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South & Central America Building Automation System Market Forecast to 2031 - Regional Analysis - by Component [Hardware (Security & Surveillance System, Facility Management Systems, Fire Protection Systems, and Others) and Software & Services] and End User (Commercial, Industrial, and Residential)

https://marketpublishers.com/r/S52C7C52AE94EN.html
Date: January 2025
Pages: 133
Price: US$ 3,450.00 (Single User License)
ID: S52C7C52AE94EN

Abstracts

The South & Central America building automation system market was valued at US$ 4,014.31 million in 2023 and is expected to reach US$ 7,208.59 million by 2031; it is estimated to register a CAGR of 7.6% from 2023 to 2031.

Growing Need for Sustainable Building Automation Solutions Fuels South & Central America Building Automation System Market

Sustainable buildings aim to minimize energy consumption and carbon emissions. BAS can monitor, control, and optimize HVAC, lighting, and other systems based on occupancy and environmental conditions. With an increasing shift toward renewable energy sources, such as solar and wind, BAS can intelligently manage the integration and utilization of these sources within building operations, ensuring optimal energy use and substantial cost savings. BAS provides real-time data on energy usage and environmental metrics, facilitating informed decision-making for energy conservation strategies and compliance with sustainability standards and regulations. Sustainable buildings prioritize occupant comfort and health. BAS can maintain indoor air quality, regulate temperature, and optimize natural lighting, contributing to enhanced occupant satisfaction and productivity. Also, sustainable BAS solutions result in cost savings due to reduced energy expenses, lower maintenance needs, and prolonged equipment life, making them financially attractive for building owners and operators. The use of

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sustainable solutions aligns with global sustainability goals, improving energy efficiency, enhancing occupant comfort, and offering significant economic benefits for building owners and operators. Thus, the growing need for sustainable building automation solutions across industries is expected to create significant opportunities for the building automation market growth during the forecast period.

South & Central America Building Automation System Market Overview

The building automation market is growing in the SAM. Building automation systems (BAS) solutions for South American structures are crafted to address precise building requirements, offering intuitive interfaces and smooth system integration to facilitate effective communication and information exchange. These systems can manage heating, cooling, lighting, and appliances in commercial towers, resulting in notable energy efficiency improvements and emissions reduction. The building automation systems market in South America is experiencing substantial growth due to the increasing need for efficient automated solutions to automate repetitive tasks, streamline company operations, and prioritize zero-waste production and quicker time-to-market strategies. The market in the region is set for notable expansion, propelled by factors such as a heightened focus on energy preservation, government-initiated programs, and the sustained requirement for efficient automated systems across the region.

South & Central America Building Automation System Market Revenue and Forecast to 2031 (US$ Million)

South & Central America Building Automation System Market Segmentation

The South & Central America building automation system market is categorized into component, end user, and country.

Based on component, the South & Central America building automation system market is bifurcated into hardware and software & services. The hardware segment held a larger market share in 2023. Furthermore, the hardware segment is sub segmented into security & surveillance system, facility management systems, fire protection systems, and others.

In terms of end user, the South & Central America building automation system market is segmented into commercial, industrial, and residential. The commercial segment held the largest market share in 2023.

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By country, the South & Central America building automation system market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America building automation system market share in 2023.

ABB Ltd; Mitsubishi Electric Corp; Bosch Sicherheitssysteme GmbH; Honeywell international Inc; Schneider Electric SE; Siemens AG; Johnson Controls International Plc; Carrier Global Corp; Lutron Electronics Co., Inc; and Trane Technologies Plc are some of the leading companies operating in the South & Central America building automation system market.

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