

Building and Facility Automation Expenditures Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2022

INTEGRATE BUILDING AND FACILITY AUTOMATION PRODUCTS TO ENABLE INFORMATION EXCHANGE AND REDUCE COSTS

Building and facility automation includes centralized control for security; lighting; heating, ventilation, and air conditioning (HVAC); fire alarm; and building energy management systems. The major objectives are to improve occupant comfort, reduce energy consumption and operation costs, efficiently operate building systems, and increase the lifecycle of utilities.

Modern facility automation systems function like a comprehensive distributed control system to integrate once disparate systems to facilitate information exchange. By integrating disparate systems such as video surveillance, access control, physical security, and incidence response, users can take advantage of natural synergies to develop a more robust security system and reduce design, maintenance, and operational cost. Lack of accepted integration standards or accepted communication pro-

ocols, however, is delaying the adoption of intelligent, web-based, integrated digital security systems.

According to the US Department of Energy, commercial buildings consume almost 20 percent of the energy produced in the US, whereas both commercial and residential buildings produce about 38 percent of the greenhouse gas emissions. Commercial buildings consume over 70 percent of the electricity produced in the US. Thus, making buildings more efficient represents a significant opportunity to contribute to a less wasteful energy future and can have a positive effect on the environment. Building and facility automation is one of the many tools that can be used to operate buildings more efficiently.

For more information, please visit us at www.arcweb.com/market-studies/.

STRATEGIC ISSUES

This report provides strategic market information and guidance for the worldwide building and facility automation expenditures market. It includes quantitative assessments and forecasts of building and facility automation products and segmentations. It addresses key questions such as:

- How large is the market potential?
- Who are the leading suppliers?
- Which regions contain the largest markets?
- Which system types will be the largest investment areas?

RESEARCH FORMATS

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS

Major Trends
Regional Trends
Strategic Recommendations

COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers

Market Shares by Region

North America
Europe, Middle East, Africa
Asia
Latin America

Market Shares by Facility Type

Buildings
Infrastructure
Industrial
Entertainment

Market Shares by Revenue Type

Hardware
Software
Services

Market Shares by Automation Category

Access Control Systems
Building Energy Management Systems
Fire Alarm Systems

HVAC Control Systems

Smart Lighting Systems

Video Surveillance Systems

Market Shares by Project Type

Market Shares by Customer Type

Market Shares by Sales Channel

MARKET FORECASTS

Total Building and Facility Automation

Expenditures Market

Shipments by Region

Shipments by Facility Type

Shipments by Revenue Type

Shipments by Automation Category

Shipments by Project Type

Shipments by Customer Type

Shipments by Sales Channel

INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.

Worldwide Building and Facility Automation Expenditures Market

