

Substation Automation Market by Component (Reclose Controller, Programmable Logical Controller, Capacitor Bank Controller, Digital Transducer/Smart Meter, Load Tap Controller, and Communication Channel), Module (SCADA, IED, and Communication Network Technology), and Communication Channel (Ethernet, Power Line Communication, Copper Wire Communication, and Optical Fiber Communication) - Global Opportunity Analysis and Industry Forecast, 2014-2022

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Abstracts

Global Substation Automation Market Was Valued At \$106,891 Million As In 2015 And Is Expected To Reach \$154,876 Million By 2022, Growing At A Cagr Of 5.5% From 2016 To 2022. Substation Automation Is A System That Used To Control, Protect, Operate And Monitor Electricity Substations. Substation Automation Equipment Should Be Able To Monitor And Control The Grid In Order To Ensure A Fast Response To Real-Time Events With Appropriate Actions, And To Maintain Uninterrupted Power Services. Substation Automation Market Is Currently In Developmental Stage. Globally, The Demand For Electricity Is Increasing And There Is A Need To Deliver It Efficiently. Replacement Of Old Outdated Units And Emphasis On Grid Stability And Cost Reduction Are Major Driving Factors For The Growth Of Substation Automation Market. However, Data Security Concerns Act As Major Restraint. There Is Global Need To Shift From Coal & Gas-Based Generation To Renewable & Non-Conventional Energy Resources-Based Electricity Generation, Owing To Environmental Concerns. Substation Automation Market Has High Opportunity For Growth As Green Energy

Requires Management Of Grids And Substations Using Automation Techniques.

The Global Substation Automation Market Is Segmented On The Basis Of Module, Component, Communication Channel, And Geography. On The Basis Of Component, The Market Is Further Sub-Divided Into Programmable Logic Controller, Load Tap Changer, Reclose Controller, Capacitor Bank Controller, Digital Transducer, Digital Relays, Communication Channel, And Others. Based On The Communication Channel, It Is Further Segmented Into Ethernet, Copper Wire Communication, Power Line Communication, And Optical Fiber Communication. Geographical Division Includes North America, Europe, Asia-Pacific, And Lamea.

Major Players In Substation Automation Industry Include Ingeteam, Abb Ltd., Schneider Electric Se, Siemens Ag, Amperion Inc., Ge Grid Solutions, Cisco Systems Inc., Eaton Technologies Pvt. Ltd., And Schweitzer Engineering Laboratories, Inc.

Key Benefits for Stake Holders

This Report Also Provides The Detailed Quantitative Analysis Of The Current Market And Estimations Throughout 2014-2022, Which Assists In Identifying The Prevailing Market Opportunities.

Comprehensive Analysis Of All Regions Is Provided To Determine The Prevailing And Forthcoming Opportunities In These Geographies.

Key Market Players Are Profiled And Their Strategies Are Analyzed Thoroughly, Which Helps In Understanding Competitive Outlook Of Global Substation Automation Market.

Comprehensive Analysis Of Factors That Drive And Restrict The Growth Of The Global Substation Automation Market Is Provided.

Exhaustive Analysis Of The Market By Module Helps In Understanding The Substation Automation That Are Currently Being Used Along With The Variants Would Eventually Gain Prominence In The Future.

Swot Analysis Highlights The Internal Environment Of The Leading Companies For Effective Strategy Formulation.

Substation Automation Market Key Segments
By Module

Substation Automation Market by Component (Reclose Controller, Programmable Logical Controller, Capacitor Bank...

Scada

Ied

Communication Network Technology

By Component

Reclose Controller

Programmable Logical Controller

Capacitor Bank Controller

Digital Transducer/Smart Meter

Load Tap Controller

Communication Channel

Digital Relays

Others

By Communication Channel

Ethernet

Power Line Communication

Copper Wire Communication

Optical Fiber Communication

By Geography

North America

U.S.

Mexico

Canada

Europe

Uk

Germany

France

Russia

Rest Of Europe

Asia-Pacific

China

India

Japan

Australia

South Korea

Rest Of Asia-Pacific

Lamea

Latin America

Middle East

Africa

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