

# **Global Home Automation System Market Size Study, by Product (Entertainment Control, HVAC Control, Lighting Control, Security & Access Control), Technology (Wired, Wireless), by Software & Algorithm (Behavioral, Proactive), by Management (Cloud-Based, On-Premises), End-User (Condominium, Cooperatives, Multi-Family Home, Single-Family Home, Townhouse) and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Home Automation System Market is valued approximately at USD 54.26 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 10.64% over the forecast period 2024-2032. Home automation systems integrate hardware, communication, and electronic interfaces to create a network of everyday devices via the Internet, allowing them to communicate often through a central hub or smartphone app. These systems offer a more convenient, energy-efficient, and secure living environment, catering to the modern lifestyle's demands for efficiency, convenience, and security. The widespread adoption of Internet of Things (IoT) devices has heightened the need for integrated systems to manage these devices cohesively for optimal home management. Furthermore, home automation systems significantly contribute to energy conservation and reducing household carbon footprints, aligning with the era of heightened environmental awareness. However, data breach risks and high initial investment costs can deter some consumers from adopting these systems. Despite these challenges, integrating home automation systems with 5G technology and the emergence of customized solutions tailored to individual lifestyles and preferences are expected to create substantial growth opportunities for the home

automation systems market in the coming years.

The growing consumer preference for home automation systems for security and access control has been a significant driver for market growth. Entertainment control in home automation systems enhances the user experience by facilitating multimedia device management through a centralized interface, creating ambiance settings for movies, scheduling recordings, and integrating smart speakers and voice assistants for hands-free operation. HVAC control ensures environmental comfort through sophisticated smart thermostats and sensors that regulate temperature, control humidity levels, and maintain air quality, enabling remote adjustments and energy optimization. Lighting control involves adjusting brightness, color temperature, and color of lights, contributing to energy efficiency and aesthetic appeal through intelligent scheduling and scene-setting capabilities. Sun shading control automates window coverings to enhance privacy and energy efficiency by mitigating heat gain during summer and retaining heat during colder seasons. Security and access control systems manage entry through doors and windows, including smart locks, biometric scanners, access codes, gate openers, garage doors, and electronically controlled main entry doors, ensuring safety and security for residents.

The market is segmented by technology into wired and wireless systems, with the former being the traditional choice and the latter gaining popularity due to ease of installation and flexibility. By utility, the market is divided into public and private, and by component, it is classified into hardware and software. Applications span various sectors, including oil & gas, power generation, and others.

The key regions considered for the global Home Automation System Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific is a dominating region in the Home Automation System Market in terms of revenue. The market growth in the region is being attributed to factors including rapid urbanization, infrastructure development, renewable energy integration, energy efficiency initiatives, the need to serve remote areas, digitalization of utilities, and supportive government policies. Whereas, the market in North America is anticipated to grow at the significant rate over the forecast period fueled by as growing tech-savvy population, particularly millennials, desires convenience and remote control of their living spaces. This aligns perfectly with the increasing affordability and user-friendliness of home automation systems. Additionally, rising security concerns are driving demand for smart security features integrated with these systems.

Major market players included in this report are:

ABB Ltd.

Acuity Brands, Inc.

Amazon.com, Inc.

Apple Inc.

Audiovisions

August Home, Inc.

Avisio by RF Digital Systems

BuildTrack by Surmount Energy Solutions Pvt. Ltd.

BWE Enterprises, Inc.

Canary Connect, Inc.

Crestron Electronics, Inc.

DSI Luxury Technology

EZLO Innovation LLC

General Electric Company

Google LLC by Alphabet, Inc.

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

By Product

Entertainment Control

HVAC Control

Lighting Control

Security & Access Control

### By Technology

Wired

Wireless

### By Software & Algorithm

Behavioral

Proactive

### By Management

Cloud-Based

On-Premises

### By End-User

Condominium

Cooperatives

Multi-Family Home

Single-Family Home

Townhouse

## By Region:

### North America

U.S.

Canada

### Europe

UK

Germany

France

Spain

Italy

ROE

### Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

## Latin America

Brazil

Mexico

## Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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.

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