

Global Building Automation and Control Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

Building automation & control is interpreted as a centralized automatic control of infrastructure air conditioning, heating, lighting, and other solutions. The entire process is carried out by use of building automation systems. The aim of these systems is to enhance an occupant's comfort, reduce energy consumption as well as operating costs. Furthermore, these systems ensure efficient operation and provide a real-time status information.

Building automation systems provide automatic control of indoor environmental conditions such as heating, ventilation, and air-conditioning systems in large functional buildings. Efficient building management is the next-generation platform in terms of overall efficiency and scalable operations of a building. Building automation and control can integrate all disciplines of a building—from building automation to fire safety and security. The global building automation and control market is expected to grow at a CAGR of 11.7% from 2017 to 2025.

Based on type, the market comprises institutional, residential, and commercial. Residential building automation and control led the market in 2015. The market is categorized based on application into HVAC control, lighting control, security & access control, and others. Geographically it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Stringent policies and regulations imposed by government bodies to supplement the increasing cost-saving demand of building owners have fueled the market growth.

Growth in awareness about new wireless technologies is expected to boost the industry growth in the future.

Restraints:

High initial investment cost is currently the major restraint of the market.

MARKET PLAYERS:

The top players in the global building automation and control market include Honeywell International Inc., Siemens AG, Johnson Controls, Inc., Robert Bosch GmbH, ABB, and others.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Type

Institutional

Residential

Commercial

By Application

HVAC Control

Lighting Control

Security & Access Control

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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COMPANIES MENTIONED

Siemens AG, Johnson Controls, Inc., Robert Bosch GmbH, ABB, and others.

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