

GLOBAL RETAIL AUTOMATION MARKET

By POS Products (Kiosk, SCO, Cash Register, Receipt Printer, Currency Counter, Weight Scale, Barcode Reader), Supply Chain Products (Belt Conveyor, Scissor Lift, Electronic Shelf Label) & Geography (2013 – 2018)

[Report Description](#)

[Executive Summary](#)

[Table of Contents](#)

[List of Tables](#)

[Sample Tables](#)

[Related Reports](#)

[About MarketsandMarkets](#)



MarketsandMarkets

North - Dominion Plaza,
17304, Preston Road, Suite 800,
Dallas, TX 75252, U.S.

Tel. No.: 1-888-600-6441

Email: sales@marketsandmarkets.com
Website: www.marketsandmarkets.com



MARKETSANDMARKETS

Report Description

Key Take-aways

- Intensive analysis and revenue forecasts of the retail automation Market.
- All the major markets are covered across all the geographies.
- Impact analysis of market dynamics that describe factors currently driving and restraining growth of the market, along with their impact in the near, medium, and long term.
- Burning issues and opportunities with respect to retail automation market.
- Company profiles and market share analysis state the competitive intelligence of market.
- Revenue growth strategies are devised from the market size and forecasts statistics for the next five years.
- Key growth strategies for companies in the field of retail automation are provided through analysis of the competitive landscape.

Report Description

The global retail industry is developing and growing with unprecedented changes. Retailers require advanced and developed systems to meet current market needs such as reducing the cost, accurate results and fast processing. Retail automation is a solution to these needs by providing the automated machines. The Retail Automation Market is expected to grow by leaps & bounds over the next 5-6 years on account of the presence of various drivers such as increasing need for fast process completion, growing automation market and developing retail market. Retail automation is a burning trend in some of the major economies such as in the U.S., Germany, China, and so on. Future retail market will rely on automated systems to cherish the market opportunities because of its accuracy and speed.

The report covers major retail automation equipments which are being used across various retail outlets around the world. The retail automation market has been segmented by two categories such as: Physical electronic POS (Point of Sales)

terminals and unattended terminals. These two categories have been further divided into various sub-categories such as stationary/fixed POS terminals, mobile/portable POS terminals, contactless POS terminals, and kiosks/vending machines.

The report also includes retail supply chain automation market, which covers the major components such as belt conveyors, auto scissor lifts and automated dispensing cabinets.

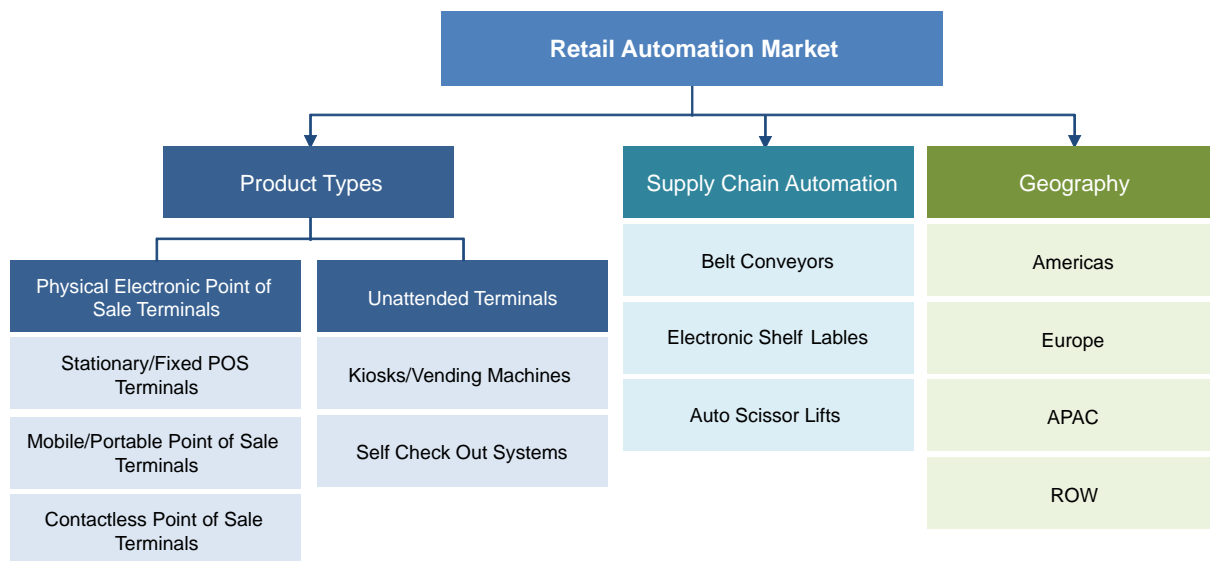
Geographically, the entire market is segmented into four geographical regions such as Americas, Europe, Asia-Pacific and Rest of the World, with current and future trends for each region analyzed in the report. The report includes all the driving factors and restraints; it also describes the opportunities in the retail automation market. It highlights the burning issues as well as winning imperatives to gain competitive edge in this industry. It also profiles all the major companies involved in the field of retail automation, covering their entire product offerings, financial details, strategies and recent developments.

Report Description

Markets Covered

The retail automation market is segmented into following categories:-

Overview Of Retail Automation Market



Stakeholders

- Kiosk Manufacturers
- Self-Checkout System Manufacturers
- Cash Register Manufacturers
- Bill Receipt Printer Manufacturers
- Weight Scale Manufacturers
- Currency Counter Manufacturers
- Barcode Reader Manufacturers
- Card Reader Manufacturers
- PIN pad Manufacturers
- Contactless Card Reader Manufacturers
- Belt Conveyor Manufacturers
- Electric Shelf Label Manufacturers
- Scissor Lift Manufacturers
- Retail Automation System integrators
- Retail Automation component manufacturers
- Investment bankers
- Researchers
- Governments
- Investors (Private Equity, Venture Capital, etc.)

Research Methodology

Research methodology for this report includes primary as well as secondary research sources. The description of these sources is as follows:

Secondary Research

- Various secondary sources, directories, and databases such as Factiva and OneSource have been used to

Report Description

identify and collect information useful for this extensive study.

- Additional commercial insight has been extracted from various market reports, whitepapers, research presentation, articles, and professional experts.
- Companies' news and their financial reports were analyzed.

Primary Research

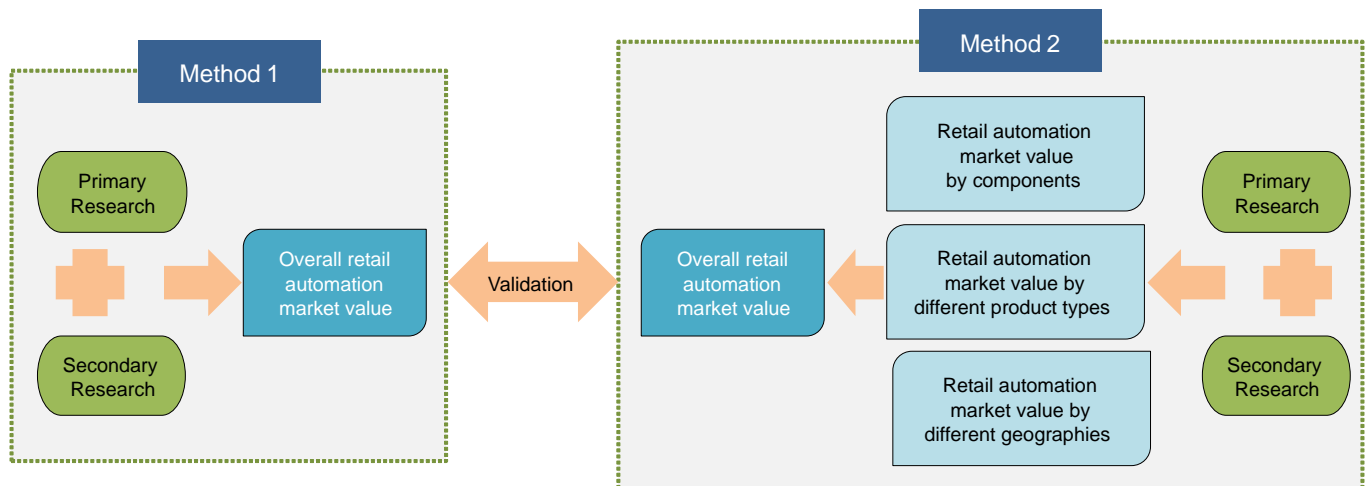
- Telephonic conversations and discussions were

conducted with industry experts, researchers and retail automation products manufacturers and suppliers to gain the information from original sources.

- Gained information related to market share of the players, geographical analysis, components market, product market, and growth prospects of the industry from primary research.

The following illustrative figure shows the market research methodology applied while making this report on the global retail automation market.

Research Methodology for Retail Automation Market



We have used secondary sources: directories, and databases such as Hoovers, Bloomberg, Businessweek, Factiva, and companies' annual reports to identify and collect information useful for this extensive technical, market-oriented, and commercial study of the global retail automation market. The primary sources are mainly experts from core and related industries and preferred suppliers, manufacturers, distributors, administrators from organizations related to all the segments of this industry who have been interviewed to obtain and verify critical information as well as assess the future prospects. The above-mentioned illustrative figure shows the market research methodology applied in making this report.

As shown in the figure, the data of the value for the overall market is calculated directly from the primary and the secondary data sources called as method 1. Another method

to calculate the market value for components, product types, geographies of the retail automation market from data sources are also used; this is termed as method 2.

Thus, if the overall market value of the retail automation market which is calculated from the market by components, product types, and geographies obtained from method 2 matches with the overall market value of the retail automation market obtained from method 1, then validation is done. In the extensive secondary research process for this research study, several hundreds of secondary sources such as certified publications, articles from recognized authors; whitepapers, annual reports of companies, gold standard & silver standard websites, directories, and databases are used to identify and collect information useful for this extensive technical and commercial study of this global market.

Report Description

Extensive primary research study was conducted for this research study with— industry experts such as CEOs, Vice Presidents, Marketing Director, Technology & Innovation Directors, Marketing managers, and related key executives from various key companies, organizations in the retail automation products manufacturing industry and primary research also conducted with the allied supply chain industry to obtain and verify both qualitative and quantitative aspects of this research study.

Secondary research was mainly used to obtain key information such as industry's value chain, total pool of key players, market classification & segmentation, and so on. The complete market engineering is done by secondary research with calculations to market statistics, such as market size, and market forecast. Data triangulation is done basically by extensive primary research, which was mainly used to gather

extensive information, to verify and validate critical numbers we arrived at, related to segmentation types, industry trends, key players, competitive landscape of each product market. Primary research is also beneficial to understand Key market dynamics such as drivers, restraints, opportunities, burning issues, winning imperatives, key player strategies, industry life cycle, evolutions and timelines.

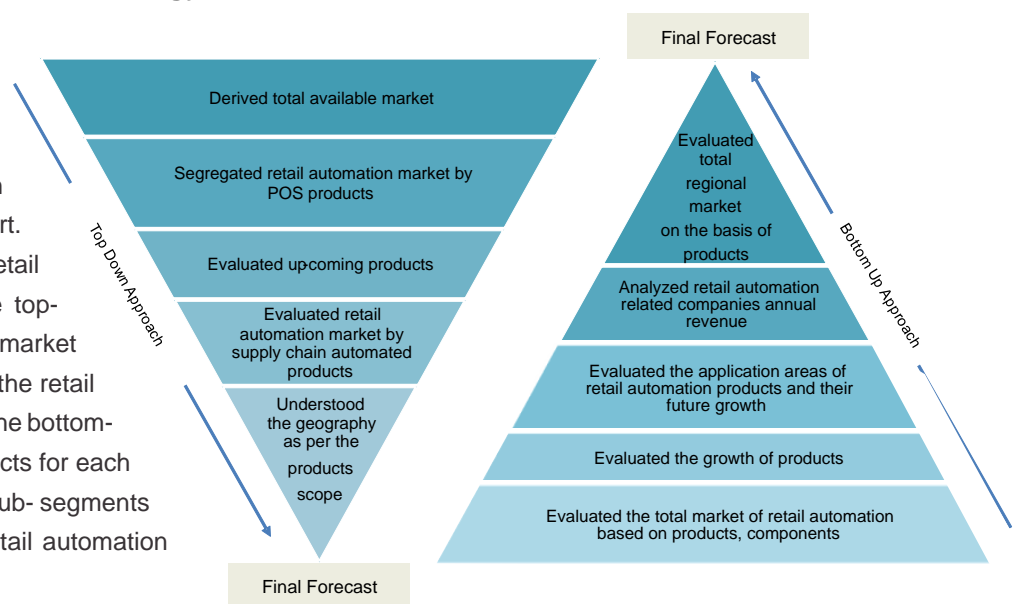
For the entire market engineering done for the total market crackdown, top-down, and bottom-up approaches were used extensively along with several data triangulation methods to perform market estimation and market forecasting for the overall market, segments, and sub-segments listed in this report. Extensive qualitative and further quantitative analysis was also done from all the numbers arrived at in the market engineering process, to list key information throughout the report.

Market Size

- Size of the overall market was derived from primary research. Forecasts are based on the analysis of various product types, various components and the trend for various geographies.
- The geographical split is determined using secondary sources and verified by primary sources. It is based on the factors such as retail market of that region, players present in that region and the activity related to the automation.

Retail Automation Market Research Strategy

Both – “top-down” and “bottom-up” procedures were used and data triangulation procedure was implemented for market crackdown with respect to retail automation report. The overall size (revenue) of retail automation market was used in the top-down procedure, so as to arrive at the market sizes of all individual sub-markets in the retail automation market segmentation. In the bottom-up procedure, the market of all products for each segment is calculated from different sub-segments and we arrived at the total global retail automation market size.



Report Description

Key Data Points from Secondary Sources

- Overall market structure, breakdown, and value chain
- Industry overview & growth prospects
- Segmentation of the market by POS (point of sale) automated products, supply chain automated products, and geographies
- Key strategies of the companies' active in the industry
- Revenue and other major details of the companies from annual reports and other source
- Major areas of global retail automation market where developments are taking place.
- Key strategies of the companies' active in the industry
- Estimates of the growth rates, revenue, historical data, and predictions of the industry
- Qualitative data in terms of new product launch, mergers, acquisitions, agreements, contracts, associations, and so on
- Industry experts' opinions, suggestions, and thoughts on the industry roadmap through annual reports, press releases, interview experts, and so on

Key Data Points Taken from Primary Sources

- Verification of data collected by secondary research.
- Latest technological developments.
- Market trends and forecast estimates. Industries key insights.
- Company's strength and their expansion plans.
- Market segmentation.
- Geographical markets and their contributions, major players, and their market share in the retail automation market.

Assumptions Made for this Report

- Quantitative data is analyzed on the basis of qualitative information entirely based on experts understanding of the market.
- All market values are in U.S. dollar.
- All USD exchange rates are as of 2013.
- In this report, product category includes two segments such as physical electronic point of sales (POS) terminals and unattended terminals.
- Physical electronic POS Terminals category includes three segments such as Stationary/Fixed POS terminals (which covers Cash Registers, Bill/Receipt Printers, Weight Scales, Currency/Money Counters/Counting Machines, and Barcode Readers/Scanners), Mobile/Portable POS Terminals(which includes Card Readers and PIN pads), Contactless POS Terminals (which includes Contactless Card Readers).
- Unattended terminals category covers two products such as kiosks/vending machines and self-checkout systems.
- The products/equipments considered under supply chain automation segment are belt conveyors, scissor lifts, and electronic shelf labels.
- The global retail automation market is segmented on the basis of four geographical regions such as Americas, Europe, APAC, and ROW.
- Prices of the retail automation products are taken on average basis for global and regional markets.
- The price of the different retail automation products/components is considered on the basis of the different secondary sources and primary interviews.
- Only product vending kiosks are included under kiosk category.
- Prices for retail automation products are constant for one particular year, inflation is not part of it
- A particular year average is considered while calculating the exchange rates.

Report Description

- Report does not include retail automated products for hospitality and food industry such as restaurant, hotels, and banks. The market size has been calculated on the basis of sales trends.
- Regarding the global economy landscape, no recessions, downturns, economic collapses of any sort are considered while forecast of any market in this research study

List of Companies covered during Study

- Casio Computer Company, Limited (Japan)
- CTS (Connected Technology Solutions) (U.S.)
- Eltrade (Bulgaria)
- First Data Corporation (U.S.)
- FUJITSU (Japan)
- Honeywell Scanning and Mobility (U.S.)
- Ingenico (France)
- Intermec Technologies Corporation (Acquired by Honeywell) (U.S.)
- Motorola Solutions, Inc. (U.S.)
- NCR Corporation (U.S.)
- Posiflex Technology, Inc (Taiwan)
- Pricer (Sweden)
- SEIKO EPSON CORP. (Japan)
- Signifi Solutions Inc. (Canada)
- Store Electronic Systems (France)
- TOSHIBA Global Commerce Solutions (U.S.)
- Unitech Electronics Co., Ltd (Taiwan)
- VeriFone Systems Inc (U.S.)
- Wincor Nixdorf (Germany)
- Zebra Technologies Corporation (U.S.)

Executive Summary

Retail automation is an emerging market, which includes two different types of markets such as: retail point of sale automation and retail supply chain automation. Retail automation market is completely depended on retail industry growth. In future, retail automation will control the growth of retail market because of its high quality service offerings.

Retail automation market depends on the economic condition of a country. GDP is the economic factor which has a great impact on the growth of automation. This indicator affects the customer/consumer buying behavior. Automation is beneficial for inventory control of a retail store whether that is a departmental store, hypermarket, or a shopping mall. It improves the inventory visibility and accuracy in inventory management. Use of automation helps to improve customer satisfaction as well as retailers' satisfaction by reducing the cost of operation.

Various innovations are taking place to develop the retail automation market such as touch screen kiosk to, use of tablets and smart phones at POS (point of sale). Various big corporate entities are interested in manufacturing automated products such as Google (U.S.), and Apple (U.S.).

Retail automation market includes many products such as cash register, card reader, barcode reader, and self-service machines. The continuous growth of self service products such as Kiosk, and self-checkout system is driving the overall retail automation market. Other point of sale terminals such as Cash registers, barcode scanners, and receipt/bill printer are also contributing strongly in retail automation market growth. Supply chain automation market has products like electronic shelf label, auto scissor lift, and belt conveyor. Supply chain automation

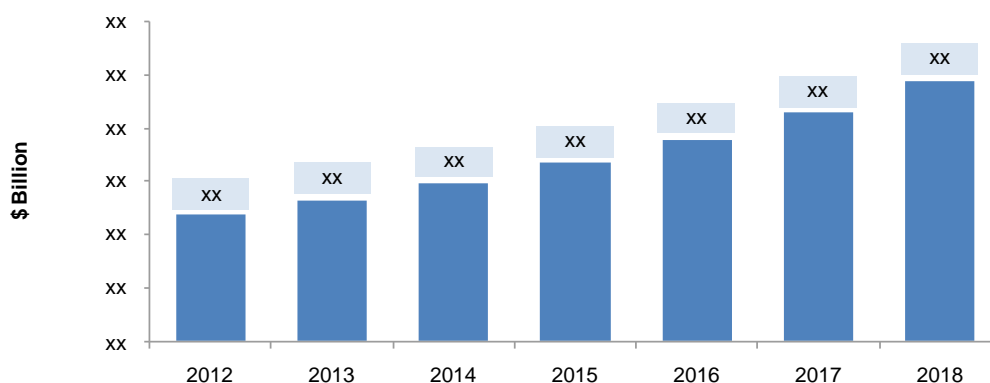
helps to save the work time and improves the retailers' service quality. Although supply chain automation is not directly related to customers, but indirectly it enhances customer satisfaction.

Growing retail market and customers' increasing need for advanced services are the major drivers of retail automation market. On the other hand, some of the restrains are creating difficulty in retail automation market growth such as high dependence on power, and operational difficulty to manage self-service machines. Apart from these challenges, retail automation market has growth opportunity in various geographies such as in the Middle East countries.

Americas is a developed region, it covers xx% of global retail automation market. Americas market growth is majorly driven by the U.S.. On the other hand, it is also driven by various factors such as developed retail sector, presence of major retailers such as Wal-Mart (U.S.), Kroger (U.S.), Costco (U.S.), Target (U.S.), Walgreens (U.S.) and customers need for sophisticated services in retail. Europe is increasing its foothold in retail automation due to development in some of the specific countries such as Germany, U.K., and France. At present APAC market is small but expected to grow in next 5-6 years. Countries such as Japan, China and India will drive the automation in APAC retail market

Some of the major companies dominating the retail automation market are Verifone (U.S.), Pricer (Sweden), SES (France), Toshiba (U.S.), NCR (U.S.), First Data (U.S.), Zebra Technologies, Motorola, Casio, Posiflex (Taiwan), Wincor-Nixdorf (Germany), ELTRADE (Bulgaria), Fujitsu (Japan), CTS (U.S.), and Ingenico (France).

Global Retail Automation Market Revenue, 2012 – 2018 (\$Billion)



Executive Summary

Global retail automation market is expected to show a growth rate of 13.09% in next five years (2013 – 2018) to reach \$xx billion. At present in 2013, the market is \$xx billion and the

growth of kiosk market is the major contributor towards the retail automation market.

Global Retail Automation Market Revenue, By Geography, 2012 - 2018 (\$Billion)

Region	2012	2013	2014	2015	2016	2017	2018	CAGR% (2013 - 2018)
Americas	xx	xx	xx	xx	xx	xx	xx	xx
Europe	xx	xx	xx	xx	xx	xx	xx	xx
APAC	xx	xx	xx	xx	xx	xx	xx	xx
ROW	xx	xx	xx	xx	xx	xx	xx	xx
Total	xx	xx	xx	xx	xx	xx	xx	xx

Americas covers around xx% of global retail automation market in 2013, due to its advanced and developed retail sector, which creates a high demand for automated products. Americas market is expected to reach \$xx billion in 2018 from \$xx billion in 2013 at a CAGR of xx% in next five years (2013-2018) due to the strong growth in Americas kiosk market.

The European market is expected to grow from \$xx billion in 2013 to \$xx billion in 2018, at an estimated CAGR of xx% from 2013 to 2018 due to the growth in some of the specific countries

such as the U.K., Germany, and France. APAC market covers xx% share of total retail automation market in 2013 but it is expected to show a high growth rate of xx% in next five years (2013 – 2018), which is a result of growing organized retail market in Asia. ROW is a small market as compared to other regions and is expected to reach \$xx billion in 2018 at a CAGR of xx% in next five years (2013 – 2018) due to growth in countries such as Brazil.

Table of Contents

Chapter Headings	Page No.
1. Introduction	22
1.1 Key Take-Aways.....	22
1.2 Report Description	22
1.3 Markets Covered.....	24
1.4 Stakeholders	24
1.5 Research Methodology	25
1.5.1 Market size.....	28
1.5.2 Key data points from secondary sources	30
1.5.3 Key data points from primary sources.....	30
1.5.4 Assumptions made for this report.....	31
1.5.5 List of companies covered during study	32
2 Executive Summary	33
3. Market Overview.....	39
3.1 Introduction	40
3.2 Market Segmentation	40
3.3 Evolution of Retail Automation	42
3.4 Industry Life Cycle.....	44
3.5 Market Dynamics	45
3.5.1 Drivers.....	45
3.5.1.1 Growing retail market	46
3.5.1.2 Advanced customer need	46
3.5.1.3 Retailers need to reduce the cost of retail stores.....	47
3.5.1.4 The growing number of organized retail stores.....	47
3.5.2 Restraints	48
3.5.2.1 Retailers regular need to check & feed their products into kiosks	48
3.5.2.2 High dependence on power	49
3.5.2.3 Self-service machines are creating issues for retailers and customers due to absence of an operator	49
3.5.3 Opportunities.....	50
3.5.3.1 Developing geographies with growing need for advanced automated products in retail	50

Table of Contents

Chapter Headings.....	Page No.
3.6 Burning Issue.....	51
3.6.1 Weak economic condition of specific countries limits the scope of retail automation.....	51
3.7 Winning Imperative.....	52
3.7.1 Retail automation players focus on developing organized retail market.....	52
3.8 Value Chain Analysis.....	52
3.8.1 Materials.....	54
3.8.2 Components manufacturing.....	54
3.8.3 System manufacturing/integration.....	54
3.8.4 Endusers.....	54
3.8.5 Supporting institutions.....	54
3.9 Porter's Five Forces Analysis.....	55
3.9.1 Supplier's bargaining power.....	56
3.9.2 Buyer's bargaining power.....	57
3.9.3 Threat of new entrants.....	58
3.9.4 Threat of substitutes.....	59
3.9.5 Competitive rivalry.....	60
4. Retail Automation PoS Market, by Product.....	61
4.1 Retail Automation Point of Sale Terminals.....	62
4.1.1 Physical electronic point of sale terminals.....	66
4.1.1.1 Stationary/fixed point of sale terminals.....	70
4.1.1.1.1 Cash register.....	73
4.1.1.1.1.1 Major companies offering cash register.....	75
4.1.1.1.2 Receipt/bill printer.....	76
4.1.1.1.2.1 Major companies offering receipt/bill printer.....	76
4.1.1.1.3 Weight scale.....	79
4.1.1.1.4 Currency counter.....	80
4.1.1.1.4.1 Major companies offering currency counter.....	81
4.1.1.1.5 Barcode reader.....	82
4.1.1.1.5.1 Major companies offering barcode reader/scanner.....	83
4.1.1.2 Mobile/portable point of sale terminals.....	85
4.1.1.2.1 Card reader.....	87
4.1.1.2.1.1 Major companies offering card readers.....	88

Table of Contents

Chapter Headings	Page No.
4.1.1.2.2 Pin pad	89
4.1.1.2.2.1 Major companies offering pin pad	90
4.1.1.3 Contactless point of sale terminals	91
4.1.1.3.1 Contactless card reader	91
4.1.1.3.1.1 Major companies offering contactless card reader	92
4.1.2 Unattended terminals	94
4.1.2.1 Kiosks/vending machine	97
4.1.2.1.1 Major companies offering kiosk	98
4.1.2.1.2 Kiosk components market	100
4.1.2.2 Self-checkout system	100
4.1.2.2.1 Major companies offering SCO	101
4.1.2.2.2 Self-checkout components market	103
<hr/>	
5. Retail Automation Market, by Supply Chain Products	104
5.1 Retail Supply Chain Automation Market	105
5.1.1 Belt conveyors	110
5.1.2 Auto scissor lift	113
5.1.3 Electronic shelf labels	115
<hr/>	
6. Retail Automation Market by Geography	118
6.1 Introduction	119
6.2 Americas	123
6.2.1 Americas retail stationary/fixed PoS terminals market, by product	128
6.2.2 Americas retail mobile/portable point of sale terminals, by product	129
6.2.3 Americas retail unattended terminals market, by product	131
6.2.4 Americas retail supply chain market, by product	132
6.2.5 Americas retail automation market volume, by product	133
6.3 Europe	135
6.3.1 Europe retail stationary/fixed PoS terminals market, by product	139
6.3.2 Europe retail mobile/portable point of sale terminals, by product	140
6.3.3 Europe retail unattended terminals market, by product	142

Table of Contents

Chapter Headings	Page No.
6.3.4 Europe retail supply chain market, by product	143
6.3.5 Europe retail automation market volume, by product.....	144
6.4 Asia-Pacific (APAC)	146
6.4.1 APAC retail stationary/fixed PoS terminals market, by product.....	151
6.4.2 APAC retail mobile/portable point of sale terminals, by product.....	152
6.4.3 APAC Retail Unattended Terminals Market, By Product	154
6.4.4 APAC retail supply chain market, by product	155
6.4.5 APAC retail automation market volume, by product.....	156
6.5 Rest of the World (ROW).....	158
6.5.1 ROW retail stationary/fixed PoS terminals market, by product	162
6.5.2 ROW retail mobile/portable point of sale terminals, by product	163
6.5.3 ROW retail unattended terminals market, by product	165
6.5.4 ROW retail supply chain market, by product	166
6.5.5 ROW retail automation market volume, by product.....	167
<hr/>	
7. Competitive Landscape	169
7.1 Key Growth Strategies	169
7.2 Market Share Analysis	170
7.2.1 Market share analysis of self-checkout systems.....	170
7.2.2 Market share analysis of electronic shelf label.....	171
7.3 Competitive Situation and Trend.....	172
7.4 Mergers & Acquisitions.....	172
7.5 Collaboration/Partnership/Agreement/Joint Venture	173
7.6 New Product Launch	177
<hr/>	
8. Company Profiles	186
<i>(Overview, Products And Services, Financials, Strategy & Development)*</i>	
8.1 CASIO COMPUTER CO.	186
8.2 CONNECTED TECHNOLOGY SOLUTIONS.....	193
8.3 ELTRADE	198
8.4 FIRST DATA CORPORATION	204

Table of Contents

Chapter Headings.....	Page No.
8.5 FUJITSU LIMITED.....	211
8.6 HONEYWELL SCANNING AND MOBILITY.....	218
8.7 INGENICO.....	222
8.8 INTERMEC TECHNOLOGIES CORPORATION (ACQUIRED BY HONEYWELL).....	229
8.9 MOTOROLA SOLUTIONS, INC.....	235
8.10 NCR CORPORATION.....	243
8.11 POSIFLEX TECHNOLOGY, INC.....	251
8.12 PRICER.....	257
8.13 SEIKO EPSON CORP.....	263
8.14 SIGNIFI.....	268
8.15 STORE ELECTRONIC SYSTEM SA.....	273
8.16 TOSHIBA GLOBAL COMMERCE SOLUTIONS, INC. (A TOSHIBA AND IBM COMPANY).....	277
8.17 UNITECH ELECTRONICS CO. LTD.....	284
8.18 VERIFONE SYSTEMS INC.....	287
8.19 WINCOR NIXDORF.....	294
8.20 ZEBRA TECHNOLOGIES CORPORATION.....	301

**Details On Overview, Products And Services, Financials, Strategy & Development Might Not Be Captured In Case Of Unlisted Companies.*

List of Tables

Table Titles	Page No.
1 Global Retail Automation Market Revenue, by Geography, 2012 - 2018 (\$Billion)	35
2 Global Retail Automation Market Revenue, by Product, 2012 - 2018 (\$Billion)	36
3 Global Retail Automation Market Volume, by Product, 2012 - 2018 (Million Units)	37
4 Global Retail Automation Point of Sale Terminals Market Revenue, by Segment, 2012 - 2018 (\$Billion)	63
5 Global Retail Automation Point of Sale Terminals Market Revenue, by Geography, 2012 - 2018 (\$Billion)	64
6 Global Retail Automation PoS Market Volume, by Product, 2012 - 2018 (Million Units)	65
7 Global Retail Automation Physical Electronic Point of Sales Terminals Market Revenue, by Segment, 2012 - 2018 (\$Billion)	67
8 Global Retail Automation Physical Electronic PoS Market Revenue, by Geography, 2012 - 2018 (\$Billion)	68
9 Global Retail Automation Physical Electronic PoS Market Volume, by Product, 2012 - 2018 (Million Units)	69
10 Global Retail Automation Stationary/Fixedpos Terminals Market Revenue, by Products, 2012 - 2018 (\$Billion)	71
11 Global Retail Automation Stationary/Fixed PoS Terminals Market Revenue, by Geography, 2012 - 2018 (\$Billion)	72
12 Global Retail Automation Stationary/Fixed PoS Terminals Market Volume, by Product, 2012 - 2018 (Million Units)	73
13 Global Retail Automation Cash Register Market Revenue, by Geography, 2012 - 2018 (\$Billion)	75
14 Global Retail Automation Cash Register Market Volume, by Geography, 2012 - 2018 (Million Units)	76
15 Global Retail Automation Bill Printer Market Revenue, by Geography, 2013 - 2018 (\$Million)	77
16 Global Retail Automation Bill Printer Market Volume, by Geography, 2012 - 2018 (Million Units)	78
17 Global Retail Automation Weight Scale Market Revenue, by Geography, 2012 - 2018 (\$Million)	79
18 Global Retail Automation Weight Scale Market Volume, by Geography, 2012 - 2018 (Million Units)	80
19 Global Retail Automation Currency Counting Machine Market Revenue, by Geography, 2012 - 2018 (\$Million)	81
20 Global Retail Automation Currency Counting Machine Market Volume, by Geography, 2012 - 2018 (Million Units)	82
21 Global Retail Automation Barcode Scanner/Reader Market Revenue, by Geography, 2012 - 2018 (\$Million)	83
22 Global Retail Automation Barcode Scanner/Reader Market Volume, by Geography, 2012 - 2018 (Million Units)	84
23 Global Retail Mobile/Portable Point of Sale Terminals Market Revenue, by Products, 2012 - 2018 (\$Million)	85
24 Global Retail Automation Mobile/Portable Point of Sale Terminals Market Revenue, by Geography, 2012 - 2018 (\$Million)	86
25 Global Retail Automation Mobile/Portable Point of Sale Terminals Market Volume, by Geography, 2012 - 2018 (Million Units)	87
26 Global Retail Automation Card Reader Market Revenue, by Geography, 2012 - 2018 (\$Million)	88
27 Global Retail Automation Card Reader Market Volume, by Geography, 2012 - 2018 (Thousand Units)	89
28 Global Retail Automation Pin Pads Market Revenue, by Geography, 2012 - 2018 (\$Million)	90
29 Global Retail Automation Pin Pads Market Volume, by Geography, 2012 - 2018 (Million Units)	91

List of Tables

Table Titles	Page No.
30 Global Retail Automation Contactless Point of Sale Terminals Market Revenue, by Geography, 2012 - 2018 (\$Million).....	93
31 Global Retail Automation Contactless Point of Sale Terminals Market Volume, by Geography, 2012 - 2018 (Thousand Units).....	94
32 Global Retail Unattended Terminals Market Revenue, by Products, 2012 - 2018 (\$Billions).....	95
33 Global Retail Automation Unattended Terminals Market Revenue, by Geography, 2012 - 2018 (\$Billion)	96
34 Global Retail Automation Kiosk Market Revenue, by Geography, 2012 - 2018 (\$Billion)	98
35 Global Retail Automation Kiosk Market Volume, by Geography, 2012 - 2018 (Million Units).....	99
36 Global Retail Kiosks/Vending Machines Market Revenue, by Component, 2012 - 2018 (\$Billion)	100
37 Global Retail Automation SCO Market Revenue, by Geography, 2012 - 2018 (\$Million).....	101
38 Global Retail Automation SCO Market Volume, by Geography, 2012 - 2018 (Thousand Units)	102
39 Global Retail Selfcheck Out System Market Revenue, by Component, 2012 - 2018 (\$Million)	103
40 Global Retail Automation Market Revenue, by Segment, 2012 - 2018 (\$Billion)	106
41 Global Retail Automation Supply Chain Market Revenue, by Geography, 2012 - 2018 (\$Million)	107
42 Global Retail Supply Chain Market Revenue, by Products, 2012 - 2018 (\$Billion)	108
43 Global Retail Automation Supply Chain Market Volume, by Product, 2012 - 2018 (Million Units)	109
44 Global Retail Automation Belt Conveyor Market Revenue, by Geography, 2012 - 2018 (\$Million)	111
45 Global Retail Automation Belt Conveyor Market Volume, by Geography, 2012 - 2018 (Thousand Meters).....	112
46 Global Retail Automation Auto Scissor Lift Market Revenue, by Geography, 2012 - 2018 (\$Million)	114
47 Global Retail Automation Auto Scissor Lift Market Volume, by Geography, 2012 - 2018 (Thousand Units)	115
48 Global Retail Automation Electronic Shelf Label Market Revenue, by Geography, 2012 - 2018 (\$Million)	116
49 Global Retail Automation Electronic Shelf Label Market Volume, by Geography, 2012 - 2018 (Thousand Units)	117
50 Global Top 10 Retailers : 2013	120
51 Global Retail Automation Market Revenue, by Segment, 2012 - 2018 (\$Billion)	121
52 Global Retail Automation Market Revenue, by Geography, 2012 - 2018 (\$Billion)	122
53 Americas: Retail Automation Market Revenue, by Segment, 2012 - 2018 (\$Billion).....	125
54 Americas: Retail PoS Market Revenue, by Segment, 2012 - 2018 (\$Billion).....	126
55 Americas: Retail Physical Electronic Point of Sale Terminals Market Revenue, by Segment, 2012 - 2018 (\$Million).....	127
56 Americas: Retail Stationary/Fixed PoS Terminals Market Revenue, by Product, 2012 - 2018 (\$Million).....	128
57 Americas: Retail Mobile/Portable Point of Sale Terminals Market Revenue, by Product, 2012 - 2018 (\$Million)	129
58 Americas: Retail Unattended Terminals Market Revenue, by Product, 2012 - 2018 (\$Billion).....	131

List of Tables

Table Titles	Page No.
59 Americas: Retail Supply Chain Market Revenue, by Product, 2012 - 2018 (\$Billion)	132
60 Americas: Retail Automation Market Volume, by Product, 2012 - 2018 (Million Units)	133
61 Europe: Retail Automation Market Revenue, 2012 - 2018 (\$Billion)	136
62 Europe: Retail Automation Market Revenue, by Segment, 2012 - 2018 (\$Billion)	136
63 Europe: Retail PoS Market Revenue, by Segment, 2012 - 2018 (\$Billion)	137
64 Europe: Retail Physical Electronic Point of Sale Terminals Market Revenue, by Segment, 2012 - 2018 (\$Million) ..	138
65 Europe: Retail Stationary/Fixed PoS Terminals Market Revenue, by Product, 2012 - 2018 (\$Million)	139
66 Europe: Retail Mobile/Portable Point of Sale Terminals Market Revenue, by Product, 2012 - 2018 (\$Million).....	140
67 Europe: Retail Unattended Terminals Market Revenue, by Product, 2012 - 2018 (\$Billion)	142
68 Europe: Retail Supply Chain Market Revenue, by Product, 2012 - 2018 (\$Million)	143
69 Europe: Retail Automation Market Volume, by Product, 2012 - 2018 (Million Units).....	144
70 APAC: Retail Automation Market Revenue, by Segment, 2012 - 2018 (\$Billion)	148
71 APAC: Retail PoS Market Revenue, by Segment, 2012 - 2018 (\$Billion)	149
72 APAC: Retail Physical Electronic Point of Sale Terminals Market Revenue, by Segment, 2012 - 2018 (\$Million).....	150
73 APAC: Retail Stationary/Fixed PoS Terminals Market Revenue, by Product, 2012 - 2018 (\$Million)	151
74 APAC: Retail Mobile/Portable Point of Sale Terminals Market Revenue, by Product, 2012 - 2018 (\$Million).....	152
75 APAC: Retail Unattended Terminals Market Revenue, by Product, 2012 - 2018 (\$Billion)	154
76 APAC: Retail Supply Chain Market Revenue, by Product, 2012 - 2018 (\$Million)	155
77 APAC: Retail Automation Market Volume, by Product, 2012 - 2018 (Million Units).....	156
78 RoW: Retail Automation Market Revenue, by Segment, 2012 - 2018 (\$Billion).....	159
79 RoW: Retail PoS Market Revenue, by Segment, 2012 - 2018 (\$Billion)	160
80 RoW: Retail Physical Electronic Point of Sale Terminals Market Revenue, by Segment, 2012 - 2018 (\$Million)	161
81 RoW: Retail Stationary/Fixed PoS Terminals Market Revenue, by Product, 2012 - 2018 (\$Million)	162
82 RoW: Retail Mobile/Portable Point of Sale Terminals Market Revenue, by Product, 2012 - 2018 (\$Million)	163
83 RoW: Retail Unattended Terminals Market Revenue, by Product, 2012 - 2018 (\$Billion).....	165
84 RoW: Retail Supply Chain Market Revenue, by Product, 2012 - 2018 (\$Million).....	166
85 RoW: Retail Automation Market Volume, by Product, 2012 - 2018 (Thousand Units)	167
86 Mergers & Acquisition.....	172
87 Collaboration/Partnership/Agreement/Joint Ventures.....	173
88 New Product Launch	177
89 Types of Cash Register	187

List of Tables

Table Titles	Page No.
90 Casio Computers: Overall Revenue, 2011 - 2012 (\$Million).....	188
91 Casio Computers: Net Sales by Segments, 2011 - 2012 (\$Million).....	188
92 Hardware Products of Eltrade	200
93 First Data Corporation: Overall Revenue, 2011 - 2012 (\$Million).....	206
94 First Data Corporation: Net Sales by Geography, 2011 - 2012 (\$Million).....	207
95 Fujitsu: Overall Revenue, 2011 - 2012 (\$Million).....	213
96 Fujitsu: Net Sales by Geography (\$Billion).....	214
97 Payment Terminals Offered by Ingenico.....	223
98 Ingenico: Overall Revenue, 2011 - 2012 (\$Million).....	224
99 Ingenico: Overall Revenue by Geography, 2011 - 2012 (\$Million)	224
100 Intermec, Inc.: Total Revenue and Net Income, 2011 - 2012 (\$Million).....	230
101 Intermec, Inc.: Market Revenue, by Segments, 2011 - 2012 (\$Million).....	231
102 Intermec, Inc.: Market Revenue, by Geography, 2011 - 2012 (\$Million).....	232
103 Motorola Solutions: Overall Revenue, 2011 - 2012 (\$Million).....	237
104 Motorola Solutions: Net Sales From Products and Service, 2011 - 2012 (\$Million)	237
105 Motorola Solutions: Net Sales by Segment, 2011 - 2012 (\$Million).....	238
106 Motorola Solutions: Net Sales by Geography, 2011 - 2012 (\$Million)	239
107 NCR Corporation: Overall Revenue, 2011 - 2012 (\$Million).....	245
108 NCR Corporation: Overall Revenue by Segments, 2011 - 2012 (\$Million).....	246
109 NCR Corporation: Overall Revenue by Geography, 2011 - 2012 (\$Million)	246
110 Product Portfolio of Posiflex Technology Inc.....	251
111 Types of Electronic Shelf Labels	258
112 Pricer: Overall Revenue, 2011 - 2012 (\$Million).....	259
113 Pricer: Net Sales by Segments 2011 - 2012 (\$Million)	259
114 Pricer: Net Sales by Country, 2011 - 2012 (\$Million).....	260
115 Seiko Epson Corp.: Total Revenue & Net Income, 2011 - 2012 (\$Million)	264
116 Seiko Epson Corp.: Market Revenue, by Products, 2011 - 2012 (\$Million).....	265
117 Seiko Epson Corp.: Market Revenue, by Geography, 2011 - 2012 (\$Million)	266
118 Store Electronic Systems SA: Total Revenue and Net Income, 2011 - 2012 (\$Million).....	274
119 Store Electronic Systems SA: Market Revenue, by Products, 2011 - 2012 (\$Million).....	274
120 Store Electronic Systems SA: Market Revenue, by Geography, 2011 - 2012 (\$Million)	275

List of Tables

Table Titles	Page No.
121 Product Offering of Toshiba Global Commerce Solutions	278
122 Unitech Electronics Co. Ltd.: Total Revenue and Net Income, 2011 - 2012 (\$Million)	285
123 Product Offering of Verifone	288
124 Verifone: Overall Revenue, 2011 - 2012 (\$Million)	289
125 Verifone: Overall Revenue by Segments, 2011 - 2012 (\$Million)	290
126 Products for Retail Sector.....	295
127 Wincor Nixdorf: Overall Revenue, 2011 - 2012 (\$Million).....	296
128 Wincor Nixdorf: Overall Revenue by Segments, 2011 - 2012 (\$Million).....	297
129 Zebra Corporation: Products and Services	302
130 Zebra Technologies Corporation: Overall Revenue, 2011 - 2012 (\$Million)	303
131 Zebra Technologies Corporation: Net Sales by Product Category, 2011 - 2012 (\$Million).....	304
132 Zebra Technologies Corporation: Net Sales by Geography, 2011 - 2012 (\$Million)	304

List of Figures

Figure Titles	Page No.
1 Overview of Retail Automation Market	24
2 Research Methodology for Retail Automation Market	26
3 Retail Automation Market Research Strategy.....	29
4 Global Retail Automation Market Revenue, 2012 - 2018 (\$Billion)	34
5 Retail Automation Market Segmentation	40
6 Evolution of the Retail Automation Market.....	42
7 Industry Life Cycle	44
8 Impact Analysis of Drivers	45
9 Impact Analysis of Restraints	48
10 Retail Automation Market: Value Chain Analysis.....	53
11 Retail Automation Market: Porter's Five Force Model	55
12 Supplier's Bargaining Power	56
13 Bargaining Power of Buyers'	57
14 Threat of New Entrants.....	58
15 Threat of Substitutes	59
16 Competitive Rivalry.....	60
17 Retail Automation Point of Sale Terminals Segmentation.....	62
18 Physical Electronic POs Terminals Segmentation	66
19 Stationary/Fixed POs Terminals Products	70
20 Cash Register	74
21 Receipt/Bill Printer	77
22 Mobile/Portable Pos Terminals	85
23 Contactless Pos Terminals	92
24 Global Retail Contactless Point of Sale Terminals Market Revenue, 2012 - 2018 (\$Billion).....	92
25 Retail Supply Chain Automation Products.....	105
26 Belt Conveyor	110
27 Auto Scissor Lift	113
28 Global Retail Automation Market, By Geography, 2013 - 2018 (%).....	119
29 Americas: Retail Automation Market Revenue, 2012 - 2018 (\$Billion).....	124
30 Americas: Retail Contactless Point of Sale Terminals Market Revenue, 2012 - 2018 (\$Million).....	130
31 Europe: Retail Contactless Point of Sale Terminals Market Revenue, 2012 - 2018 (\$Million)	141

List of Figures

Figure Titles	Page No.
32 APAC: Retail Automation Market Revenue, 2012 - 2018 (\$Billion)	147
33 APAC: Retail Contactless Point of Sale Terminals Market Revenue, 2012 - 2018 (\$Million)	153
34 RoW: Retail Automation Market Revenue, 2012 - 2018 (\$Billion)	158
35 RoW: Retail Contactless Point of Sale Terminals Market Revenue, 2012 - 2018 (\$Million)	164
36 Key Growth Strategies	169
37 Market Share Analysis of Self-Checkout Systems, 2012	170
38 Market Share Analysis of Electronic Shelf Labels, 2012	171
39 SWOT Analysis of Casio Computers	190
40 SWOT Analysis of Connected Technology Solutions	195
41 Products & Services of Eltrade	199
42 SWOT Analysis of Eltrade	202
43 SWOT Analysis of First Data Corporation	208
44 SWOT Analysis: Fujitsu	215
45 SWOT Analysis of Ingenico	226
46 SWOT Analysis of Motorola Solutions	240
47 SWOT Analysis of NCR Corporation	248
48 SWOT Analysis of Posiflex Technology Inc	253
49 SWOT Analysis of Pricer	261
50 SWOT Analysis of Toshiba Global Commerce Solutions	281
51 SWOT Analysis of Verifone Systems Inc	291
52 Products & Services of Wincor Nixdorf	295
53 SWOT Analysis of Wincor Nixdorf	298
54 SWOT Analysis of Zebra Technologies Corporation	306

Sample Tables

Global Retail Automation Market Volume, By Product, 2012 – 2018 (Million Units)								
Products	2012	2013	2014	2015	2016	2017	2018	CAGR% (2013 - 2018)
Cash Register								
Bill Printer								
Weight Scale								
Currency Counter								
Barcode Reader								
Card Reader								
PIN pad								
Contactless Card Reader								
Kiosk								
SCO								
Belt Conveyor								
Auto Scissor Lift								
Electronic Shelf Label								
Total								

Global Retail Automation Point of Sale Terminals Market Revenue, By Geography, 2012 - 2018 (\$Billion)								
Region	2012	2013	2014	2015	2016	2017	2018	CAGR% (2013 - 2018)
Americas								
Europe								
APAC								
ROW								
Total								

Disclaimer

MarketsandMarkets strategic analysis services are limited publications containing valuable market information provided to a select group of customers in response to orders. Our customers acknowledge, when ordering, that MarketsandMarkets strategic analysis services are for our customers' internal use and not for general publication or disclosure to third parties. Quantitative market information is based primarily on interviews and therefore, is subject to fluctuation.

MarketsandMarkets does not endorse any vendor, product or service depicted in its research publications. MarketsandMarkets strategic analysis publications consist of the opinions of MarketsandMarkets' research and should not be construed as statements of fact. MarketsandMarkets disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

MarketsandMarkets takes no responsibility for any incorrect information supplied to us by manufacturers or users.

All trademarks, copyrights and other forms of intellectual property belong to their respective owners and may be protected by copyright. Under no circumstance may any of these be reproduced in any form without the prior written agreement of their owner.

No part of this strategic analysis service may be given, lent, resold or disclosed to non-customers without written permission.

Reproduction and/or transmission in any form and by any means including photocopying, mechanical, electronic, recording or otherwise, without the permission of the publisher is prohibited.

For information regarding permission, contact:

Tel: 1-888-600-6441

Email: sales@marketsandmarkets.com

Copyright © 2013 MarketsandMarkets

All Rights Reserved. This document contains highly confidential information and is the sole property of MarketsandMarkets. No part of it may be circulated, copied, quoted, or otherwise reproduced without the approval of MarketsandMarkets.

About MarketsandMarkets

We publish about 120 reports a year across 10 main industries. The reports are exhaustive, detailing about 50 micro markets and product segments, and featuring about 80 to 100 market data summary tables, 50 short company profiles, a five-level market breakdown, overviews of more than 300 patents, as well as analyses of the strategic and competitive landscape.

Our clients value our reports especially for the market insight we provide along with the market numbers. Our teams of specialized market analysts and domain experts work within a structured research process to deliver well-analyzed market reports to Fortune 1000 companies globally.

[Click here to learn more about us](#)

Related Reports

Building Automation & Controls Market (2013 – 2018): By Product (Lighting, Security & Access, HVAC, Entertainment, Outdoor, Elevator Controls, Building Management Systems (BMS)), Application & Geography (Americas, Europe, APAC, And ROW)

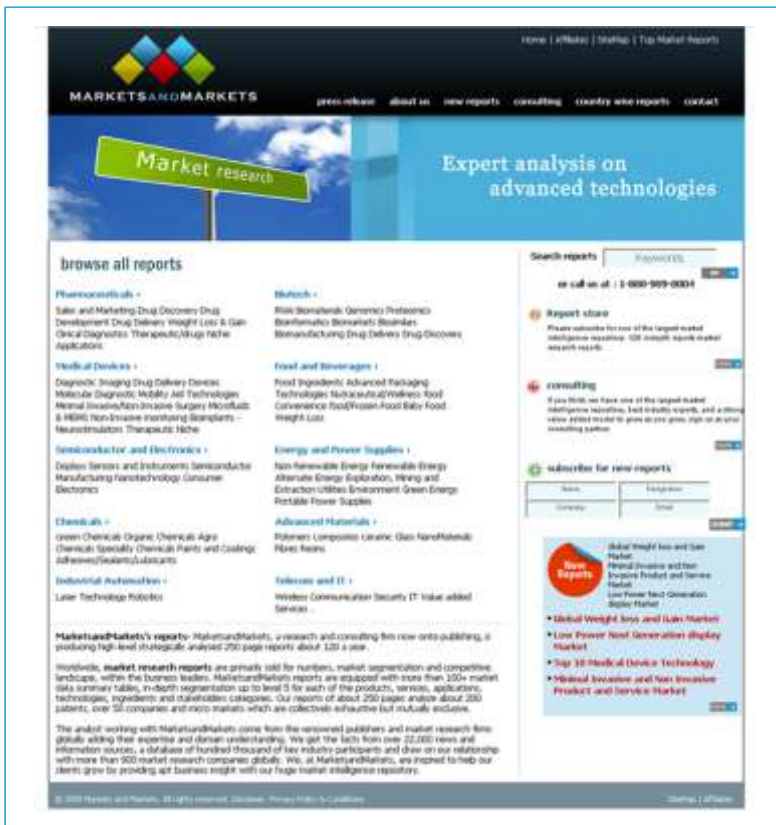
The report on Global Building Automation and Control Systems Market (2011-2016) widely covers the aspects of building automation systems, home automation system and outdoor control system.

Report Code: SE 1625

Elevator Automation Market: Access Controls & Security (Card Based, Biometrics, Touch Screens & Keypads, Security); Automation (Sensors & Controllers, Motors & Drives, BMS); Modernization (Operating Panels, Electronic Device) Forecast 2013 - 2018

The report, based on the extensive research study of the global elevator automation market, is aimed at identifying the entire market for the elevator access controls and security, automation and modernization; elevator access controls and security market, in particular, is further segmented into card based, biometric based, keypad and touch based, surveillance system, intruder alarm and visitor management system.

Report Code: SE 1458



[Click here to visit our website](#)