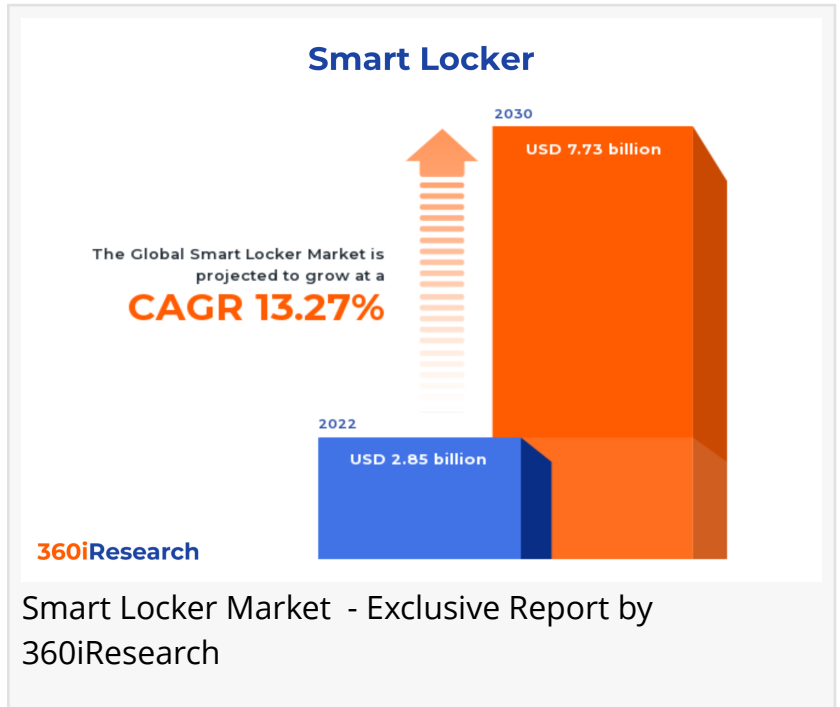# Smart Locker Market worth $7.73 billion by 2030, growing at a CAGR of 13.27% - Exclusive Report by 360iResearch

The Global Smart Locker Market to grow from USD 2.85 billion in 2022 to USD 7.73 billion by 2030, at a CAGR of 13.27%.

PUNE, MAHARASHTRA, INDIA , December 7, 2023 /EINPresswire.com/ -- The "Smart Locker Market by Component (Hardware, Services, Software), Type (Asset Management Lockers, Day Lockers, Hot Lockers), Technology, Deployment, End-use - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.

The Global Smart Locker Market to grow from USD 2.85 billion in 2022 to USD 7.73 billion by 2030, at a CAGR of 13.27%.

Smart Locker

2030
USD 7.73 billion

The Global Smart Locker Market is projected to grow at a
CAGR 13.27%

2022
USD 2.85 billion

360iResearch

Smart Locker Market - Exclusive Report by 360iResearch

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Smart lockers are innovative storage solutions equipped with advanced technology for heightened functionality and security. These systems, widely employed in various sectors, serve to streamline processes such as package delivery, secure item storage, and contactless exchanges. The surge in e-commerce activities has spurred the demand for secure and convenient parcel delivery solutions, positioning smart lockers as an integral component of modern logistics. The rising emphasis on contactless transactions and services, accelerated by the global pandemic, has further fueled the adoption of smart lockers, as they provide a secure and touch-free means for item retrieval. Additionally, in urban environments where space optimization is paramount, smart lockers offer an efficient solution for managing storage needs. High implementation costs and potential security concerns associated with the use of smart lockers hinder market growth. Integration of advanced technologies in smart lockers to enhance

security features by market vendors and researchers is expected to create opportunities for the smart locker market growth.

Component: Increasing adoption of software to protect user data and prevent unauthorized access

The hardware component of smart lockers encompasses the physical structure and integrated technologies that enable the functionality of these systems. This includes the lockers themselves, which are typically modular and can be configured in various sizes and shapes to accommodate different storage needs. The hardware also consists of electronic locks, control panels, sensors, and networking equipment that facilitate user authentication, real-time monitoring, and remote management. Services associated with smart lockers include a range of support and maintenance options to ensure the seamless operation of the locker systems. Installation services are critical for proper setup and integration into existing spaces or networks. Ongoing maintenance and technical support are necessary to address any issues that arise during operation, including hardware malfunctions or software glitches. Additionally, training services may be provided to educate users and administrators on how to effectively use and manage the smart locker systems. Software is a key component of smart locker systems, providing the interface and functionality required for operation and management. This includes user interface (UI) software that allows individuals to interact with the lockers, typically through a touchscreen or mobile app. Backend software systems enable administrators to manage locker assignments, access permissions, and usage tracking. Advanced software solutions may offer integration with other systems, such as e-commerce platforms for package delivery or enterprise systems for asset management.

Deployment: Growing preference for the indoor deployment of smart lockers

The indoor deployment of smart lockers is typically positioned within premises, such as offices, factories, educational institutions, residential buildings, and supermarkets. This deployment ensures that the lockers are safeguarded from extreme weather conditions, thereby increasing durability and reducing maintenance costs. Contrarily, outdoor Smart Lockers are installed in places such as community centers, parks, or high foot traffic areas for easy accessibility. Infrastructure and weather durability become pivotal considerations in this segment.

Type: Expanding usage of parcel lockers for last-mile delivery solutions to hold packages securely and

Asset management lockers are designed to secure and track valuable equipment and devices within an organization. These lockers are often used in settings such as hospitals, IT departments, and warehouses to manage the distribution of shared resources. They feature user authentication and inventory management capabilities to ensure that assets are only accessed by authorized personnel and to provide real-time tracking of item usage. Day lockers are intended for short-term storage, providing users with a secure space to store personal belongings for a limited time, such as during a workday or visit to a facility. These lockers are commonly found in offices, gyms, and recreational centers. They often operate with single-use codes or RFID access, ensuring that the locker is available for a new user the following day. Hot

lockers cater to flexible work environments where employees do not have assigned desks or storage spaces. These lockers are reserved and accessed as needed, supporting hot-desking and agile working policies. Hot lockers are managed through a digital platform that allows users to book a locker on-demand, promoting efficiency and adaptability in the workplace. Parcel lockers are automated storage units designed to securely hold packages until recipients can retrieve them. They are an essential component of last-mile delivery solutions in residential complexes, retail outlets, and commercial buildings. Parcel lockers help to reduce missed deliveries and provide a convenient, 24/7 pickup option for recipients. They usually feature a secure, code-based, or app-based access system. Postal lockers are similar to parcel lockers but are specifically operated by national postal services. They offer a secure and efficient way for customers to send and receive mail and packages. These lockers are typically located in accessible public areas and are integrated with the postal service's tracking and notification systems to ensure a seamless mail-handling process.

Technology: Growing popularity of Radio Frequency Identification (RFID) in smart lockers
Biometric technology in smart lockers offers high security by using unique biological characteristics, including facial recognition, fingerprints, or iris scans to authenticate users. This ensures that only authorized individuals can access the contents of a locker, reducing the risk of theft or unauthorized access. Biometric systems are often preferred in high-security environments where sensitive items are stored. Cloud-based smart locker systems leverage the power of the internet to offer remote management and real-time monitoring capabilities. Administrators can control access, track usage, and receive alerts from any location with an internet connection. This integration facilitates seamless updates, data backups, and scalability, allowing the system to grow with the organization's needs. Electronic components are the backbone of smart lockers, enabling functionalities such as touchscreens, keypads, and automated locking mechanisms. Mobile technology integration allows users to interact with smart lockers through their smartphones. This includes opening lockers with a mobile app, receiving notifications when a package is delivered, or managing access permissions. Radio Frequency Identification (RFID) is used in smart lockers for quick and secure user authentication and item tracking. RFID tags can be embedded in access cards or items stored in the lockers. When a user scans their RFID tag, the system identifies the correct locker and unlocks it. This technology streamlines accessing and managing locker contents, making it ideal for high-traffic environments such as educational institutions or public transportation hubs.

End-use: Increasing application of smart lockers in the commercial sector for secure storing of goods
In the commercial sector, smart lockers are revolutionizing the way businesses handle parcel deliveries and storage. They serve as secure, automated systems for storing goods, allowing for efficient space management and reduced operational costs. Retail outlets are increasingly adopting smart lockers to facilitate easy pick-up and return of merchandise, enhancing customer convenience and satisfaction. Educational institutions are leveraging smart lockers to modernize their infrastructure and provide students with a safe and convenient way to store their materials. These lockers can be accessed using student IDs or mobile devices, offering a seamless user

experience. The logistics sector benefits significantly from the deployment of smart lockers, especially in the last-mile delivery process. They serve as automated parcel stations that enable 24/7 collection and drop-off, thus reducing the need for human intervention and minimizing delivery failures. Smart lockers can be strategically placed in accessible locations, facilitating quicker and more efficient delivery cycles. In residential settings, smart lockers are becoming an essential amenity in multi-tenant buildings, such as apartments and condominiums. They provide residents with a secure and convenient way to receive packages at any time without the need for face-to-face interaction. This is particularly advantageous for residents not home during traditional delivery hours.

Regional Insights:
The Americas have shown substantial growth in the smart locker market, driven by rapid technological advancements and increased consumer demand for smart digital solutions. The region's market growth is fueled by the presence of major smart locker companies, a robust e-commerce sector, and a high rate of technology adoption. The demand for smart lockers in the Americas is also driven by the demand for secure package delivery solutions in residential and commercial buildings. The EMEA region has observed a stable increment in the adoption of smart locker systems, particularly in sectors such as retail and logistics. The strong emphasis on automation and digital transformation in these regions are the main driving factors for the adoption of smart locker technology. The Middle East and Africa are witnessing moderate growth, with emerging economies pushing the envelope for advanced locker systems due to increasing smart city initiatives. The Asia-Pacific region is witnessing significant growth in the smart locker market, fueled by increasing urbanization and rising e-commerce activities. Countries including China, India, and Japan are adopting smart lockers to address the evolving demands of secure package delivery and efficient storage management. The region's booming population, coupled with a tech-savvy consumer base, positions Asia-Pacific as a dynamic and promising market for the continued expansion of smart locker applications.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Smart Locker Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Smart Locker Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and

amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Smart Locker Market, highlighting leading vendors and their innovative profiles. These include 13SQFT, AirLocker, Inc., Bradford Systems, Click n Collect, Fonzel Malaysia Sdn Bhd, Godrej & Boyce Mfg. Co. Ltd., Hollman Inc., Kargopark, LockTec GmbH, Machan International Co., Ltd., Meridian Kiosks, MobiiKey Technologies Private Limited, Ozone Secutech, Package Nexus, Parcel Pending LLC by Quadient, Pitney Bowes Inc., SALTO Systems SL, Shenzhen Zhilai Sci and Tech Co Ltd, Smart Lockers MVK, Smiota, Snaile Inc., The Ricoh Company, Ltd., and TZ Limited.

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Market Segmentation & Coverage:

This research report categorizes the Smart Locker Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Component, market is studied across Hardware, Services, and Software. The Services is projected to witness significant market share during forecast period.

Based on Type, market is studied across Asset Management Lockers, Day Lockers, Hot Lockers, Parcel Lockers, and Postal Lockers. The Parcel Lockers is projected to witness significant market share during forecast period.

Based on Technology, market is studied across Biometrics, Cloud-based, Electronics, Mobile, and RFID. The Biometrics is projected to witness significant market share during forecast period.

Based on Deployment, market is studied across Indoor and Outdoor. The Indoor is projected to witness significant market share during forecast period.

Based on End-use, market is studied across Commercial, Education, Logistics, and Residential. The Commercial is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South

Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Europe, Middle East & Africa commanded largest market share of 38.35% in 2022, followed by Americas.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Smart Locker Market, by Component
7. Smart Locker Market, by Type
8. Smart Locker Market, by Technology
9. Smart Locker Market, by Deployment
10. Smart Locker Market, by End-use
11. Americas Smart Locker Market
12. Asia-Pacific Smart Locker Market
13. Europe, Middle East & Africa Smart Locker Market
14. Competitive Landscape
15. Competitive Portfolio
16. Appendix

The report provides insights on the following pointers:
1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:
1. What is the market size and forecast of the Smart Locker Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Smart Locker Market?
3. What is the competitive strategic window for opportunities in the Smart Locker Market?
4. What are the technology trends and regulatory frameworks in the Smart Locker Market?
5. What is the market share of the leading vendors in the Smart Locker Market?

6. What modes and strategic moves are considered suitable for entering the Smart Locker Market?

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