

Smart Lock Market with COVID-19 Impact by Lock Type (Deadbolt Locks, Lever Handles), Communication Protocol (Bluetooth, WiFi), Unlocking Mechanism (Keypad, Card Keys, Touch Based), Vertical (Residential, Commercial) and Region - Global Forecast to 2027

<https://marketpublishers.com/r/S61B7C86400EN.html>

Date: March 2022

Pages: 184

Price: US\$ 4,950.00 (Single User License)

ID: S61B7C86400EN

Abstracts

The smart lock market is estimated to be valued at USD 2.1 billion in 2022 and reach USD 3.9 billion by 2027, registering a CAGR of 12.9% between 2022 and 2027.

According to a United Nations report published in July 2018, the global urban population is expected to increase to 4.46 billion in 2021 and 6.68 billion by 2050. Urbanization is expected to increase in 600 large cities worldwide by 2025. Emerging nations are also witnessing rapid urbanization with the development of smart cities. In emerging nations, the concentration of industrial development in cities leads to a growing demand for improved infrastructure. This would ultimately lead to the development of several new and renovated educational and healthcare institutions, public administration offices, shopping malls, stores, and warehouses. Thus, infrastructure development would boost the demand for advanced biometric solutions and smart locks, particularly in technologically advancing countries such as India, China, and Brazil.

The increasing adoption of the Internet of Things has enabled the use of various cyber-physical devices such as smartphones, connected cars, and wearable devices. Smart locks can be operated through the remote servers of the manufacturers of smart locks.

All information regarding the properties of a smart lock and its virtual key is stored in the vendor's cloud server. Smart locks allow for easy sharing of keys to other authorized persons and unauthorized entry and breakage of the lock to be monitored and reported.

However, the vendor cloud server can be attacked through code injection, cross-site scripting, password eavesdropping, and other means. Data communication between a smartphone and a smart lock through the Bluetooth Low Energy (BLE) protocol can also be hacked through a man-in-the-middle (MITM) attack.

“Server locks & latches: The fastest lock type of smart lock market .”

Server locks and latches use server systems based on the cloud to access doors from a remote location. The server cover prevents unauthorized access to the user’s server. Locking the front door (available on some models) avoids unauthorized access to the installed drives. Noke is one of the startups working on this model. The Noke web-based portal provides users with a comprehensive tool to manage lock functions, track digital keys, share real-time data, and even integrate users’ existing platforms.

“Wi-Fi: The fastest communication platform of the smart lock market .”

Wi-Fi is one of the key technologies responsible for the increasing implementation of the IoT in smart locks. Wi-Fi can be accessed through various devices such as smartphones, personal computers, and tablets. These devices can be connected to the Internet through a wireless access point. The Wi-Fi Direct standard enables users to connect any 2 devices without a wireless router. The growth in the adoption of smartphones and tablets has increased the application scope of IoT in smart locks equipped with Wi-Fi connectivity. Key players offering Wi-Fi-based smart locks are LockState (US), Allegion (Ireland), Gate, and ASSA ABLOY (Sweden).

“Touch based: Fastest growing unlocking mechanism of smart lock market”

The touch-based unlocking mechanism in smart locks uses the fingerprint recognition technique. Fingerprint recognition is an effective and simple method for identifying and authenticating individuals. One technology that should be of particular interest to manufacturers in the smart home industry is biometrics. Biometric authentication can complement the new smart home trend and add real value to modern domestic security solutions. Unlike password-protected smart locks, biometric authentication uses personally identifiable information stored securely on-device (whether the lock itself or a fingerprint-secured access card) for maximum privacy. This makes biometrics difficult to hack and near-impossible to spoof, ensuring that homes stay considerably safer than using password-secured, internet-enabled, or traditional key locks.

“Residential: Fastest vertical of smart lock market”

Smart locks are increasingly used in individual houses to ensure security and safety. Controlled access to allow the entry of only authorized persons is considered the critical function of asset security. Smart locks have become an integral part of smart homes, as they help control the door locks remotely, protecting people and property. The growth of this market can be attributed to the increasing demand for smart homes and rising urbanization across the globe. The growing urban population is increasing the need for better infrastructure equipped with security systems to protect people and property.

“North America: The largest region in the global smart lock market .”

North America is one of the most technologically advanced regions and is a large market for smart lock technology. The growing awareness about home security solutions, benefits provided by smart locks such as connectivity through smart devices, and their remote access features are driving the regional market's growth. In addition, the recent upswing in the trend of smart homes, rising adoption of IoT-based services, and the large presence of smart lock vendors are the factors supporting the growth of the smart lock market in North America. The US, Canada, and Mexico are the key countries contributing to the growth of the smart lock market in this region.

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

By Company Type: Tier 1 – 55%, Tier 2 – 25%, and Tier 3 – 20%

By Designation: C-level Executives – 75%, and Managers – 25%

By Region: APAC – 40%, RoW – 30%, Europe – 20%, North America – 10%

Key players operating in the smart lock market are ASSA ABLOY AB (Sweden), dormakaba Group (Switzerland), Spectrum Brands, Inc. (US), SALTO Systems, S.L. (Spain), Allegion plc (Ireland), Honeywell International Inc. (US), Dahua Technology Co., Ltd (China), Samsung Electronics Co., Ltd. (South Korea), Vivint, Inc. (US), ZKTECO CO., LTD. (China), igloohome Pte Ltd (Singapore), RemoteLock (US), Onity (US), Master Lock Company LLC. (US), MIWA Lock Co. (Japan), SentiLock (US), Avent Security (China), HavenLock, Inc. (US), Shenzhen Vians Electric Lock Co., Ltd. (China), Anviz Global Inc. (US), CANDY HOUSE, Inc. (US), AMADAS (South Korea), Thekeywe (South Korea), Gate Video Smart Lock (US), and DESSMANN

Schliessanlagen GmbH (Germany).

Research Coverage:

The report segments the smart lock market and forecasts its size, by value, based on lock type, communication protocol, unlocking mechanism, vertical, and region.

The report also provides a comprehensive review of market drivers, restraints, opportunities, and challenges in the smart lock market. The report also covers qualitative aspects in addition to the quantitative aspects of these markets.

Key Benefits of Buying the Report

The report will help the leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall market and the sub-segments. This report will help stakeholders 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 smart lock market and provides them information on key market drivers, restraints, challenges, and opportunities. The report also covers COVID-19 impact on smart lock market.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION AND SCOPE
 - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 GEOGRAPHIC SCOPE
 - 1.3.3 YEARS CONSIDERED
- 1.4 CURRENCY
- 1.5 MARKET STAKEHOLDERS
- 1.6 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 1 SMART LOCK MARKET: RESEARCH DESIGN

- 2.1.1 SECONDARY DATA
 - 2.1.1.1 List of major secondary sources
 - 2.1.1.2 Secondary sources
- 2.1.2 PRIMARY DATA
 - 2.1.2.1 Primary Expert Interviews
 - 2.1.2.2 Key data from primary sources
 - 2.1.2.3 Key industry insights
 - 2.1.2.4 Breakdown of primaries
- 2.1.3 SECONDARY AND PRIMARY RESEARCH

2.2 MARKET SIZE ESTIMATION

FIGURE 2 PROCESS FLOW

- 2.2.1 BOTTOM-UP APPROACH
 - 2.2.1.1 Approach for calculating market share through bottom-up analysis (demand side)

FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

- 2.2.2 TOP-DOWN APPROACH
 - 2.2.2.1 Approach for calculating market share through top-down analysis (supply side)

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

2.3 MARKET RANKING ESTIMATION

2.4 MARKET BREAKDOWN AND DATA TRIANGULATION

FIGURE 5 MARKET BREAKDOWN AND DATA TRIANGULATION

2.5 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

FIGURE 6 DEADBOLT LOCKS SEGMENT TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD

FIGURE 7 WI-FI COMMUNICATION PROTOCOL SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 8 KEYPAD UNLOCKING MECHANISM SEGMENT TO HOLD LARGEST SHARE OF SMART LOCK MARKET IN 2027

FIGURE 9 RESIDENTIAL VERTICAL TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD

FIGURE 10 SMART LOCK MARKET IN APAC TO REGISTER HIGHEST CAGR BETWEEN

2022 AND 2027

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN SMART LOCK MARKET

FIGURE 11 RISING DEMAND FOR INTERNET-BASED SECURITY SOLUTIONS TO DRIVE GROWTH OF SMART LOCK MARKET

4.2 SMART LOCK MARKET IN NORTH AMERICA, BY COUNTRY AND VERTICAL

FIGURE 12 US AND RESIDENTIAL VERTICAL TO DOMINATE NORTH AMERICAN SMART LOCK MARKET DURING FORECAST PERIOD

4.3 SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY LOCK TYPE

FIGURE 13 SMART LOCK MARKET FOR DEADBOLT LOCKS TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD

4.4 SMART LOCK MARKET, BY COUNTRY

FIGURE 14 CHINA TO ACCOUNT FOR HIGHEST GROWTH RATE IN GLOBAL SMART LOCK MARKET IN 2022

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 15 SMART LOCK MARKET DYNAMICS

FIGURE 16 DRIVERS AND THEIR IMPACT ON SMART LOCK MARKET

FIGURE 17 OPPORTUNITIES AND THEIR IMPACT ON SMART LOCK MARKET

FIGURE 18 RESTRAINTS & CHALLENGES AND THEIR IMPACT ON SMART LOCK MARKET

5.2.1 DRIVERS

5.2.1.1 Growing security concerns

5.2.1.2 Enhanced features compared with traditional lock systems

5.2.1.3 Rising adoption of smartphones and other connected devices

5.2.2 RESTRAINTS

5.2.2.1 High cost and perception of unreliability

5.2.2.2 Lack of awareness among customers

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing adoption of IoT-based security systems

5.2.3.2 Rapid urbanization in emerging nations

5.2.3.3 Global proliferation of smart cities

5.2.4 CHALLENGES

5.2.4.1 Risk of cyberattacks through smart devices and IoT-enabled devices

5.3 VALUE CHAIN ANALYSIS

FIGURE 19 VALUE CHAIN ANALYSIS: MAJOR VALUE ADDED BY RAW MATERIAL SUPPLIERS AND ORIGINAL EQUIPMENT MANUFACTURERS

5.4 SMART LOCK MARKET ECOSYSTEM

FIGURE 20 SMART LOCK MARKET ECOSYSTEM

6 SMART LOCK MARKET, BY LOCK TYPE

6.1 INTRODUCTION

FIGURE 21 DEADBOLT LOCKS SEGMENT TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD

TABLE 1 SMART LOCK MARKET, BY LOCK TYPE, 2018–2021 (USD MILLION)

TABLE 2 SMART LOCK MARKET, BY LOCK TYPE, 2022–2027 (USD MILLION)

TABLE 3 SMART LOCK MARKET, BY LOCK TYPE, 2018–2021 (MILLION UNITS)

TABLE 4 SMART LOCK MARKET, BY LOCK TYPE, 2022–2027 (MILLION UNITS)

6.2 DEADBOLT LOCKS

6.2.1 INCREASING DEPLOYMENT OF DEADBOLT LOCKS IN RESIDENTIAL SECTOR TO DRIVE MARKET GROWTH

FIGURE 22 RESIDENTIAL VERTICAL TO HOLD LARGEST SHARE OF SMART LOCK MARKET FOR DEADBOLTS DURING FORECAST PERIOD

TABLE 5 SMART LOCK MARKET FOR DEADBOLT LOCKS, BY VERTICAL,

2018–2021 (USD MILLION)

TABLE 6 SMART LOCK MARKET FOR DEADBOLT LOCKS, BY VERTICAL,
2022–2027 (USD MILLION)

6.3 LEVER HANDLES

6.3.1 CONVENIENT STRUCTURE AND THEIR COMPLIANCE WITH US
DISABILITIES ACT 1990 TO FUEL DEMAND FOR LEVER HANDLES

TABLE 7 SMART LOCK MARKET FOR LEVER HANDLES, BY VERTICAL, 2018–2021
(USD MILLION)

TABLE 8 SMART LOCK MARKET FOR LEVER HANDLES, BY VERTICAL, 2022–2027
(USD MILLION)

6.4 SERVER LOCKS AND LATCHES

6.4.1 RISING CONCERNS REGARDING CYBERATTACKS TO FUEL DEMAND FOR
SERVER LOCKS AND LATCHES

TABLE 9 SMART LOCK MARKET FOR SERVER LOCKS AND LATCHES, BY
VERTICAL, 2018–2021 (USD MILLION)

TABLE 10 SMART LOCK MARKET FOR SERVER LOCKS AND LATCHES, BY
VERTICAL, 2022–2027 (USD MILLION)

6.5 KNOB LOCKS

6.5.1 GROWING USE OF KNOB LOCKS WITH DEADBOLTS ON EXTERIOR
DOORS IN RESIDENTIAL SECTOR TO DRIVE MARKET GROWTH

TABLE 11 SMART LOCK MARKET FOR KNOB LOCKS, BY VERTICAL, 2018–2021
(USD MILLION)

TABLE 12 SMART LOCK MARKET FOR KNOB LOCKS, BY VERTICAL, 2022–2027
(USD MILLION)

6.6 OTHERS

TABLE 13 SMART LOCK MARKET FOR OTHERS, BY VERTICAL, 2018–2021 (USD
MILLION)

TABLE 14 SMART LOCK MARKET FOR OTHERS, BY VERTICAL, 2022–2027 (USD
MILLION)

7 SMART LOCK MARKET, BY COMMUNICATION PROTOCOL

7.1 INTRODUCTION

FIGURE 23 WI-FI COMMUNICATION PROTOCOL SEGMENT TO REGISTER
HIGHEST CAGR DURING FORECAST PERIOD

TABLE 15 SMART LOCK MARKET, BY COMMUNICATION PROTOCOL, 2018–2021
(USD MILLION)

TABLE 16 SMART LOCK MARKET, BY COMMUNICATION PROTOCOL, 2022–2027
(USD MILLION)

7.2 WI-FI

7.2.1 CONNECTIVITY BENEFITS OFFERED BY WI-FI TO DRIVE MARKET GROWTH

7.3 BLUETOOTH

7.3.1 WIDE RANGE, LOW POWER CONSUMPTION, AND HIGH RELIABILITY AND BANDWIDTH FEATURES TO FUEL MARKET GROWTH

7.4 Z-WAVE

7.4.1 GROWING POPULARITY OF RELIABILITY AND HIGH-SPEED FEATURES OF Z-WAVE TO DRIVE MARKET GROWTH

7.5 OTHERS

7.5.1 ZIGBEE

7.5.2 THREAD

7.5.3 NFC

8 SMART LOCK MARKET, BY UNLOCKING MECHANISM

8.1 INTRODUCTION

FIGURE 24 KEYPAD UNLOCKING MECHANISM SEGMENT TO HOLD LARGEST SHARE OF SMART LOCK MARKET IN 2027

TABLE 17 SMART LOCK MARKET, BY UNLOCKING MECHANISM, 2018–2021 (USD MILLION)

TABLE 18 SMART LOCK MARKET, BY UNLOCKING MECHANISM, 2022–2027 (USD MILLION)

8.2 KEYPAD

8.2.1 INTEGRATION OF KEYPADS WITH ACCESS CONTROL SYSTEMS TO DRIVE MARKET GROWTH

8.3 CARD KEY

8.3.1 GROWING USE OF RADIO FREQUENCY IDENTIFICATION (RFID) MAGNETIC DOOR LOCKS IN COMMERCIAL OFFICE BUILDINGS TO DRIVE MARKET GROWTH

8.3.1.1 Low frequency

8.3.1.2 High frequency

8.3.1.3 Ultra-high frequency

8.4 TOUCH BASED

8.4.1 GROWING ADOPTION OF AUTOMATED FINGERPRINT IDENTIFICATION SYSTEMS (AFISS) TO FUEL DEMAND FOR FINGERPRINT RECOGNITION SOLUTIONS USED IN SMART LOCK MECHANISM

8.5 KEY FOBS

8.5.1 RISE IN REPLACEMENT OF OLD METAL KEY SYSTEMS WITH ELECTRONIC

FOB SYSTEMS TO DRIVE MARKET GROWTH

8.6 SMARTPHONE BASED

8.6.1 GROWING ADOPTION OF SMART HOMES TO INCREASE DEMAND FOR SMARTPHONE-BASED DOOR LOCKING SYSTEMS

9 SMART LOCK MARKET, BY VERTICAL

9.1 INTRODUCTION

FIGURE 25 RESIDENTIAL VERTICAL TO HOLD LARGEST MARKET SHARE DURING FORECAST PERIOD

TABLE 19 SMART LOCK MARKET, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 20 SMART LOCK MARKET, BY VERTICAL, 2022–2027 (USD MILLION)

9.2 COMMERCIAL

9.2.1 HOSPITALITY

9.2.1.1 Increasing adoption of smart locks in hotels, vacation rental properties, resorts, casinos, and cruise ships to boost market growth

9.2.2 RETAIL STORES AND MALLS

9.2.2.1 Retail stores and malls segment to witness healthy growth in smart lock market

9.2.3 HEALTHCARE

9.2.3.1 Growing use of smart locks in healthcare sector to ensure access only to authorized users to boost market growth

9.2.4 BANKS AND FINANCIAL CENTRES

9.2.4.1 Increasing trend of biometric and multifactor authentication in banking and financial institutions to drive market growth

9.2.5 ENTERPRISES AND DATA CENTRES

9.2.5.1 Rising demand for security smart cards and biometric access systems to prevent minor security risks in enterprises to drive market growth

TABLE 21 SMART LOCK MARKET, BY COMMERCIAL VERTICAL, 2018–2021 (USD MILLION)

TABLE 22 SMART LOCK MARKET, BY COMMERCIAL VERTICAL, 2022–2027 (USD MILLION)

TABLE 23 SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 24 SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 25 NORTH AMERICA: SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 26 NORTH AMERICA: SMART LOCK MARKET FOR COMMERCIAL

VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 27 EUROPE: SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 28 EUROPE: SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 29 APAC: SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 30 APAC: SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 31 ROW: SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 32 ROW: SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 33 SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY LOCK TYPE, 2018–2021 (USD MILLION)

TABLE 34 SMART LOCK MARKET FOR COMMERCIAL VERTICAL, BY LOCK TYPE, 2022–2027 (USD MILLION)

9.3 RESIDENTIAL

9.3.1 CONDOMINIUM

9.3.1.1 Growing use of smart locks in condominiums or multi-family apartments to prevent invasion, unauthorized access, theft, and burglary to drive market growth

9.3.2 INDIVIDUAL HOUSES

9.3.2.1 Rising adoption of smart locks by individual house owners to ensure security and safety to drive market growth

FIGURE 26 CONDOMINIUM SEGMENT TO HOLD LARGER SHARE OF SMART LOCK MARKET FOR RESIDENTIAL VERTICAL DURING FORECAST PERIOD

TABLE 35 SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, 2018–2021 (USD MILLION)

TABLE 36 SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, 2022–2027 (USD MILLION)

FIGURE 27 APAC TO REGISTER HIGHEST CAGR IN SMART LOCK FOR RESIDENTIAL VERTICAL DURING FORECAST PERIOD

TABLE 37 SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 38 SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 39 NORTH AMERICA: SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 40 NORTH AMERICA: SMART LOCK MARKET FOR RESIDENTIAL

VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 41 EUROPE: SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 42 EUROPE: SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 43 APAC: SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 44 APAC: SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 45 ROW: SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 46 ROW: SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 47 SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY LOCK TYPE, 2018–2021 (USD MILLION)

TABLE 48 SMART LOCK MARKET FOR RESIDENTIAL VERTICAL, BY LOCK TYPE, 2022–2027 (USD MILLION)

9.4 INSTITUTIONAL & GOVERNMENT

9.4.1 INCREASING DEMAND FOR SMART LOCKS IN GOVERNMENT VERTICAL TO RESTRICT UNAUTHORIZED ENTRIES TO DRIVE MARKET GROWTH

TABLE 49 SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 50 SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 51 NORTH AMERICA: SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 52 NORTH AMERICA: SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 53 EUROPE: SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 54 EUROPE: SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 55 APAC: SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 56 APAC: SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 57 ROW: SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 58 ROW: SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT

VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 59 SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT

VERTICAL, BY LOCK TYPE, 2018–2021 (USD MILLION)

TABLE 60 SMART LOCK MARKET FOR INSTITUTIONAL & GOVERNMENT

VERTICAL, BY LOCK TYPE, 2022–2027 (USD MILLION)

9.5 TRANSPORTATION & LOGISTICS

9.5.1 RISING ADOPTION OF BIOMETRICS-BASED ACCESS CONTROL USING
SMART LOCKS BY AIRPORT OPERATORS TO DRIVE MARKET GROWTH

TABLE 61 SMART LOCK MARKET FOR TRANSPORTATION & LOGISTICS

VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 62 SMART LOCK MARKET FOR TRANSPORTATION & LOGISTICS

VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 63 NORTH AMERICA: SMART LOCK MARKET FOR TRANSPORTATION &
LOGISTICS VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 64 NORTH AMERICA: SMART LOCK MARKET FOR TRANSPORTATION &
LOGISTICS VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 65 EUROPE: SMART LOCK MARKET FOR TRANSPORTATION &
LOGISTICS VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 66 EUROPE: SMART LOCK MARKET FOR TRANSPORTATION &
LOGISTICS VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 67 APAC: SMART LOCK MARKET FOR TRANSPORTATION & LOGISTICS
VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 68 APAC: SMART LOCK MARKET FOR TRANSPORTATION & LOGISTICS
VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 69 ROW: SMART LOCK MARKET FOR TRANSPORTATION & LOGISTICS
VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 70 ROW: SMART LOCK MARKET FOR TRANSPORTATION & LOGISTICS
VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 71 SMART LOCK MARKET FOR TRANSPORTATION & LOGISTICS
VERTICAL, BY LOCK TYPE, 2018–2021 (USD MILLION)

TABLE 72 SMART LOCK MARKET FOR TRANSPORTATION & LOGISTICS
VERTICAL, BY LOCK TYPE, 2022–2027 (USD MILLION)

9.6 INDUSTRIAL

9.6.1 MANUFACTURING

9.6.1.1 Increased need for protecting people and properties across manufacturing
sites to create growth opportunities for market players

9.6.2 OIL & GAS

9.6.2.1 Ability of smart locks to provide suitable and enhanced security to fuel their
demand in oil & gas vertical

9.6.3 ENERGY & POWER

9.6.3.1 Rising demand for smart locks in energy and power vertical to prevent unauthorized access to drive market growth

TABLE 73 SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, 2018–2021 (USD MILLION)

TABLE 74 SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, 2022–2027 (USD MILLION)

TABLE 75 SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 76 SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 77 NORTH AMERICA: SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 78 NORTH AMERICA: SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 79 EUROPE: SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 80 EUROPE: SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 81 APAC: SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 82 APAC: SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 83 ROW: SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY REGION, 2018–2021 (USD MILLION)

TABLE 84 ROW: SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY REGION, 2022–2027 (USD MILLION)

TABLE 85 SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY LOCK TYPE, 2018–2021 (USD MILLION)

TABLE 86 SMART LOCK MARKET FOR INDUSTRIAL VERTICAL, BY LOCK TYPE, 2022–2027 (USD MILLION)

10 SMART LOCK MARKET, BY REGION

10.1 INTRODUCTION

FIGURE 28 APAC TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 87 SMART LOCK MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 88 SMART LOCK MARKET, BY REGION, 2022–2027 (USD MILLION)

10.2 NORTH AMERICA

FIGURE 29 NORTH AMERICA MARKET SNAPSHOT**TABLE 89 SMART LOCK MARKET IN NORTH AMERICA, BY COUNTRY, 2018–2021 (USD MILLION)****TABLE 90 SMART LOCK MARKET IN NORTH AMERICA, BY COUNTRY, 2022–2027 (USD MILLION)****TABLE 91 SMART LOCK MARKET IN NORTH AMERICA, BY VERTICAL, 2018–2021 (USD MILLION)****TABLE 92 SMART LOCK MARKET IN NORTH AMERICA, BY VERTICAL, 2022–2027 (USD MILLION)****TABLE 93 SMART LOCK MARKET IN US, BY VERTICAL, 2018–2021 (USD MILLION)****TABLE 94 SMART LOCK MARKET IN US, BY VERTICAL, 2022–2027 (USD MILLION)****TABLE 95 SMART LOCK MARKET IN CANADA, BY VERTICAL, 2018–2021 (USD MILLION)****TABLE 96 SMART LOCK MARKET IN CANADA, BY VERTICAL, 2022–2027 (USD MILLION)****TABLE 97 SMART LOCK MARKET IN MEXICO, BY VERTICAL, 2018–2021 (USD MILLION)****TABLE 98 SMART LOCK MARKET IN MEXICO, BY VERTICAL, 2022–2027 (USD MILLION)****10.2.1 US****10.2.1.1 US to hold largest share of North American smart lock market****10.2.2 CANADA****10.2.2.1 Growing awareness regarding internet-based safety and security to drive growth of smart lock market in Canada****10.2.3 MEXICO****10.2.3.1 Mexico to be lucrative market for smart locks****10.3 EUROPE****FIGURE 30 EUROPE MARKET SNAPSHOT****TABLE 99 SMART LOCK MARKET IN EUROPE, BY COUNTRY, 2018–2021 (USD MILLION)****TABLE 100 SMART LOCK MARKET IN EUROPE, BY COUNTRY, 2022–2027 (USD MILLION)****TABLE 101 SMART LOCK MARKET IN EUROPE, BY VERTICAL, 2018–2021 (USD MILLION)****TABLE 102 SMART LOCK MARKET IN EUROPE, BY VERTICAL, 2022–2027 (USD MILLION)****TABLE 103 SMART LOCK MARKET IN UK, BY VERTICAL, 2018–2021 (USD MILLION)****TABLE 104 SMART LOCK MARKET IN UK, BY VERTICAL, 2022–2027 (USD MILLION)**

MILLION)

TABLE 105 SMART LOCK MARKET IN GERMANY, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 106 SMART LOCK MARKET IN GERMANY, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 107 SMART LOCK MARKET IN FRANCE, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 108 SMART LOCK MARKET IN FRANCE, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 109 SMART LOCK MARKET IN REST OF EUROPE, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 110 SMART LOCK MARKET IN REST OF EUROPE, BY VERTICAL, 2022–2027 (USD MILLION)

10.3.1 UK

10.3.1.1 Decline in cost of mobile broadband connection and increasing adoption of cloud infrastructure to boost demand for smart locks in UK

10.3.2 GERMANY

10.3.2.1 Growing adoption of internet-based security systems in various applications to drive market growth in Germany

10.3.3 FRANCE

10.3.3.1 Growing awareness regarding internet-based home security solutions and rising adoption of wireless portable consumer electronics to drive market growth in France

10.3.4 REST OF EUROPE

10.4 APAC

FIGURE 31 APAC MARKET SNAPSHOT

FIGURE 32 CHINA TO HOLD LARGEST SHARE OF APAC SMART LOCK MARKET DURING FORECAST PERIOD

TABLE 111 SMART LOCK MARKET IN APAC, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 112 SMART LOCK MARKET IN APAC, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 113 SMART LOCK MARKET IN APAC, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 114 SMART LOCK MARKET IN APAC, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 115 SMART LOCK MARKET IN CHINA, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 116 SMART LOCK MARKET IN CHINA, BY VERTICAL, 2022–2027 (USD

MILLION)

TABLE 117 SMART LOCK MARKET IN JAPAN, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 118 SMART LOCK MARKET IN JAPAN, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 119 SMART LOCK MARKET IN SOUTH KOREA, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 120 SMART LOCK MARKET IN SOUTH KOREA, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 121 SMART LOCK MARKET IN INDIA, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 122 SMART LOCK MARKET IN INDIA, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 123 SMART LOCK MARKET IN REST OF APAC, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 124 SMART LOCK MARKET IN REST OF APAC, BY VERTICAL, 2022–2027 (USD MILLION)

10.4.1 CHINA

10.4.1.1 Increasing industrialization to fuel demand for smart lock systems in China

10.4.2 JAPAN

10.4.2.1 Rapid industrialization and modernization to create lucrative opportunities for market players in Japan

10.4.3 SOUTH KOREA

10.4.3.1 Rising demand for remotely managed and connected security devices to drive market growth in South Korea

10.4.4 INDIA

10.4.4.1 Rise in terrorist activities, crime rate, and data and security breaches to fuel demand for security and safety systems

10.4.5 REST OF APAC

10.5 ROW

TABLE 125 SMART LOCK MARKET IN ROW, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 126 SMART LOCK MARKET IN ROW, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 127 SMART LOCK MARKET IN ROW, BY VERTICAL, 2018–2021 (USD MILLION)

TABLE 128 SMART LOCK MARKET IN ROW, BY VERTICAL, 2022–2027 (USD MILLION)

TABLE 129 SMART LOCK MARKET IN MIDDLE EAST & AFRICA, BY VERTICAL,

2018–2021 (USD MILLION)

TABLE 130 SMART LOCK MARKET IN MIDDLE EAST & AFRICA, BY VERTICAL,
2022–2027 (USD MILLION)

TABLE 131 SMART LOCK MARKET IN SOUTH AMERICA, BY VERTICAL, 2018–2021
(USD MILLION)

TABLE 132 SMART LOCK MARKET IN SOUTH AMERICA, BY VERTICAL, 2022–2027
(USD MILLION)

10.5.1 MIDDLE EAST & AFRICA

10.5.1.1 Rising urbanization and increased adoption of IoT-based solutions to boost market growth

10.5.2 SOUTH AMERICA

10.5.2.1 Growing industrialization to create lucrative opportunities for players in South American market

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

11.2 MARKET EVALUATION FRAMEWORK

TABLE 133 OVERVIEW OF STRATEGIES DEPLOYED BY KEY SMART LOCK PROVIDERS

11.2.1 PRODUCT PORTFOLIO

11.2.2 REGIONAL FOCUS

11.2.3 MANUFACTURING FOOTPRINT

11.2.4 ORGANIC/INORGANIC GROWTH STRATEGIES

11.3 REVENUE ANALYSIS OF LEADING PLAYERS (2017–2021)

FIGURE 33 5-YEAR REVENUE ANALYSIS OF LEADING PLAYERS IN SMART LOCK MARKET

11.4 MARKET SHARE ANALYSIS: SMART LOCK MARKET, 2021

TABLE 134 DEGREE OF COMPETITION

11.5 COMPANY EVALUATION MATRIX

11.5.1 STAR

11.5.2 EMERGING LEADER

11.5.3 PERVASIVE

11.5.4 PARTICIPANT

FIGURE 34 COMPANY EVALUATION MATRIX, 2021

11.6 COMPETITIVE SITUATIONS AND TRENDS

11.6.1 PRODUCT LAUNCHES

TABLE 135 PRODUCT LAUNCHES, JANUARY 2020–NOVEMBER 2021

11.6.2 DEALS

TABLE 136 DEALS, JANUARY 2020–FEBRUARY 2022

12 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM View Right to win, Strategic choices made, Weaknesses and competitive threats) *

12.1 INTRODUCTION

12.2 KEY PLAYERS

12.2.1 ASSA ABLOY

TABLE 137 ASSA ABLOY: BUSINESS OVERVIEW

FIGURE 35 ASSA ABLOY: COMPANY SNAPSHOT

TABLE 138 ASSA ABLOY: PRODUCT/SOLUTION/SERVICE OFFERINGS

TABLE 139 ASSA ABLOY: DEALS

12.2.2 DORMAKABA

TABLE 140 DORMAKABA: BUSINESS OVERVIEW

FIGURE 36 DORMAKABA: COMPANY SNAPSHOT

TABLE 141 DORMAKABA: PRODUCT/SOLUTION/SERVICE OFFERINGS

TABLE 142 DORMAKABA: DEALS

TABLE 143 DORMAKABA: OTHERS

12.2.3 SPECTRUM BRANDS

TABLE 144 SPECTRUM BRANDS: BUSINESS OVERVIEW

FIGURE 37 SPECTRUM BRANDS: COMPANY SNAPSHOT

TABLE 145 SPECTRUM BRANDS: PRODUCT/SOLUTION/SERVICE OFFERINGS

TABLE 146 SPECTRUM BRANDS: PRODUCT LAUNCHES

12.2.4 SALTO SYSTEMS

TABLE 147 SALTO SYSTEMS: BUSINESS OVERVIEW

TABLE 148 SALTO SYSTEMS: PRODUCT/SOLUTION/SERVICE OFFERINGS

TABLE 149 SALTO SYSTEMS: PRODUCT LAUNCHES

TABLE 150 SALTO SYSTEMS: DEALS

TABLE 151 SALTO SYSTEMS: OTHERS

12.2.5 ALLEGION

TABLE 152 ALLEGION: BUSINESS OVERVIEW

FIGURE 38 ALLEGION: COMPANY SNAPSHOT

TABLE 153 ALLEGION: PRODUCT/SOLUTION/SERVICE OFFERINGS

TABLE 154 ALLEGION: PRODUCT LAUNCHES

TABLE 155 ALLEGION: DEALS

12.2.6 HONEYWELL

TABLE 156 HONEYWELL: BUSINESS OVERVIEW

FIGURE 39 HONEYWELL: COMPANY SNAPSHOT

TABLE 157 HONEYWELL: PRODUCT/SOLUTION/SERVICE OFFERINGS**12.2.7 DAHUA TECHNOLOGY****TABLE 158 DAHUA TECHNOLOGY: BUSINESS OVERVIEW****FIGURE 40 DAHUA TECHNOLOGY: COMPANY SNAPSHOT****TABLE 159 DAHUA TECHNOLOGY: PRODUCT/SOLUTION/SERVICE OFFERINGS****TABLE 160 DAHUA TECHNOLOGY: PRODUCT LAUNCHES****12.2.8 SAMSUNG****TABLE 161 SAMSUNG: BUSINESS OVERVIEW****FIGURE 41 SAMSUNG: COMPANY SNAPSHOT****TABLE 162 SAMSUNG: PRODUCT/SOLUTION/SERVICE OFFERINGS****TABLE 163 SAMSUNG: OTHERS****12.2.9 VIVINT****TABLE 164 VIVINT: BUSINESS OVERVIEW****FIGURE 42 VIVINT: COMPANY SNAPSHOT****TABLE 165 VIVINT: PRODUCT/SOLUTION/SERVICE OFFERINGS****TABLE 166 VIVINT: DEALS****12.2.10 ZKTECO****TABLE 167 ZKTECO: BUSINESS OVERVIEW****TABLE 168 ZKTECO: PRODUCT/SOLUTION/SERVICE OFFERINGS****TABLE 169 ZKTECO: DEALS****12.3 OTHER KEY PLAYERS****12.3.1 IGLOOCOMPANY****12.3.2 REMOTELOCK****12.3.3 ONITY****12.3.4 MASTER LOCK****12.3.5 MIWA LOCK****12.3.6 SENTRILOCK****12.3.7 AVENT SECURITY****12.3.8 HAVENLOCK****12.3.9 SHENZHEN VIANS ELECTRONIC LOCK****12.3.10 ANVIZ GLOBAL****12.3.11 CANDY HOUSE****12.3.12 AMADAS****12.3.13 KEYWE****12.3.14 GATE LABS****12.3.15 DESSMANN SCHLIESSANLAGEN**

*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

13.3 AVAILABLE CUSTOMIZATIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

I would like to order

Product name: Smart Lock Market with COVID-19 Impact by Lock Type (Deadbolt Locks, Lever Handles), Communication Protocol (Bluetooth, WiFi), Unlocking Mechanism (Keypad, Card Keys, Touch Based), Vertical (Residential, Commercial) and Region - Global Forecast to 2027

Product link: <https://marketpublishers.com/r/S61B7C86400EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S61B7C86400EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970