	GENERAL DATA PROTECTION REGULATION	100
5.14.2	ELECTRONIC IDENTIFICATION, AUTHENTICATION, AND TRUST SERVICES	100
5.14.3	FEDERAL INFORMATION PROCESSING STANDARDS	100
5.14.4	ESSB 6280	100
5.14.5	PERSONAL INFORMATION PROTECTION AND ELECTRONIC DOCUMENTS ACT	101
5.14.6	CRIMINAL JUSTICE INFORMATION SYSTEM SECURITY POLICY	101
5.14.7	FFIEC AUTHENTICATION IN INTERNET BANKING ENVIRONMENT GUIDANCE	101
5.14.8	KNOW YOUR CUSTOMER	101
5.14.9	ANTI-MONEY LAUNDERING	101
5.14.10	FAIR AND ACCURATE CREDIT TRANSACTION ACT	102
5.14.11	IDENTITY THEFT RED FLAGS	102
5.14.12	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	102
TABLE 13	LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	102
5.15	KEY STAKEHOLDERS AND BUYING CRITERIA	103
5.15.1	KEY STAKEHOLDERS IN BUYING PROCESS	103
FIGURE 24	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS	103
TABLE 14	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS	103
5.15.2	BUYING CRITERIA	103
FIGURE 25	KEY BUYING CRITERIA FOR TOP THREE VERTICALS	103
5.16	KEY CONFERENCES AND EVENTS IN 2023	104
TABLE 15	DIGITAL IDENTITY SOLUTIONS MARKET: LIST OF CONFERENCES AND EVENTS, 2023	104
6	DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING	105
6.1	INTRODUCTION	106
FIGURE 26	SERVICES SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD	106
TABLE 16	DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	106
TABLE 17	DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	106
6.2	SOLUTIONS	107
6.2.1	CUSTOMIZED SOLUTIONS TO CATER TO TAILOR-MADE SPECIFICATIONS	107

6.2.2 SOLUTIONS: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS 107

TABLE 18 SOLUTIONS: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 107

TABLE 19 SOLUTIONS: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 108

TABLE 20 DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION) 108

TABLE 21 DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION) 108

FIGURE 27 SOFTWARE SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD 109

6.2.3 HARDWARE 109

TABLE 22 HARDWARE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 109

TABLE 23 HARDWARE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 110

6.2.4 SOFTWARE 110

TABLE 24 SOFTWARE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 110

TABLE 25 SOFTWARE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 111

6.3 SERVICES 111

6.3.1 SERVICES TO ENABLE SMOOTH FUNCTIONING OF ASSOCIATED SOLUTIONS 111

6.3.2 SERVICES: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS 111

TABLE 26 SERVICES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 112

TABLE 27 SERVICES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 112

7 DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE 113

7.1 INTRODUCTION 114

FIGURE 28 AUTHENTICATION SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD 114

TABLE 28 DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION) 114

TABLE 29 DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION) 115

7.2 IDENTITY VERIFICATION 115

7.2.1 IDENTITY VERIFICATION TO SIMPLIFY CROSS-VERIFICATION PROCESS 115

7.2.2 IDENTITY VERIFICATION: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS 116

TABLE 30 IDENTITY VERIFICATION: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 116

TABLE 31 IDENTITY VERIFICATION: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 116

7.3 AUTHENTICATION 117

7.3.1 AUTHENTICATION TO ENHANCE VALIDATION PROCESS 117

7.3.2 AUTHENTICATION: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS 117

TABLE 32 AUTHENTICATION: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 117

TABLE 33 AUTHENTICATION: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 118

FIGURE 29 MULTI-FACTOR AUTHENTICATION SEGMENT TO GROW AT HIGHER CAGR DURING FORECAST PERIOD 118

TABLE 34 DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION) 119

TABLE 35 DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION) 119

7.3.3 SINGLE-FACTOR AUTHENTICATION 119

TABLE 36 SINGLE-FACTOR AUTHENTICATION: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 120

TABLE 37 SINGLE-FACTOR AUTHENTICATION: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 120

7.3.4 MULTI-FACTOR AUTHENTICATION 120

TABLE 38 MULTI-FACTOR AUTHENTICATION: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 121

TABLE 39 MULTI-FACTOR AUTHENTICATION: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 121

7.4 IDENTITY LIFECYCLE MANAGEMENT 121

7.4.1 IDENTITY LIFECYCLE MANAGEMENT TO COMPLEMENT CHANGING BUSINESS REQUIREMENTS 121

7.4.2 IDENTITY LIFECYCLE MANAGEMENT: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS 122

TABLE 40 IDENTITY LIFECYCLE MANAGEMENT: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION) 122

TABLE 41 IDENTITY LIFECYCLE MANAGEMENT: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION) 123

7.5 OTHER SOLUTION TYPES 123

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 42	OTHER SOLUTION TYPES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	123
TABLE 43	OTHER SOLUTION TYPES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	124
8	DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE	125
8.1	INTRODUCTION	126
FIGURE 30	BIOMETRIC TO ACCOUNT FOR LARGER SHARE DURING FORECAST PERIOD	126
TABLE 44	DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	126
TABLE 45	DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	126
8.2	BIOMETRIC	127
8.2.1	BIOMETRIC AUTHENTICATION TO ENCAPSULATE SECURITY ASPECT	127
8.2.2	BIOMETRIC: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	127
TABLE 46	BIOMETRIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	127
TABLE 47	BIOMETRIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	127
8.3	NON-BIOMETRIC	128
8.3.1	NON-BIOMETRIC TO EASE ENTITLEMENT PROVISIONS	128
8.3.2	NON-BIOMETRIC: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	128
TABLE 48	NON-BIOMETRIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	128
TABLE 49	NON-BIOMETRIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	129
9	DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE	130
9.1	INTRODUCTION	131
FIGURE 31	SMES TO RECORD HIGHER CAGR DURING FORECAST PERIOD	131
TABLE 50	DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	131
TABLE 51	DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	132
9.2	SMES	132
9.2.1	BUDGET CONSTRAINTS TO RESTRAIN ADOPTION OF DIGITAL IDENTITY SOLUTIONS AMONG SMES	132
9.2.2	SMES: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	132
TABLE 52	SMES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	133
TABLE 53	SMES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	133
9.3	LARGE ENTERPRISES	133
9.3.1	IMPORTANCE OF DETECTING RISK OUTLIERS TO DRIVE DEMAND FOR DIS AMONG LARGE ENTERPRISES	133
9.3.2	LARGE ENTERPRISES: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	134
TABLE 54	LARGE ENTERPRISES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	134
TABLE 55	LARGE ENTERPRISES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	134
10	DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL	135
10.1	INTRODUCTION	136
FIGURE 32	RETAIL AND ECOMMERCE AND HEALTHCARE TO RECORD HIGHEST GROWTH RATES DURING FORECAST PERIOD	136
TABLE 56	DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	137
TABLE 57	DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	137
10.2	BFSI	138
10.2.1	DIS TO ENABLE SECURITY OF FINANCIAL SERVICES AND TRANSACTIONS	138
10.2.2	BFSI: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	138
TABLE 58	BFSI: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	138
TABLE 59	BFSI: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	139
10.3	RETAIL AND ECOMMERCE	139
10.3.1	DIS TO ENHANCE BUSINESS STABILITY AND ADDRESS RISING COMPETITION	139
10.3.2	RETAIL AND ECOMMERCE: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	139
TABLE 60	RETAIL AND ECOMMERCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	140
TABLE 61	RETAIL AND ECOMMERCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	140

10.4	GOVERNMENT AND DEFENSE	141
10.4.1	DIS TO EMPOWER GOVERNMENT AND DEFENSE SECURITY	141
10.4.2	GOVERNMENT AND DEFENSE: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	141
TABLE 62	GOVERNMENT AND DEFENSE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	141
TABLE 63	GOVERNMENT AND DEFENSE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	142
10.5	HEALTHCARE	142
10.5.1	DIS TO ENHANCE SECURITY AND EFFICIENCY IN DATA EXCHANGE IN HEALTHCARE VERTICAL	142
10.5.2	HEALTHCARE: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	142
TABLE 64	HEALTHCARE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	143
TABLE 65	HEALTHCARE: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	143
10.6	IT AND ITES	144
10.6.1	IT AND ITES TO BE EARLY ADOPTERS OF DIGITAL IDENTITY SOLUTIONS	144
10.6.2	IT AND ITES: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	144
TABLE 66	IT AND ITES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	144
TABLE 67	IT AND ITES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	145
10.7	TELECOMMUNICATIONS	145
10.7.1	TELECOMMUNICATIONS TO UNVEIL THE NEED FOR DIGITAL IDENTITY	145
10.7.2	TELECOMMUNICATIONS: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	146
TABLE 68	TELECOMMUNICATIONS: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	146
TABLE 69	TELECOMMUNICATIONS: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	146
10.8	ENERGY AND UTILITIES	147
10.8.1	DIGITAL IDENTITY SOLUTIONS TO PLAY IMPORTANT ROLE IN BUILDING AUTOMATED ENERGY SYSTEMS	147
10.8.2	ENERGY AND UTILITIES: DIGITAL IDENTITY SOLUTIONS MARKET DRIVERS	147
TABLE 70	ENERGY AND UTILITIES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	147
TABLE 71	ENERGY AND UTILITIES: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	148
10.9	OTHER VERTICALS	148
TABLE 72	OTHER VERTICALS: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	148
TABLE 73	OTHER VERTICALS: DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	149
11	DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION	150
11.1	INTRODUCTION	151
FIGURE 33	ASIA PACIFIC TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD	151
TABLE 74	DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2017-2022 (USD MILLION)	151
TABLE 75	DIGITAL IDENTITY SOLUTIONS MARKET, BY REGION, 2023-2028 (USD MILLION)	152
11.2	NORTH AMERICA	152
11.2.1	NORTH AMERICA: MARKET DRIVERS	152
11.2.2	NORTH AMERICA: RECESSION IMPACT	153
11.2.3	NORTH AMERICA: REGULATORY LANDSCAPE	153
FIGURE 34	NORTH AMERICA: MARKET SNAPSHOT	154
TABLE 76	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	154
TABLE 77	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	155
TABLE 78	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	155
TABLE 79	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	155
TABLE 80	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	156
TABLE 81	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	156
TABLE 82	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	156
TABLE 83	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	157
TABLE 84	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	157

TABLE 85	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	157
TABLE 86	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	157
TABLE 87	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	158
TABLE 88	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	158
TABLE 89	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	159
TABLE 90	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY COUNTRY, 2017-2022 (USD MILLION)	159
TABLE 91	NORTH AMERICA: DIGITAL IDENTITY SOLUTIONS MARKET, BY COUNTRY, 2023-2028 (USD MILLION)	159
11.2.4	US	160
11.2.4.1	Fragmented identity management process in US to drive market growth	160
TABLE 92	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	160
TABLE 93	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	160
TABLE 94	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	161
TABLE 95	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	161
TABLE 96	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	161
TABLE 97	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	162
TABLE 98	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	162
TABLE 99	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	162
TABLE 100	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	163
TABLE 101	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	163
TABLE 102	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	163
TABLE 103	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	163
TABLE 104	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	164
TABLE 105	US: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	164
11.2.5	CANADA	164
11.2.5.1	Digital identity initiatives taken by government and private organizations to advance ecosystem	164
TABLE 106	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	165
TABLE 107	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	165
TABLE 108	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	165
TABLE 109	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	166
TABLE 110	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	166
TABLE 111	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	166
TABLE 112	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	167
TABLE 113	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	167
TABLE 114	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	167
TABLE 115	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	167
TABLE 116	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	168
TABLE 117	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	168
TABLE 118	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	168
TABLE 119	CANADA: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	169
11.3	EUROPE	169
11.3.1	EUROPE: MARKET DRIVERS	170
11.3.2	EUROPE: RECESSION IMPACT	170
11.3.3	EUROPE: REGULATORY LANDSCAPE	170
TABLE 120	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	171
TABLE 121	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	171
TABLE 122	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	171
TABLE 123	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	171

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 124	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	172
TABLE 125	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	172
TABLE 126	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	172
TABLE 127	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	173
TABLE 128	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	173
TABLE 129	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	173
TABLE 130	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	173
TABLE 131	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	174
TABLE 132	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	174
TABLE 133	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	175
TABLE 134	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY COUNTRY, 2017-2022 (USD MILLION)	175
TABLE 135	EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY COUNTRY, 2023-2028 (USD MILLION)	175

11.3.4 UK 176

11.3.4.1 Government initiatives to drive digital identity solutions market 176

TABLE 136	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	176
TABLE 137	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	176
TABLE 138	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	177
TABLE 139	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	177
TABLE 140	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	177
TABLE 141	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	178
TABLE 142	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	178
TABLE 143	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	178
TABLE 144	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	179
TABLE 145	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	179
TABLE 146	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	179
TABLE 147	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	179
TABLE 148	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	180
TABLE 149	UK: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	180

11.3.5 GERMANY 180

11.3.5.1 Adoption of digital IDs by Germany's automobile sector to drive market growth 180

TABLE 150	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	181
TABLE 151	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	181
TABLE 152	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	181
TABLE 153	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	182
TABLE 154	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	182
TABLE 155	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	182
TABLE 156	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	183
TABLE 157	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	183
TABLE 158	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	183
TABLE 159	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	183
TABLE 160	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	184
TABLE 161	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	184
TABLE 162	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	184
TABLE 163	GERMANY: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	185

11.3.6 FRANCE 185

11.3.6.1 Smartphone-based extension of user's national identity card launched in France 185

TABLE 164	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	185
-----------	---	-----

TABLE 165	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	186
TABLE 166	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	186
TABLE 167	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	186
TABLE 168	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	187
TABLE 169	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	187
TABLE 170	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	187
TABLE 171	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	188
TABLE 172	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	188
TABLE 173	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	188
TABLE 174	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	188
TABLE 175	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	189
TABLE 176	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	189
TABLE 177	FRANCE: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	190
11.3.7		
TABLE 178	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	190
TABLE 179	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	191
TABLE 180	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	191
TABLE 181	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	191
TABLE 182	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	192
TABLE 183	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	192
TABLE 184	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	192
TABLE 185	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	193
TABLE 186	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	193
TABLE 187	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	193
TABLE 188	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	193
TABLE 189	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	194
TABLE 190	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	194
TABLE 191	REST OF EUROPE: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	195
11.4		
ASIA PACIFIC		
11.4.1		
ASIA PACIFIC: MARKET DRIVERS		
11.4.2		
ASIA PACIFIC: RECESSION IMPACT		
11.4.3		
ASIA PACIFIC: REGULATORY LANDSCAPE		
FIGURE 35		
ASIA PACIFIC: MARKET SNAPSHOT		
TABLE 192	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION)	197
TABLE 193	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION)	198
TABLE 194	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION)	198
TABLE 195	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION)	198
TABLE 196	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION)	199
TABLE 197	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	199
TABLE 198	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION)	199
TABLE 199	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION)	200
TABLE 200	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION)	200
TABLE 201	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION)	200
TABLE 202	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION)	200
TABLE 203	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION)	201
TABLE 204	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION)	201
TABLE 205	ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	202

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 206 ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY COUNTRY, 2017-2022 (USD MILLION) 202

TABLE 207 ASIA PACIFIC: DIGITAL IDENTITY SOLUTIONS MARKET, BY COUNTRY, 2023-2028 (USD MILLION) 203

11.4.4 CHINA 203

11.4.4.1 Implementing technologies, such as blockchain, cryptography, and AI, to drive market growth 203

TABLE 208 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2017-2022 (USD MILLION) 203

TABLE 209 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY OFFERING, 2023-2028 (USD MILLION) 204

TABLE 210 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2017-2022 (USD MILLION) 204

TABLE 211 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION, 2023-2028 (USD MILLION) 204

TABLE 212 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2017-2022 (USD MILLION) 205

TABLE 213 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION) 205

TABLE 214 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2017-2022 (USD MILLION) 205

TABLE 215 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY AUTHENTICATION TYPE, 2023-2028 (USD MILLION) 206

TABLE 216 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2017-2022 (USD MILLION) 206

TABLE 217 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY IDENTITY TYPE, 2023-2028 (USD MILLION) 206

TABLE 218 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2017-2022 (USD MILLION) 206

TABLE 219 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY ORGANIZATION SIZE, 2023-2028 (USD MILLION) 207

TABLE 220 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2017-2022 (USD MILLION) 207

TABLE 221 CHINA: DIGITAL IDENTITY SOLUTIONS MARKET, BY VERTICAL, 2023-2028 (USD MILLION) 207

Digital Identity Solutions Market by Offering (Solutions, Services), Software, Solution Type (Identity Verification, Authentication), Authentication Type, Identity Type, Organization Size, Vertical and Region - Global Forecast to 2028

Market Report | 2023-07-10 | 327 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

www.scotts-international.com