

Solutions for the utility industry

# Design, build and maintain an automated, secure and cost-effective grid



# We serve the needs of public power, investor and government-owned utilities.

Eaton is a leading power management company, providing energy-efficient solutions that help customers use electrical, fluid and mechanical power more reliably, efficiently and safely.

We provide a breadth of innovative global solutions to help you build a more sustainable business on a local level.

## Eaton brings a new dimension of expertise.

Utilities are under pressure to improve reliability, drive efficiencies and reduce costs. Simultaneously, you must implement safety measures across the grid and address the security risks posed by its digitization.

No matter the challenges, Eaton can help you manage the grid, support your workforce, achieve regulatory compliance and make smart, forward-looking capital investments.

Our innovative products and solutions can enhance every aspect of your business, from safety to reliability, from compliance to cyber security. We can help you design, build and maintain a safer, automated, secure and cost-effective grid that meets your customers' expectations and delivers value back to your business.

## Legacy of innovation.

Over the years, our innovative portfolio has grown, including solutions from:

Cooper Power Systems  
Cutler-Hammer  
Holec  
Kearney  
Kyle  
McGraw-Edison  
Pedersen Power Products  
Westinghouse\*

\*Distribution and control business unit





## Our solutions help improve reliability and operational efficiencies, reduce costs and enhance safety.

### **Build an adaptable, secure and responsive infrastructure**

We'll help you strengthen your infrastructure by integrating "smart" apparatus with enterprise-level software to achieve a dynamic, resilient and cyber-secure two-way grid. Our solutions can reduce delivery interruption frequency and duration with specialized grid reconfiguration, and optimize distributed generation resources with smart grid-connection technology. To help you maximize your investment, Eaton offers easy integration of new systems and technologies with full upward compatibility, dedicated support and services to extend the life of vintage products.

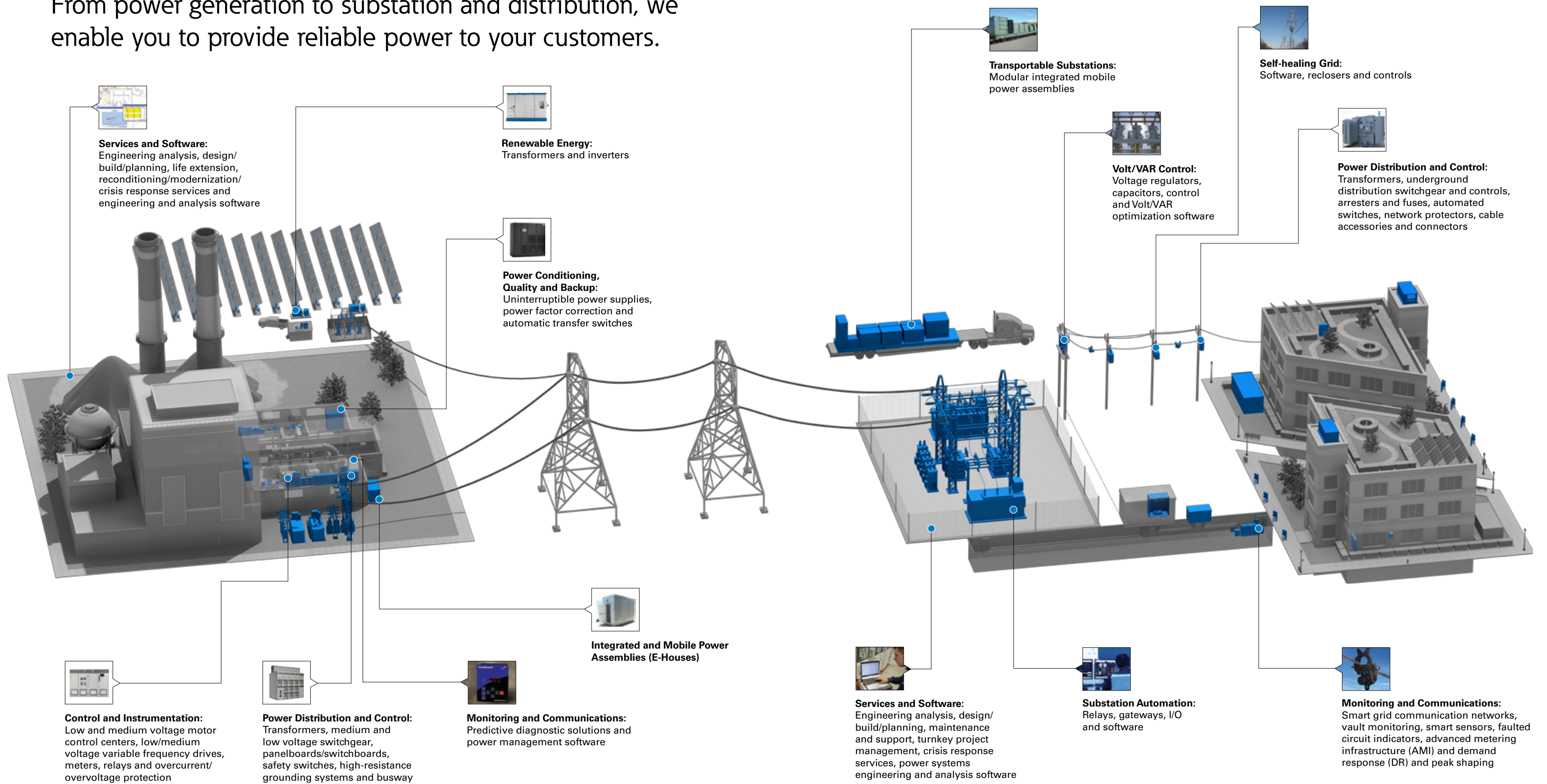
### **Distribute reliable, efficient and high-quality power**

Eaton can help you transform, protect, connect and build the electric power system backbone, to optimize asset efficiency and reduce system operating costs. When you leverage our utility application design and project management expertise, you're connected to experts who can manage complex, integrated solutions and turnkey projects, including fully engineered, assembled and tested solutions delivered on-site that improve reliability and decrease outage time.

### **Protect people, property and the environment**

Our safety solutions can help raise your facility's safety profile. We offer enhanced worker protection from arc flash, protection against thermal and fire incidents and solutions that address contaminated environments, like those found in fossil generation plants. Our environmental protections include vacuum interruption, eco-friendly dielectric fluids and SF<sub>6</sub>-free solutions that avoid greenhouse gases. Increased distribution line voltages improve delivery efficiency to further reduce environmental impact.

From power generation to substation and distribution, we enable you to provide reliable power to your customers.



Power generation

Transmission and distribution

Helping you deliver reliable, safe, efficient power in a secure, responsive infrastructure

Helping you automate, protect and optimize a modern electrical grid



With more than 100 years of experience in utilities, we understand the challenges you face every day.

#### Generation

We understand you're under pressure to keep generating units up and running. Dated equipment can frequently lead to increased maintenance cost and reduced reliability. With demand for more renewable energy sources increasing, the next generation of power plants will be required to meet the challenges of control and integration, as well as safety. Regulations will be even tougher. Eaton can provide the products, services and engineering support to enable safe, effective and continuous power generation.

#### Distribution

You're challenged with an aging grid and the need to carry a heavier load than ever before. In addition to transmission congestion, extreme weather events can also threaten reliable delivery. What's more, the growth in renewable generation is impacting the way the network is configured and managed. As we move to a more automated modern grid, it's time for a new approach to network design, automation and management. Smart grid-automated technologies can supplement reduced staffing levels and improve system efficiency to reduce your operational costs and carbon footprint. Our innovative products and solutions can help you reduce the length and number of outages while increasing the overall reliability of your operation.



Ready to help you automate, protect and optimize a secure, cost-effective electrical grid.



## Discover how Eaton can solve your power management challenges.

Bringing your business a new dimension of expertise and customized innovative solutions to help you meet the challenging demands of today's electrical grid.

[Eaton.com/utility](http://Eaton.com/utility)