

Global Contactless Smart Cards Market Size study, by Functionality (Transaction, Security and Access Control), by Type (Memory, MPU Microprocessor), by Industry Vertical (BFSI, Retail, Healthcare, Hospitality, Transportation and Logistics, Media and Entertainment, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GC255556A602EN.html>

Date: July 2024

Pages: 200

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

ID: GC255556A602EN

Abstracts

The Global Contactless Smart Cards Market is valued approximately at USD 10.23 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.81% over the forecast period 2023-2032. A contactless smart card is a secure and convenient credential that integrates radio-frequency identification (RFID) or near-field communication (NFC) technology, facilitating transactions and interactions without physical contact. These cards are pivotal in various applications, including payment systems, public transit, access control, and identification, owing to their embedded microprocessors and memory storage capabilities. The integration of contactless smart cards with IoT and mobile devices presents lucrative opportunities. This synergy facilitates innovative applications such as smart home access, automated attendance tracking, and streamlined inventory management. The continuous evolution of digital technology ensures that contactless smart cards remain relevant, driving their adoption across various sectors.

The increasing adoption of Internet of Things (IoT) technologies has propelled the demand for contactless smart cards, driven by the necessity for seamless and secure connectivity in IoT ecosystems. The ability of these cards to wirelessly communicate and authenticate users has positioned them as essential tools across numerous industries. By leveraging NFC and RFID technology, contactless smart cards enable

efficient interactions among connected devices, meeting the growing consumer demand for frictionless transactions and data exchanges. Additionally, the convenience offered by contactless smart cards fuels their widespread adoption. The ease of tap-and-go transactions appeals to consumers and businesses alike, enhancing the efficiency of daily purchases and interactions. However, the market faces challenges such as high infrastructure costs and security concerns restrain demand for the Global Contactless Smart Cards Market. The implementation of contactless technology demands significant investments in upgrading existing systems, posing a financial barrier, particularly for small enterprises. Moreover, issues related to data security and theft impede the market's growth potential.

The Asia-Pacific region dominated the Global Contactless Smart Cards market in 2023 and is expected to grow at a significant CAGR during the forecast period 2024-2032. As urban centers expand and populations grow, there is a rising demand for efficient payment systems, secure identification methods, and streamlined access control. Ongoing technological advancements in NFC (Near Field Communication), biometrics integration, and security features enhance the appeal and functionality of contactless smart cards. These advancements are particularly pertinent in the Asia-Pacific region, where technological adoption tends to be rapid. Supportive government policies, initiatives promoting digital payments, and regulations favouring secure transaction methods contribute significantly to the market's growth. Countries across Asia-Pacific are increasingly embracing these technologies to modernize their infrastructures.

Major market player included in this report are:

CardLogix Corporation

CPI Card Group Inc.

Giesecke+Devrient GmbH

HID Global Corporation

IDEMIA

Infineon Technologies AG

NXP Semiconductors

Sony Corporation

Thales

Watchdata

The detailed segments and sub-segment of the market are explained below:

By Functionality:

Transaction

Security and Access Control

By Type:

Memory

MPU Microprocessor

By Industry Vertical:

BFSI

Retail

Healthcare

Hospitality

Transportation and Logistics

Media and Entertainment

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL CONTACTLESS SMART CARDS MARKET EXECUTIVE SUMMARY

- 1.1. Global Contactless Smart Cards Market Size & Forecast (2022- 2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Functionality
 - 1.3.2. By Type
 - 1.3.3. By Industry Vertical
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL CONTACTLESS SMART CARDS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL CONTACTLESS SMART CARDS MARKET DYNAMICS

Global Contactless Smart Cards Market Size study, by Functionality (Transaction, Security and Access Control),...

3.1. Market Drivers

- 3.1.1. Rise of IoT and Connected Devices
- 3.1.2. Increasing Adoption in Various Industry Verticals
- 3.1.3. Demand for Secure and Convenient Transactions

3.2. Market Challenges

- 3.2.1. High Infrastructure Costs
- 3.2.2. Security and Data Theft Concerns
- 3.2.3. Limited Compatibility and Infrastructure

3.3. Market Opportunities

- 3.3.1. Integration with IoT and Mobile Devices
- 3.3.2. Expansion in Emerging Markets
- 3.3.3. Technological Advancements and Innovations

CHAPTER 4. GLOBAL CONTACTLESS SMART CARDS MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL CONTACTLESS SMART CARDS MARKET SIZE &

FORECASTS BY FUNCTIONALITY 2022-2032

5.1. Segment Dashboard

5.2. Global Contactless Smart Cards Market: Functionality Revenue Trend Analysis, 2022 & 2032 (USD Billion)

5.2.1. Transaction

5.2.2. Security and Access Control

CHAPTER 6. GLOBAL CONTACTLESS SMART CARDS MARKET SIZE & FORECASTS BY TYPE 2022-2032

6.1. Segment Dashboard

6.2. Global Contactless Smart Cards Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

6.2.1. Memory

6.2.2. MPU Microprocessor

CHAPTER 7. GLOBAL CONTACTLESS SMART CARDS MARKET SIZE & FORECASTS BY INDUSTRY VERTICAL 2022-2032

7.1. Segment Dashboard

7.2. Global Contactless Smart Cards Market: Industry Vertical Revenue Trend Analysis, 2022 & 2032 (USD Billion)

7.2.1. BFSI

7.2.2. Retail

7.2.3. Healthcare

7.2.4. Hospitality

7.2.5. Transportation and Logistics

7.2.6. Media and Entertainment

7.2.7. Others

CHAPTER 8. GLOBAL CONTACTLESS SMART CARDS MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Contactless Smart Cards Market

8.1.1. U.S. Contactless Smart Cards Market

8.1.1.1. By Functionality breakdown size & forecasts, 2022-2032

8.1.1.2. By Type breakdown size & forecasts, 2022-2032

8.1.1.3. By Industry Vertical breakdown size & forecasts, 2022-2032

- 8.1.2. Canada Contactless Smart Cards Market
 - 8.1.2.1. By Functionality breakdown size & forecasts, 2022-2032
 - 8.1.2.2. By Type breakdown size & forecasts, 2022-2032
 - 8.1.2.3. By Industry Vertical breakdown size & forecasts, 2022-2032
- 8.2. Europe Contactless Smart Cards Market
 - 8.2.1. UK Contactless Smart Cards Market
 - 8.2.2. Germany Contactless Smart Cards Market
 - 8.2.3. France Contactless Smart Cards Market
 - 8.2.4. Spain Contactless Smart Cards Market
 - 8.2.5. Italy Contactless Smart Cards Market
 - 8.2.6. Rest of Europe Contactless Smart Cards Market
- 8.3. Asia-Pacific Contactless Smart Cards Market
 - 8.3.1. China Contactless Smart Cards Market
 - 8.3.2. India Contactless Smart Cards Market
 - 8.3.3. Japan Contactless Smart Cards Market
 - 8.3.4. Australia Contactless Smart Cards Market
 - 8.3.5. South Korea Contactless Smart Cards Market
 - 8.3.6. Rest of Asia Pacific Contactless Smart Cards Market
- 8.4. Latin America Contactless Smart Cards Market
 - 8.4.1. Brazil Contactless Smart Cards Market
 - 8.4.2. Mexico Contactless Smart Cards Market
 - 8.4.3. Rest of Latin America Contactless Smart Cards Market
- 8.5. Middle East & Africa Contactless Smart Cards Market
 - 8.5.1. Saudi Arabia Contactless Smart Cards Market
 - 8.5.2. South Africa Contactless Smart Cards Market
 - 8.5.3. Rest of Middle East & Africa Contactless Smart Cards Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. CardLogix Corporation
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)

- 9.3.1.4. Product Summary
- 9.3.1.5. Market Strategies
- 9.3.2. CPI Card Group Inc.
- 9.3.3. Giesecke+Devrient GmbH
- 9.3.4. HID Global Corporation
- 9.3.5. IDEMIA
- 9.3.6. Infineon Technologies AG
- 9.3.7. NXP Semiconductors
- 9.3.8. Sony Corporation
- 9.3.9. Thales
- 9.3.10. Watchdata

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Contactless Smart Cards market, report scope

TABLE 2. Global Contactless Smart Cards market estimates & forecasts by Region
2022-2032 (USD Billion)

TABLE 3. Global Contactless Smart Cards market estimates & forecasts by
Functionality 2022-2032 (USD Billion)

TABLE 4. Global Contactless Smart Cards market estimates & forecasts by Type
2022-2032 (USD Billion)

TABLE 5. Global Contactless Smart Cards market estimates & forecasts by Industry
Vertical 2022-2032 (USD Billion)

TABLE 6. Global Contactless Smart Cards market by segment, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 7. Global Contactless Smart Cards market by region, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 8. Global Contactless Smart Cards market by segment, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 9. Global Contactless Smart Cards market by region, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 10. Global Contactless Smart Cards market by segment, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 11. Global Contactless Smart Cards market by region, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 12. Global Contactless Smart Cards market by segment, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 13. Global Contactless Smart Cards market by region, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 14. Global Contactless Smart Cards market by segment, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 15. U.S. Contactless Smart Cards market estimates & forecasts, 2022-2032
(USD Billion)

TABLE 16. U.S. Contactless Smart Cards market estimates & forecasts by segment
2022-2032 (USD Billion)

TABLE 17. U.S. Contactless Smart Cards market estimates & forecasts by segment
2022-2032 (USD Billion)

TABLE 18. Canada Contactless Smart Cards market estimates & forecasts, 2022-2032
(USD Billion)

TABLE 19. Canada Contactless Smart Cards market estimates & forecasts by segment
2022-2032 (USD Billion)

TABLE 20. Canada Contactless Smart Cards market estimates & forecasts by segment
2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Contactless Smart Cards market, research methodology
- FIG 2. Global Contactless Smart Cards market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Contactless Smart Cards market, key trends 2023
- FIG 5. Global Contactless Smart Cards market, growth prospects 2022-2032
- FIG 6. Global Contactless Smart Cards market, porters 5 force model
- FIG 7. Global Contactless Smart Cards market, PESTEL analysis
- FIG 8. Global Contactless Smart Cards market, value chain analysis
- FIG 9. Global Contactless Smart Cards market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Contactless Smart Cards market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Contactless Smart Cards market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Contactless Smart Cards market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Contactless Smart Cards market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Contactless Smart Cards market, regional snapshot 2022 & 2032
- FIG 15. North America Contactless Smart Cards market 2022 & 2032 (USD Billion)
- FIG 16. Europe Contactless Smart Cards market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific Contactless Smart Cards market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Contactless Smart Cards market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Contactless Smart Cards market 2022 & 2032 (USD Billion)
- FIG 20. Global Contactless Smart Cards market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Contactless Smart Cards Market Size study, by Functionality (Transaction, Security and Access Control), by Type (Memory, MPU Microprocessor), by Industry Vertical (BFSI, Retail, Healthcare, Hospitality, Transportation and Logistics, Media and Entertainment, Others) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/GC255556A602EN.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/GC255556A602EN.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