

IoT Solutions Market for Energy Market Size, Share, and Outlook, 2025 Report- By Type (Hardware, IoT Software, IoT Platform, IoT Security, IoT Services), By Application (Network Security, Web Security, Email Security, Database and Cloud Security, Others), By Technology (Cellular Network, Satellite Network, Radio Network, Others), By End-User (Oil and Gas, Coal Mining, Smart Grid), 2018-2032

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Abstracts

IoT Solutions Market for Energy Market Outlook

The IoT Solutions Market for Energy Market size is expected to register a growth rate of 13.3% during the forecast period from \$28.4 Billion in 2025 to \$68.1 Billion in 2032. The IoT Solutions Market for Energy market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on IoT Solutions Market for Energy segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Hardware, IoT Software, IoT Platform, IoT Security, IoT Services), By Application (Network Security, Web Security, Email Security, Database and Cloud Security, Others), By Technology (Cellular Network, Satellite Network, Radio Network, Others), By End-User (Oil and Gas, Coal Mining, Smart Grid). Over 70 tables and charts showcase findings from our latest survey report on IoT Solutions Market for Energy markets.

IoT Solutions Market for Energy Market Insights, 2025

The IoT Solutions Market for Energy is rapidly evolving as utilities, oil & gas companies, and renewable energy firms integrate IoT-enabled smart grids, predictive maintenance, and real-time asset monitoring. Companies like GE Digital, Siemens, and Schneider Electric offer AI-powered solutions for demand response management, energy efficiency tracking, and remote operations of power plants. The growing adoption of edge computing, 5G connectivity, and blockchain-based energy trading platforms is further driving market expansion. However, challenges such as data security risks, high initial investment costs, and interoperability issues between legacy systems and modern IoT platforms continue to pose barriers. Additionally, stringent government regulations on energy consumption and emissions monitoring are prompting utilities to adopt IoT-based solutions for compliance and sustainability reporting.

Five Trends that will define global IoT Solutions Market for Energy market in 2025 and Beyond

A closer look at the multi-million market for IoT Solutions Market for Energy identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading IoT Solutions Market for Energy companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of IoT Solutions Market for Energy vendors.

What are the biggest opportunities for growth in the IoT Solutions Market for Energy industry?

The IoT Solutions Market for Energy sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

IoT Solutions Market for Energy Market Segment Insights

The IoT Solutions Market for Energy industry presents strong offers across categories. The analytical report offers forecasts of IoT Solutions Market for Energy industry performance across segments and countries. Key segments in the industry include%li%By Type (Hardware, IoT Software, IoT Platform, IoT Security, IoT Services), By Application (Network Security, Web Security, Email Security, Database and Cloud Security, Others), By Technology (Cellular Network, Satellite Network, Radio Network, Others), By End-User (Oil and Gas, Coal Mining, Smart Grid). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, IoT Solutions Market for Energy market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global IoT Solutions Market for Energy industry ecosystem. It assists decision-makers in evaluating global IoT Solutions Market for Energy market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the IoT Solutions Market for Energy industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific IoT Solutions Market for Energy Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies

focusing on new product launches and diversification of sales channels.

The State of Europe IoT Solutions Market for Energy Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for IoT Solutions Market for Energy with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key IoT Solutions Market for Energy market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US IoT Solutions Market for Energy market Insights%li%Vendors are exploring new opportunities within the US IoT Solutions Market for Energy industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US IoT Solutions Market for Energy companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American IoT Solutions Market for Energy market.

Latin American IoT Solutions Market for Energy market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa IoT Solutions Market for Energy Markets%li%New Opportunities

for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African IoT Solutions Market for Energy markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern IoT Solutions Market for Energy markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How IoT Solutions Market for Energy companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include Accenture, AGT International, Carriots, Cisco, Davra Networks, Hortonworks Inc, Maven Systems Pvt. Ltd, SAP SE, Symbioticware Inc, Tego Inc, Telit.

IoT Solutions Market for Energy Market Segmentation

By Type

Hardware

IoT Software

IoT Platform

IoT Security

IoT Services

By Application

Network Security

Web Security

Email Security

Database and Cloud Security

Others

By Technology

Cellular Network

Satellite Network

Radio Network

Others

By End-User

Oil and Gas

Coal Mining

Smart Grid

Leading Companies

Accenture

AGT International

Carriots

Cisco

Davra Networks

Hortonworks Inc

Maven Systems Pvt. Ltd

SAP SE

Symboticware Inc

Tego Inc

Telit

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

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By Type

Hardware

IoT Software

IoT Platform

IoT Security

IoT Services

By Application

Network Security

Web Security

Email Security

Database and Cloud Security

Others

By Technology

Cellular Network

Satellite Network

Radio Network

Others

By End-User

Oil and Gas

Coal Mining

Smart Grid

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