

Global Home Energy Management Systems Market

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Abstracts

Home Energy Management Systems Market Overview:

Home energy management system (HEMS) is a set of automated controls that allow users to monitor and optimize energy usage. These systems ensure power management in smart homes and buildings where home appliances and sensor devices are interconnected. In addition, these systems offer economical and security benefits apart from reducing greenhouse gas emissions. The global home energy management systems market was valued at \$1,875.7 million in 2017 and is projected to reach \$6,521.6 million by 2025, growing at a CAGR of 17.0% from 2018 to 2025.

Factors such as increase in energy cost and rise in consumer demand for green house with less emissions drive the growth of the global home energy management systems market. In addition, seamless internet connectivity boosts the demand for HEMS among consumers. However, high installation cost, compatibility of devices, and data privacy & security concerns are expected to impede the market growth. Continuous technological advancements in energy management systems are expected to offer lucrative growth opportunities for market expansion in the near future.

The global home energy management systems market is studied on the basis of offering, service, component, market vertical, and region. Based on offering, the market is bifurcated into component and service. In 2017, the service segment dominated the global HEMS market in terms of revenue and is expected to maintain its dominance during the forecast period. Based on service, the market is divided into monitoring & control, implementation & integration, maintenance, and consulting & training. The component segment is classified into sensor, controller, software, and others. Based on market vertical, the HEMS market is categorized into power & energy, telecom & IT, manufacturing, enterprise, healthcare, and others segment. Based on region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Market Dynamics

Drivers

Rise in energy cost

Increase in customer demand for eco-friendly homes

Technological advancements in sensors, monitoring, and control devices

Restraints

High installation cost

Compatibility of different devices

Data privacy and security

Market Players

The top players in the global home energy management systems market include Honeywell International Inc., Nest Labs, Sharp Corporation, General Electric Company, Panasonic Corporation, Schneider electric, Johnson control, Siemens, Intel Corporation, and Cisco Systems Inc.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Offering

Component

Service

By Service

Monitoring & Control

Implementation & Integration

Maintenance

Consulting & Training

By Component

Sensor

Controller

Software

Others

By Market Vertical

Power & Energy

Telecom & IT

Manufacturing

Enterprise

Healthcare

Others

By Region

North America

U.S.

Mexico

Canada

Europe

UK

Germany

France

Rest of Europe

Asia-Pacific

China

Japan

India

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

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