

Automated Border Control Market by Hardware (Document Authentication System, Biometric Verification System (Facial & Iris Recognition)), Software, Solution Type (Automated Boarding E-gates, Security Checkpoint E-gates, Kiosks) - Global Forecast to 2028

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Report description:

The global automated border control market size is expected to grow from USD 2.1 billion in 2023 to USD 3.9 billion by 2028, at a CAGR of 13.3%. The key factors driving the automated border control market growth are the growing travel and tourism industry owing to the increase in international passenger traffic and rising security concerns across all modes of transport.

"ABC Kiosks segment to hold considerable growth rate from 2023-2028"

Automated border control (ABC) kiosks are self-service systems that scan passengers' travel documents and answer their security-related queries, thus optimizing the recognition system's performance at border crossing points (BCPs). The demand for ABC kiosks is rising rapidly as these systems provide ease in verifying travel documents and authenticating travelers' identities across all modes of transport.

"Software segment holds the considerable share of automated border control during the forecast period"

Software in the automated border control system processes and analyses biometric data captured from travelers, such as facial images, fingerprints, or iris scans. It applies an algorithm to extract and compare unique biometric features, enabling identity verification and matching against databases of known individuals or watchlists. Based on the processed data and watchlist matching results, the software component enables real-time decision-making at the border. The demand for software components in the automated border control system is expected to increase owing to the growing need for more sophisticated identity verification and security measures.

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"Airports segment holds the largest share of automated border control market in 2022"

The airports segment dominated the automated border control market in 2022 and is expected to remain the same during the forecast period. Implementing automated border control systems at airports helps the authorities streamline processes and minimize the need for manual intervention. This can result in optimizing staff allocation and potentially decrease the number of personnel required for traditional passport control. Additionally, the number of air travelers has been steadily increasing over the years, and this trend is expected to continue. Automated border control systems offer a scalable solution to handle the growing passenger volumes without compromising security or efficiency. All these factors are responsible for the segmental growth.

Asia Pacific is expected to capture the largest market growth rate during the forecast period

Asia Pacific is expected to hold the largest CAGR of the global automated border control market from 2023-2028. The automated border control market in APAC is gaining pace in the last few years. The major factor driving the growth of the automated border control market in APAC is the growing tourism industry. The rise in international travel, both for business and tourism purposes, has put pressure on border control authorities to process a large number of travelers efficiently while maintaining stringent security measures. Automated border control systems offer a solution to address this challenge. By implementing technologies such as biometric verification, document authentication, and self-service kiosks, these systems expedite the immigration process, reduce waiting times, and enhance overall border management efficiency. They provide a seamless and convenient experience for travelers while ensuring accurate identity verification and screening for security purposes.

The break-up of the profiles of primary participants for the report has been given below:

-□By Company Type: Tier 1 = 52%, Tier 2 = 31%, and Tier 3 = 17%

-□By Designation: C-Level Executives = 47%, Directors = 31%, and Others= 22%

-□By Region: North America = 32%, Europe = 38%, Asia Pacific = 23%, and RoW = 06%

Major players operating in the automated border control market include Vision-Box (Portugal), SITA (Netherlands), Secunet Security Networks AG (Germany), IDEMIA (France), Thales (France), NEC Corporation (Japan), Indra Sistemas, S.A. (Spain), Gunnebo AB (Sweden), and HID Global Corporation (US), among others.

Research Coverage:

The research report on the global automated border control market covers the market based on border crossing procedure type, solution type, component, application, and region. Based on border crossing procedure type, the market has been segmented into one-step process, integrated two-step process, and segregated two-step process. Based on solution type, the market has been segmented into ABC E-Gates and ABC kiosks. The ABC E-Gates is further segmented into automated boarding e-gates and security checkpoint e-gates. Based on component, the market has been segmented into hardware, software, and services. Hardware segment is further segregated into document authentication system, biometric verification system, baggage scanner, and digital ID verification; whereas services is further segmented into installation and maintenance. Based on application, the market has been segmented into airports, seaports, and land ports. The report covers four major regions, namely, North America, Europe, Asia Pacific (APAC), and Rest of the World (RoW).

Key Benefits of Buying the Report:

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

The report provides insights on the following pointers:

-□Analysis of key drivers (Rise in number of international passengers to propel travel and tourism industry. Growing security

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concerns at land ports, airports, and seaports), restraints (Lack of security standardization across different systems and countries. High initial implementation cost for automated border control systems), opportunities (Growing implementation of digital ID verification systems by governments and transportation organizations. Rising integration of artificial intelligence in automated border control systems.), and challenges (Rising risk of cyberattacks on automated border control systems in transportation industry) influencing the growth of the automated border control market

-□Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the automated border control market

-□Market Development: Comprehensive information about lucrative markets - the report analyses the automated border control market across varied regions

-□Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the automated border control market

-□Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Vision-Box (Portugal), SITA (Netherlands), Secunet Security Networks AG (Germany), IDEMIA (France), and Thales (France), among others in the automated border control market

Table of Contents:

1□INTRODUCTION□29

1.1□STUDY OBJECTIVES□29

1.2□MARKET DEFINITION□29

1.2.1□INCLUSIONS AND EXCLUSIONS□30

1.3□STUDY SCOPE□30

1.3.1□MARKETS COVERED□30

FIGURE 1□AUTOMATED BORDER CONTROL MARKET: MARKET SEGMENTATION□30

1.3.2□GEOGRAPHICAL SCOPE□31

1.3.3□YEARS CONSIDERED□31

1.4□CURRENCY CONSIDERED□32

1.5□RESEARCH LIMITATIONS□32

1.6□STAKEHOLDERS□32

1.7□SUMMARY OF CHANGES□33

2□RESEARCH METHODOLOGY□34

2.1□RESEARCH DATA□34

FIGURE 2□AUTOMATED BORDER CONTROL MARKET: RESEARCH DESIGN□34

2.1.1□SECONDARY AND PRIMARY RESEARCH□35

2.1.2□SECONDARY DATA□36

2.1.2.1□Major secondary sources□36

2.1.2.2□Key data from secondary sources□36

2.1.3□PRIMARY DATA□37

2.1.3.1□Primary interviews with experts□37

2.1.3.2□Key data from primary sources□38

2.1.3.3□Key industry insights□38

2.1.3.4□Breakdown of primaries□39

2.2□MARKET SIZE ESTIMATION□39

FIGURE 3□APPROACH (SUPPLY SIDE): REVENUE GENERATED THROUGH SALES OF PRODUCTS/SOLUTIONS/SERVICES FOR AUTOMATED BORDER CONTROL MARKET□40

2.2.1□BOTTOM-UP APPROACH□41

2.2.1.1□Approach for arriving at market size using bottom-up analysis□41

FIGURE 4□MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH□41

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2.2.2	TOP-DOWN APPROACH	42
2.2.2.1	Approach for capturing market sizing using top-down analysis	42
FIGURE 5	MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH	42
2.3	MARKET BREAKDOWN AND DATA TRIANGULATION	43
FIGURE 6	AUTOMATED BORDER CONTROL MARKET: DATA TRIANGULATION	43
?		
2.4	STUDY ASSUMPTIONS	44
FIGURE 7	STUDY ASSUMPTIONS IN AUTOMATED BORDER CONTROL MARKET	44
2.5	APPROACH TO UNDERSTANDING IMPACT OF RECESSION ON AUTOMATED BORDER CONTROL MARKET	44
2.6	RESEARCH LIMITATIONS AND RISK ASSESSMENT	45
TABLE 1	RESEARCH LIMITATIONS AND ASSOCIATED RISKS	45
3	EXECUTIVE SUMMARY	46
FIGURE 8	ABC E-GATES SEGMENT TO HOLD LARGEST CAGR DURING FORECAST PERIOD	46
FIGURE 9	HARDWARE SEGMENT TO ACCOUNT FOR LARGEST MARKET SIZE IN 2023	47
FIGURE 10	AIRPORTS SEGMENT TO DOMINATE AUTOMATED BORDER CONTROL MARKET IN 2023	47
FIGURE 11	EUROPEAN AUTOMATED BORDER CONTROL MARKET TO HOLD LARGEST MARKET SHARE IN 2023	48
4	PREMIUM INSIGHTS	49
4.1	ATTRACTIVE GROWTH OPPORTUNITIES IN AUTOMATED BORDER CONTROL MARKET	49
FIGURE 12	RIISING NUMBER OF INTERNATIONAL TRAVELERS TO DRIVE IMPLEMENTATION OF AUTOMATED BORDER CONTROL SYSTEMS	49
4.2	AUTOMATED BORDER CONTROL MARKET, BY TYPE	49
FIGURE 13	ABC E-GATES SEGMENT TO HOLD LARGEST MARKET SHARE IN 2023	49
4.3	AUTOMATED BORDER CONTROL MARKET, BY COMPONENT	50
FIGURE 14	HARDWARE SEGMENT TO ACCOUNT FOR HIGHEST CAGR DURING FORECAST PERIOD	50
4.4	AUTOMATED BORDER CONTROL MARKET, BY APPLICATION	50
FIGURE 15	AIRPORTS SEGMENT TO DOMINATE AUTOMATED BORDER CONTROL MARKET IN 2023	50
4.5	AUTOMATED BORDER CONTROL MARKET, BY REGION	51
FIGURE 16	ASIA PACIFIC TO POSSESS HIGHEST CAGR DURING STUDY PERIOD	51
5	MARKET OVERVIEW	52
5.1	INTRODUCTION	52
5.2	MARKET DYNAMICS	52
FIGURE 17	AUTOMATED BORDER CONTROL MARKET DYNAMICS	52
5.2.1	DRIVERS	53
5.2.1.1	Increasing number of international passengers traveling across borders	53
5.2.1.2	Growing security concerns at land ports, airports, and seaports	53
FIGURE 18	IMPACT OF DRIVERS ON AUTOMATED BORDER CONTROL MARKET	54
5.2.2	RESTRAINTS	54
5.2.2.1	Lack of security standardization across different systems and countries	54
5.2.2.2	High initial implementation cost for automated border control systems	55
FIGURE 19	IMPACT OF RESTRAINTS ON AUTOMATED BORDER CONTROL MARKET	56
5.2.3	OPPORTUNITIES	56
5.2.3.1	Growing implementation of digital ID verification systems by governments and transportation organizations	56
5.2.3.2	Rising integration of artificial intelligence in automated border control systems	56
FIGURE 20	IMPACT OF OPPORTUNITIES ON AUTOMATED BORDER CONTROL MARKET	57
5.2.4	CHALLENGES	57
5.2.4.1	Rising risk of cyberattacks on automated border control systems in transportation industry	57
FIGURE 21	IMPACT OF CHALLENGES ON AUTOMATED BORDER CONTROL MARKET	58

5.3	VALUE CHAIN ANALYSIS	58
FIGURE 22	AUTOMATED BORDER CONTROL MARKET: VALUE CHAIN ANALYSIS	58
5.4	ECOSYSTEM ANALYSIS	59
FIGURE 23	AUTOMATED BORDER CONTROL MARKET: ECOSYSTEM ANALYSIS	60
TABLE 2	AUTOMATED BORDER CONTROL MARKET: ECOSYSTEM ANALYSIS	60
5.5	PRICING ANALYSIS	61
TABLE 3	AVERAGE SELLING PRICE OF AUTOMATED BORDER CONTROL SYSTEMS, BY SOLUTION TYPE (USD)	61
5.6	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	62
FIGURE 24	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	62
5.7	TECHNOLOGY ANALYSIS	62
5.7.1	ARTIFICIAL INTELLIGENCE	62
5.7.2	INTERNET OF THINGS	63
5.7.3	BLOCKCHAIN TECHNOLOGY	63
5.8	PORTER'S FIVE FORCES ANALYSIS	64
FIGURE 25	AUTOMATED BORDER CONTROL MARKET: PORTER'S FIVE FORCES ANALYSIS (2022)	64
5.8.1	BARGAINING POWER OF SUPPLIERS	64
5.8.2	BARGAINING POWER OF BUYERS	65
5.8.3	THREAT OF NEW ENTRANTS	65
5.8.4	THREAT OF SUBSTITUTES	65
5.8.5	INTENSITY OF COMPETITIVE RIVALRY	65
5.9	KEY STAKEHOLDERS AND BUYING CRITERIA	66
5.9.1	KEY STAKEHOLDERS IN BUYING PROCESS	66
FIGURE 26	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE APPLICATIONS	66
TABLE 4	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP THREE APPLICATIONS (%)	66
5.9.2	BUYING CRITERIA	67
FIGURE 27	KEY BUYING CRITERIA FOR TOP THREE APPLICATIONS	67
TABLE 5	KEY BUYING CRITERIA FOR TOP 3 APPLICATIONS	67
5.10	CASE STUDY ANALYSIS	68
5.10.1	M2SYS TECHNOLOGY PROVIDED BIOMETRIC FINGERPRINT IDENTIFICATION TECHNOLOGY TO SULAYMANIYAH PROVINCE	68
5.10.2	IDEMIA PROVIDED MULTI-BIOMETRIC ENTRY/EXIT SYSTEM TO FIVE INTERNATIONAL AIRPORTS IN UAE	68
5.10.3	SITA TO PROVIDE E-GATES FOR PHILADELPHIA INTERNATIONAL AIRPORT	69
5.11	TRADE ANALYSIS	69
FIGURE 28	IMPORT DATA FOR HS CODE 8471, BY KEY COUNTRY, 2017-2021 (USD MILLION)	69
FIGURE 29	EXPORT DATA FOR HS CODE 8471, BY KEY COUNTRY, 2017-2021 (USD MILLION)	70
5.12	PATENT ANALYSIS	70
FIGURE 30	TOP 10 COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS IN LAST 10 YEARS	70
FIGURE 31	NUMBER OF PATENTS GRANTED PER YEAR, 2013-2022	71
TABLE 6	TOP 20 PATENT OWNERS IN LAST 10 YEARS	71
TABLE 7	LIST OF MAJOR PATENTS (2020-2022)	72
5.13	KEY CONFERENCES AND EVENTS, 2023-2024	73
TABLE 8	AUTOMATED BORDER CONTROL MARKET: DETAILED LIST OF KEY CONFERENCES AND EVENTS (2023-2024)	73
5.14	TARIFF AND REGULATORY LANDSCAPE	75
5.14.1	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	75
TABLE 9	NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	75
TABLE 10	EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	76
TABLE 11	ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	76
TABLE 12	REST OF THE WORLD: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	77

5.14.2 MARKET REGULATION AND STANDARDS 77

TABLE 13 REGULATIONS AND STANDARDS FOR AUTOMATED BORDER CONTROL MARKET 77

6 AUTOMATED BORDER CONTROL MARKET, BY BORDER CROSSING PROCEDURE TYPE 79

6.1 INTRODUCTION 79

FIGURE 32 AUTOMATED BORDER CONTROL MARKET, BY BORDER CROSSING PROCEDURE TYPE 79

6.2 ONE-STEP PROCESS 79

6.2.1 ONE-STEP PROCESS TO VERIFY DOCUMENTS, IDENTITY, AND AUTHORIZATION OF TRAVELERS SIMULTANEOUSLY AT E-GATES 79

6.3 INTEGRATED TWO-STEP PROCESS 80

6.3.1 INTEGRATED TWO-STEP PROCESS TO BE HIGHLY EFFICIENT AS COMPARED TO TRADITIONAL MANUAL CHECKS 80

6.4 SEGREGATED TWO-STEP PROCESS 80

6.4.1 SEGREGATED TWO-STEP PROCESS TO EFFECTIVELY OPTIMIZE FLOW OF PASSENGERS 80

7 AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE 81

7.1 INTRODUCTION 82

FIGURE 33 AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE 82

FIGURE 34 ABC E-GATES DOMINATED THE MARKET IN 2023 82

TABLE 14 AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION) 83

TABLE 15 AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION) 83

7.2 ABC E-GATES 83

7.2.1 RISING ADOPTION OF ABC E-GATES AT AIRPORTS FOR GREATER SECURITY TO DRIVE MARKET 83

7.2.1.1 Automated boarding e-gates 84

7.2.1.2 Security checkpoint e-gates 84

TABLE 16 AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY APPLICATION, 2019-2022 (USD MILLION) 84

TABLE 17 AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY APPLICATION, 2023-2028 (USD MILLION) 84

TABLE 18 AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY REGION, 2019-2022 (USD MILLION) 85

TABLE 19 AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY REGION, 2023-2028 (USD MILLION) 85

TABLE 20 NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY COUNTRY, 2019-2022 (USD MILLION) 85

TABLE 21 NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY COUNTRY, 2023-2028 (USD MILLION) 86

TABLE 22 EUROPE: AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY COUNTRY, 2019-2022 (USD MILLION) 86

TABLE 23 EUROPE: AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY COUNTRY, 2023-2028 (USD MILLION) 86

TABLE 24 ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY COUNTRY, 2019-2022 (USD MILLION) 87

TABLE 25 ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY COUNTRY, 2023-2028 (USD MILLION) 87

TABLE 26 REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY COUNTRY, 2019-2022 (USD MILLION) 87

TABLE 27 REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET FOR ABC E-GATES, BY COUNTRY, 2023-2028 (USD MILLION) 88

7.3 ABC KIOSKS 88

7.3.1 FAST, EFFICIENT, AND SECURE PROCESSES FOR PASSENGERS AND BORDER CONTROL AUTHORITIES TO PROPEL MARKET 88

TABLE 28 AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY APPLICATION, 2019-2022 (USD MILLION) 89

TABLE 29 AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY APPLICATION, 2023-2028 (USD MILLION) 89

TABLE 30 AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY REGION, 2019-2022 (USD MILLION) 89

TABLE 31 AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY REGION, 2023-2028 (USD MILLION) 90

TABLE 32 NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY COUNTRY, 2019-2022 (USD MILLION) 90

TABLE 33 NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY COUNTRY, 2023-2028 (USD MILLION) 90

TABLE 34 EUROPE: AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY COUNTRY, 2019-2022 (USD MILLION) 91

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TABLE 35	EUROPE: AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY COUNTRY, 2023-2028 (USD MILLION)	91
TABLE 36	ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY COUNTRY, 2019-2022 (USD MILLION)	91
TABLE 37	ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY COUNTRY, 2023-2028 (USD MILLION)	92
TABLE 38	REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY COUNTRY, 2019-2022 (USD MILLION)	92
TABLE 39	REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET FOR ABC KIOSKS, BY COUNTRY, 2023-2028 (USD MILLION)	92
8	AUTOMATED BORDER CONTROL MARKET, BY COMPONENT	93
8.1	INTRODUCTION	94
FIGURE 35	AUTOMATED BORDER CONTROL MARKET, BY COMPONENT	94
FIGURE 36	HARDWARE SEGMENT TO DOMINATE AUTOMATED BORDER CONTROL MARKET IN 2023	94
TABLE 40	AUTOMATED BORDER CONTROL MARKET, BY COMPONENT, 2019-2022 (USD MILLION)	95
TABLE 41	AUTOMATED BORDER CONTROL MARKET, BY COMPONENT, 2023-2028 (USD MILLION)	95
8.2	HARDWARE	95
8.2.1	RIISING DEMAND FOR ENHANCED BORDER SECURITY TO BOOST SEGMENT	95
8.2.1.1	Document authentication system	95
8.2.1.1.1	Optical character recognition	96
8.2.1.1.2	Barcode reader	96
8.2.1.1.3	Signature scanner	97
8.2.1.2	Biometric verification system	97
8.2.1.2.1	Face recognition	97
8.2.1.2.2	Fingerprint recognition	98
8.2.1.2.3	Iris recognition	98
8.2.1.2.4	Other biometric verification systems	99
8.2.1.3	Baggage scanner	99
8.2.1.3.1	RFID tags	100
8.2.1.4	Digital ID verification	100
TABLE 42	AUTOMATED BORDER CONTROL MARKET FOR HARDWARE, BY TYPE, 2019-2022 (USD MILLION)	101
TABLE 43	AUTOMATED BORDER CONTROL MARKET FOR HARDWARE, BY TYPE, 2023-2028 (USD MILLION)	101
TABLE 44	BIOMETRIC VERIFICATION SYSTEMS MARKET, BY TYPE, 2019-2022 (USD MILLION)	101
TABLE 45	BIOMETRIC VERIFICATION SYSTEMS MARKET, BY TYPE, 2023-2028 (USD MILLION)	102
8.3	SOFTWARE	102
8.3.1	DEVELOPMENT OF SOFTWARE TO INTEGRATE AND UTILIZE BIOMETRIC TECHNOLOGIES WITH AUTOMATED BORDER CONTROL SYSTEMS	102
8.4	SERVICES	103
8.4.1	SERVICES TO ENSURE SUCCESSFUL INSTALLATION AND MAINTENANCE OF AUTOMATED BORDER CONTROL SYSTEMS	103
8.4.1.1	Installation	103
8.4.1.2	Maintenance	103
TABLE 46	AUTOMATED BORDER CONTROL MARKET FOR SERVICES, BY TYPE, 2019-2022 (USD MILLION)	104
TABLE 47	AUTOMATED BORDER CONTROL MARKET FOR SERVICES, BY TYPE, 2023-2028 (USD MILLION)	104
9	AUTOMATED BORDER CONTROL MARKET, BY APPLICATION	105
9.1	INTRODUCTION	106
FIGURE 37	AUTOMATED BORDER CONTROL MARKET, BY APPLICATION	106
FIGURE 38	AIRPORTS TO RECORD HIGHEST CAGR IN AUTOMATED BORDER CONTROL MARKET DURING FORECAST PERIOD	106
TABLE 48	AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	107
TABLE 49	AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	107
9.2	AIRPORTS	107

9.2.1	RISING NUMBER OF INTERNATIONAL TRAVELERS TO INCREASE DEPLOYMENT OF AUTOMATED BORDER CONTROL SYSTEMS	107
TABLE 50	AUTOMATED BORDER CONTROL MARKET FOR AIRPORTS, BY REGION, 2019-2022 (USD MILLION)	108
TABLE 51	AUTOMATED BORDER CONTROL MARKET FOR AIRPORTS, BY REGION, 2023-2028 (USD MILLION)	108
9.3	SEAPORTS	109
9.3.1	AUTOMATED BORDER CONTROL SYSTEMS TO ENHANCE SECURITY, STREAMLINE OPERATIONS, AND FACILITATE MOVEMENT OF GOODS AND PASSENGERS	109
TABLE 52	AUTOMATED BORDER CONTROL MARKET FOR SEAPORTS, BY REGION, 2019-2022 (USD MILLION)	109
TABLE 53	AUTOMATED BORDER CONTROL MARKET FOR SEAPORTS, BY REGION, 2023-2028 (USD MILLION)	110
9.4	LAND PORTS	110
9.4.1	DEPLOYMENT OF AUTOMATED BORDER CONTROL SYSTEMS AT LAND CHECKPOINTS TO ENHANCE BORDER-CROSSING PROCESSES	110
TABLE 54	AUTOMATED BORDER CONTROL MARKET FOR LAND PORTS, BY REGION, 2019-2022 (USD MILLION)	111
TABLE 55	AUTOMATED BORDER CONTROL MARKET FOR LAND PORTS, BY REGION, 2023-2028 (USD MILLION)	111
?		
10	AUTOMATED BORDER CONTROL MARKET, BY REGION	112
10.1	INTRODUCTION	113
FIGURE 39	AUTOMATED BORDER CONTROL MARKET, BY REGION	113
FIGURE 40	GEOGRAPHICAL SNAPSHOT FOR AUTOMATED BORDER CONTROL MARKET	114
TABLE 56	AUTOMATED BORDER CONTROL MARKET, BY REGION, 2019-2022 (USD MILLION)	114
TABLE 57	AUTOMATED BORDER CONTROL MARKET, BY REGION, 2023-2028 (USD MILLION)	115
10.2	NORTH AMERICA	115
10.2.1	NORTH AMERICA: IMPACT OF ECONOMIC RECESSION	116
FIGURE 41	NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET SNAPSHOT	116
FIGURE 42	US TO DOMINATE NORTH AMERICAN AUTOMATED BORDER CONTROL MARKET IN 2023	117
TABLE 58	NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET, BY COUNTRY, 2019-2022 (USD MILLION)	117
TABLE 59	NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET, BY COUNTRY, 2023-2028 (USD MILLION)	117
TABLE 60	NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	118
TABLE 61	NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	118
TABLE 62	NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	118
TABLE 63	NORTH AMERICA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	118
10.2.2	US	119
10.2.2.1	US dominated North American automated border control market in 2022	119
TABLE 64	US: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	119
TABLE 65	US: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	119
10.2.3	CANADA	120
10.2.3.1	Increasing deployment of e-Gates at Canadian airports to propel market	120
TABLE 66	CANADA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	120
TABLE 67	CANADA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	121
10.2.4	MEXICO	121
10.2.4.1	Substantial increase in border traffic to drive market	121
TABLE 68	MEXICO: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	122
TABLE 69	MEXICO: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	122
?		
10.3	EUROPE	122
10.3.1	EUROPE: IMPACT OF ECONOMIC RECESSION	123
FIGURE 43	EUROPE: AUTOMATED BORDER CONTROL MARKET SNAPSHOT	123

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FIGURE 44	GERMANY TO DOMINATE EUROPEAN AUTOMATED BORDER CONTROL MARKET IN 2023	124
TABLE 70	EUROPE: AUTOMATED BORDER CONTROL, BY COUNTRY, 2019-2022 (USD MILLION)	124
TABLE 71	EUROPE: AUTOMATED BORDER CONTROL, BY COUNTRY, 2023-2028 (USD MILLION)	124
TABLE 72	EUROPE: AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	125
TABLE 73	EUROPE: AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	125
TABLE 74	EUROPE: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	125
TABLE 75	EUROPE: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	125
10.3.2	GERMANY	126
10.3.2.1	Deployment of automated border control systems at various ports to fuel market	126
TABLE 76	GERMANY: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	126
TABLE 77	GERMANY: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	127
10.3.3	UK	127
10.3.3.1	UK held second-largest share of automated border control market in 2022	127
TABLE 78	UK: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	127
TABLE 79	UK: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	128
10.3.4	FRANCE	128
10.3.4.1	Passport verification program by Government of France to increase deployment of e-Gates	128
TABLE 80	FRANCE: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	129
TABLE 81	FRANCE: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	129
10.3.5	ITALY	129
10.3.5.1	Increasing focus on strengthening border security due to growing irregular migrants to augment market	129
TABLE 82	ITALY: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	130
TABLE 83	ITALY: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	130
10.3.6	REST OF EUROPE	130
TABLE 84	REST OF EUROPE: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	131
TABLE 85	REST OF EUROPE: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	131
10.4	ASIA PACIFIC	131
10.4.1	ASIA PACIFIC: IMPACT OF ECONOMIC RECESSION	132
FIGURE 45	APAC PACIFIC: AUTOMATED BORDER CONTROL MARKET SNAPSHOT	132
FIGURE 46	INDIA TO ACCOUNT FOR LARGEST CAGR OF ASIA PACIFIC AUTOMATED BORDER CONTROL MARKET DURING STUDY PERIOD	133
TABLE 86	ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET, BY COUNTRY, 2019-2022 (USD MILLION)	133
TABLE 87	ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET, BY COUNTRY, 2023-2028 (USD MILLION)	134
TABLE 88	ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	134
TABLE 89	ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	134
TABLE 90	ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	135
TABLE 91	ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	135
10.4.2	CHINA	135
10.4.2.1	Increasing implementation of facial recognition technology to drive market	135
TABLE 92	CHINA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	136
TABLE 93	CHINA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	136
10.4.3	JAPAN	136
10.4.3.1	Increased commitment toward security improvement and overall travel experience for both residents and visitors to boost market	136
TABLE 94	JAPAN: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	137
TABLE 95	JAPAN: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	137
10.4.4	AUSTRALIA	137

10.4.4.1	Investment in SmartGates for border security and efficient immigration process to augment market	137
TABLE 96	AUSTRALIA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	138
TABLE 97	AUSTRALIA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	138
10.4.5	INDIA	138
10.4.5.1	Growing adoption of automated border control systems at various airports to aid market growth	138
TABLE 98	INDIA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	139
TABLE 99	INDIA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	139
?		
10.4.6	REST OF ASIA PACIFIC	139
TABLE 100	REST OF ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	140
TABLE 101	REST OF ASIA PACIFIC: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	140
10.5	REST OF THE WORLD	140
10.5.1	REST OF THE WORLD: IMPACT OF ECONOMIC RECESSION	141
FIGURE 47	MIDDLE EAST & AFRICA TO DOMINATE AUTOMATED BORDER CONTROL MARKET FOR REST OF THE WORLD SEGMENT IN 2023	141
TABLE 102	REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET, BY REGION, 2019-2022 (USD MILLION)	141
TABLE 103	REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET, BY REGION, 2023-2028 (USD MILLION)	141
TABLE 104	REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2019-2022 (USD MILLION)	142
TABLE 105	REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET, BY APPLICATION, 2023-2028 (USD MILLION)	142
TABLE 106	REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	142
TABLE 107	REST OF THE WORLD: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	142
10.5.2	MIDDLE EAST AND AFRICA	143
10.5.2.1	Increase in number of high-profile events, summits, and global conferences in UAE to fuel market	143
TABLE 108	MIDDLE EAST & AFRICA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	143
TABLE 109	MIDDLE EAST & AFRICA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	144
10.5.3	SOUTH AMERICA	144
10.5.3.1	Increasing installation of automated border control systems at entry points to expedite entry and exit processes	144
TABLE 110	SOUTH AMERICA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2019-2022 (USD MILLION)	144
TABLE 111	SOUTH AMERICA: AUTOMATED BORDER CONTROL MARKET, BY SOLUTION TYPE, 2023-2028 (USD MILLION)	145
11	COMPETITIVE LANDSCAPE	146
11.1	INTRODUCTION	146
TABLE 112	KEY DEVELOPMENTS IN AUTOMATED BORDER CONTROL MARKET (2019-2023)	146
11.2	REVENUE ANALYSIS OF KEY COMPANIES	148
FIGURE 48	AUTOMATED BORDER CONTROL MARKET: REVENUE ANALYSIS FOR KEY COMPANIES (2021)	148
11.3	MARKET SHARE ANALYSIS OF TOP PLAYERS, 2022	149
FIGURE 49	SHARE OF KEY PLAYERS IN AUTOMATED BORDER CONTROL MARKET (2022)	149
TABLE 113	AUTOMATED BORDER CONTROL MARKET: DEGREE OF COMPETITION	149
?		
11.4	COMPANY EVALUATION QUADRANT FOR KEY PLAYERS, 2022	151
11.4.1	STARS	151
11.4.2	EMERGING LEADERS	151
11.4.3	PERVASIVE PLAYERS	151
11.4.4	PARTICIPANTS	151
FIGURE 50	AUTOMATED BORDER CONTROL MARKET: COMPANY EVALUATION QUADRANT FOR KEY PLAYERS, 2022	152
11.5	COMPANY EVALUATION QUADRANT FOR START-UPS/SMES, 2022	153
11.5.1	PROGRESSIVE COMPANIES	153
11.5.2	RESPONSIVE COMPANIES	153

11.5.3	DYNAMIC COMPANIES	153
11.5.4	STARTING BLOCKS	153
FIGURE 51	AUTOMATED BORDER CONTROL MARKET: COMPANY EVALUATION QUADRANT FOR START-UPS/SMES, 2022	154
11.6	AUTOMATED BORDER CONTROL MARKET: COMPANY FOOTPRINT	155
TABLE 114	COMPANY FOOTPRINT, BY SOLUTION TYPE	155
TABLE 115	COMPANY FOOTPRINT, BY APPLICATION	156
TABLE 116	COMPANY FOOTPRINT, BY REGION	157
TABLE 117	OVERALL COMPANY FOOTPRINT	158
11.7	COMPETITIVE BENCHMARKING	159
TABLE 118	AUTOMATED BORDER CONTROL MARKET: DETAILED LIST OF KEY START-UPS/SMES	159
TABLE 119	AUTOMATED BORDER CONTROL MARKET: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES	160
11.8	COMPETITIVE SCENARIO AND TRENDS	160
11.8.1	KEY PRODUCT LAUNCHES AND DEVELOPMENTS	160
TABLE 120	AUTOMATED BORDER CONTROL MARKET: KEY PRODUCT LAUNCHES AND DEVELOPMENTS, JUNE 2022-MARCH 2023	160
11.8.2	KEY DEALS	161
TABLE 121	AUTOMATED BORDER CONTROL MARKET: KEY DEALS, FEBRUARY 2019-MARCH 2023	161
12	COMPANY PROFILES	165
12.1	KEY PLAYERS	165
	(Business Overview, Products/Services/Solutions Offered, Recent Developments and MnM View)*	
12.1.1	VISION-BOX	165
TABLE 122	VISION-BOX: COMPANY OVERVIEW	165
TABLE 123	VISION-BOX: PRODUCTS/SERVICES/SOLUTIONS OFFERED	166
12.1.2	SITA	169
TABLE 124	SITA: COMPANY OVERVIEW	169
TABLE 125	SITA: PRODUCTS/SERVICES/SOLUTIONS OFFERED	169
12.1.3	SECUNET SECURITY NETWORKS AG	172
TABLE 126	SECUNET SECURITY NETWORKS AG: COMPANY OVERVIEW	172
FIGURE 52	SECUNET SECURITY NETWORKS AG: COMPANY SNAPSHOT	173
TABLE 127	SECUNET SECURITY NETWORKS AG: PRODUCTS/SERVICES/SOLUTIONS OFFERED	173
12.1.4	IDEMIA	176
TABLE 128	IDEMIA: COMPANY OVERVIEW	176
FIGURE 53	IDEMIA: COMPANY SNAPSHOT	176
TABLE 129	IDEMIA: PRODUCTS/SERVICES/SOLUTIONS OFFERED	177
12.1.5	THALES	180
TABLE 130	THALES: COMPANY OVERVIEW	180
FIGURE 54	THALES: COMPANY SNAPSHOT	181
TABLE 131	THALES: PRODUCTS/SERVICES/SOLUTIONS OFFERED	181
12.1.6	NEC CORPORATION	184
TABLE 132	NEC CORPORATION: COMPANY OVERVIEW	184
FIGURE 55	NEC CORPORATION: COMPANY SNAPSHOT	185
TABLE 133	NEC CORPORATION: PRODUCTS/SERVICES/SOLUTIONS OFFERED	185
12.1.7	INDRA SISTEMAS, S.A.	187
TABLE 134	INDRA SISTEMAS, S.A.: COMPANY OVERVIEW	187
FIGURE 56	INDRA SISTEMAS, S.A.: COMPANY SNAPSHOT	188
TABLE 135	INDRA SISTEMAS, S.A.: PRODUCTS/SERVICES/SOLUTIONS OFFERED	188
12.1.8	GUNNEBO AB	189
TABLE 136	GUNNEBO AB: COMPANY OVERVIEW	189

FIGURE 57	GUNNEBO AB: COMPANY SNAPSHOT	189
TABLE 137	GUNNEBO AB: PRODUCTS/SERVICES/SOLUTIONS OFFERED	190
12.1.9	HID GLOBAL CORPORATION	191
TABLE 138	HID GLOBAL CORPORATION: COMPANY OVERVIEW	191
TABLE 139	HID GLOBAL CORPORATION: PRODUCTS/SERVICES/SOLUTIONS OFFERED	191
12.1.10	ATOS SE	193
TABLE 140	ATOS SE: COMPANY OVERVIEW	193
FIGURE 58	ATOS SE: COMPANY SNAPSHOT	194
TABLE 141	ATOS SE: PRODUCTS/SERVICES/SOLUTIONS OFFERED	194
12.1.11	DORMAKABA GROUP	195
TABLE 142	DORMAKABA GROUP: COMPANY OVERVIEW	195
FIGURE 59	DORMAKABA GROUP: COMPANY SNAPSHOT	196
TABLE 143	DORMAKABA GROUP: PRODUCTS/SERVICES/SOLUTIONS OFFERED	196
12.1.12	MORPHO DYS	198
TABLE 144	MORPHO DYS: COMPANY OVERVIEW	198
TABLE 145	MORPHO DYS: PRODUCTS/SERVICES/SOLUTIONS OFFERED	198
12.1.13	UNISYS	199
TABLE 146	UNISYS: COMPANY OVERVIEW	199
FIGURE 60	UNISYS: COMPANY SNAPSHOT	200
TABLE 147	UNISYS: PRODUCTS/SERVICES/SOLUTIONS OFFERED	200
* Business Overview, Products/Services/Solutions Offered, Recent Developments and MnM View might not be captured in case of unlisted companies.		
12.2	OTHER PLAYERS	202
12.2.1	BIOLINK SOLUTIONS	202
12.2.2	BIOID	203
12.2.3	COGNITEC SYSTEMS GMBH	203
12.2.4	DERMALOG IDENTIFICATION SYSTEMS GMBH	204
12.2.5	IER	205
12.2.6	INTERNATIONAL SECURITY TECHNOLOGY LTD.	206
12.2.7	M2SYS TECHNOLOGY	207
12.2.8	MAGNETIC AUTOCONTROL GMBH	208
12.2.9	MUHLBAUER GROUP	209
12.2.10	SECURIPORT	210
12.2.11	VERIDOS GMBH	211
12.2.12	ZETES	212
13	ADJACENT AND RELATED MARKETS	213
13.1	INTRODUCTION	213
13.2	RESEARCH LIMITATIONS OF ADJACENT MARKETS	213
13.3	ACCESS CONTROL MARKET, BY SYSTEM	214
13.3.1	INTRODUCTION	214
13.3.2	ACCESS CONTROL AS A SERVICE	214
TABLE 148	ACCESS CONTROL AS A SERVICE MARKET, BY TYPE, 2019-2022 (USD MILLION)	214
TABLE 149	ACCESS CONTROL AS A SERVICE MARKET, BY TYPE, 2023-2028 (USD MILLION)	215
TABLE 150	ACCESS CONTROL AS A SERVICE MARKET, BY VERTICAL, 2019-2022 (USD MILLION)	215
TABLE 151	ACCESS CONTROL AS A SERVICE MARKET, BY VERTICAL, 2023-2028 (USD MILLION)	216
TABLE 152	ACCESS CONTROL AS A SERVICE MARKET, BY REGION, 2019-2022 (USD MILLION)	216
TABLE 153	ACCESS CONTROL AS A SERVICE MARKET, BY REGION, 2023-2028 (USD MILLION)	216

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13.4	HOSTED ACAAS	217
13.4.1	QUICK, EASY, AND EFFICIENT ACCESS CONTROL TO DRIVE MARKET	217
TABLE 154	HOSTED ACCESS CONTROL AS A SERVICE MARKET, BY REGION, 2019-2022 (USD MILLION)	218
TABLE 155	HOSTED ACCESS CONTROL AS A SERVICE MARKET, BY REGION, 2023-2028 (USD MILLION)	218
13.5	MANAGED ACAAS	218
13.5.1	INCREASED ACCEPTANCE OF CLOUD-BASED SERVICES TO CREATE LUCRATIVE OPPORTUNITIES FOR MANAGED ACAAS MARKET PLAYERS	218
TABLE 156	MANAGED ACCESS CONTROL AS A SERVICE MARKET, BY REGION, 2019-2022 (USD MILLION)	219
TABLE 157	MANAGED ACCESS CONTROL AS A SERVICE MARKET, BY REGION, 2023-2028 (USD MILLION)	219
13.6	HYBRID ACAAS	219
13.6.1	INCREASED FLEXIBILITY, SCALABILITY, AND COST-SAVINGS TO FUEL MARKET	219
TABLE 158	HYBRID ACCESS CONTROL AS A SERVICE MARKET, BY REGION, 2019-2022 (USD MILLION)	220
TABLE 159	HYBRID ACCESS CONTROL AS A SERVICE MARKET, BY REGION, 2023-2028 (USD MILLION)	220
14	APPENDIX	221
14.1	INSIGHTS FROM INDUSTRY EXPERTS	221
14.2	DISCUSSION GUIDE	222
14.3	KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL	224
14.4	CUSTOMIZATION OPTIONS	226
14.5	RELATED REPORTS	226
14.6	AUTHOR DETAILS	227

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