

Advanced Metering Infrastructure (AMI) Market Report by Product Type (Smart Metering Devices, Solutions, Services), End User (Residential, Commercial, Industrial), and Region 2024-2032

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Abstracts

The global advanced metering infrastructure (AMI) market size reached US\$ 23.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 64.4 Billion by 2032, exhibiting a growth rate (CAGR) of 11.7% during 2024-2032.

Advanced metering infrastructure (AMI) refers to an integrated system of equipment, communication networks, and information management systems to collect customer water usage data remotely in real-time. Its main components include meters, sensors, remotely controlled variables, and a meter interface unit (MIU). It also contains a radio-based technology to read water meters, which eliminates the need for manual meter reads. As it provides the benefits of improved utility operations, increased water conservation, leak detection, and enhanced security and resilience, utilities across the globe are relying on AMI for operational efficiencies and cost savings.

Advanced Metering Infrastructure (AMI) Market Trends:

The rising need for accurate water billing solutions in the residential sector is driving the adoption of smart water meters worldwide, which, in turn, is propelling the market growth. This can also be attributed to various initiatives and campaigns undertaken by governments of numerous countries, along with non-governmental organizations (NGOs), to conserve freshwater. Apart from this, remote meter reading solutions are gaining traction in geographically dispersed territories or remote areas as they generate more timely and accurate bills. Moreover, the increasing use of ultrasonic flowmeters in water and wastewater treatment to measure the dosage of chemicals, monitor methane discharge, and evaluate large volumes of fluid carrying sludge by-products, suspended

solids, and other materials is contributing to the market growth. Besides this, key players are introducing products combined with innovative technologies, such as in-home displays and programmable communicating thermostats. These products enable utilities to offer new time-based rate programs and incentives that encourage customers to reduce peak demand and manage energy consumption and costs. This, in confluence with improvements in grid modernization, is anticipated to influence the market positively.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global advanced metering infrastructure (AMI) market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product type and end user.

Breakup by Product Type:

- Smart Metering Devices
 - Electricity
 - Water
 - Gas
- Solutions
- Meter Communication Infrastructure
- Software
- Services
- System Integration
- Deployment
- Program Consulting

Breakup by End User:

- Residential
- Commercial
- Industrial

Breakup by Region:

- North America
 - United States
 - Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Aclara Technologies LLC, Cisco Systems Inc., Eaton Corporation plc, Honeywell International Inc., International Business Machines Corporation, Itron Inc., Landis+Gyr, Mueller Systems LLC, Schneider Electric SE, Sensus and Trilliant Holdings Inc.

Key Questions Answered in This Report

1. What was the size of the global Advanced Metering Infrastructure (AMI) market in 2023?
2. What is the expected growth rate of the global Advanced Metering Infrastructure (AMI) market during 2024-2032?
3. What are the key factors driving the global Advanced Metering Infrastructure (AMI) market?
4. What has been the impact of COVID-19 on the global Advanced Metering Infrastructure (AMI) market?

5. What is the breakup of the global Advanced Metering Infrastructure (AMI) market based on the product type?
6. What is the breakup of the global Advanced Metering Infrastructure (AMI) market based on the end user?
7. What are the key regions in the global Advanced Metering Infrastructure (AMI) market?
8. Who are the key players/companies in the global Advanced Metering Infrastructure (AMI) market?

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