

Emerson Cybersecurity Solutions

Comprehensive Cybersecurity Solutions for the Power, Water and Wastewater Industries

The digital transformation of the power and water industries has expanded connectivity to more systems, significantly increasing the risk of cyber threats to mission critical assets. Emerson combines its Power and Water Cybersecurity Suite with a broad portfolio of cybersecurity services to deliver platform-independent solutions that safeguard all your assets and strengthen your security posture. Our forward-looking and adaptable cybersecurity programs bridge the gap between operational technology (OT) and information technology (IT) to mitigate risk and maintain reliable operation by proactively addressing threats, enhancing protection and streamlining security program management.



Reliable

Proven cybersecurity technologies, services and programs that apply best practices to help meet standards and maintain dependable asset operation.



Simplify

Streamlining repetitive security tasks and report generation simplifies management, reduces implementation time and alleviates staff workloads.



Comprehensive

Vendor-agnostic solutions that protect Ovation™ and non-Ovation systems used within an individual plant or across an entire fleet or district.



Custom

Sustainable, actionable and scalable programs specifically tailored to supplement site resources and help comply with regulatory requirements.



Experienced

Dedicated, knowledgeable and certified implementation team with a unique blend of in-depth cybersecurity, control system, networking and industry-specific expertise.



Trusted

Comprehensive products and services from a single, trusted vendor with a history of long-term and dependable customer support.

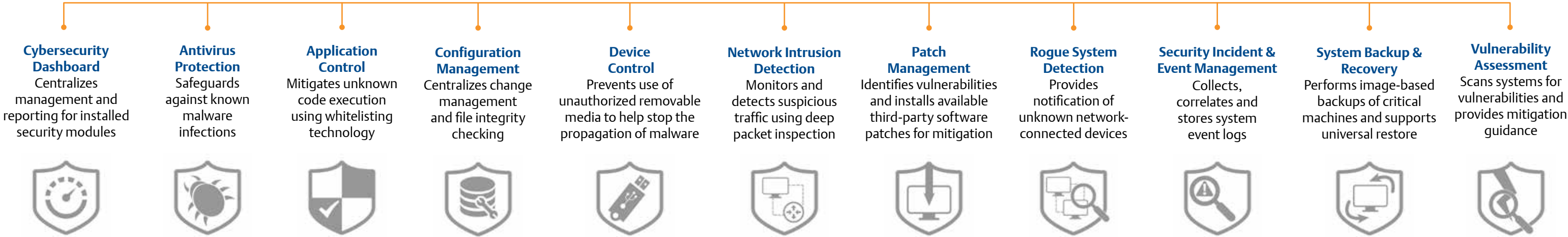
Cybersecurity Solutions Designed for Operational Technology

Emerson is uniquely qualified to help power, water and wastewater customers adapt to the new digital era by protecting systems from threats and cyber attacks. Our Power and Water Cybersecurity Suite consists of an array of trusted software and hardware solutions, tested and customized to provide protection in industrial control system environments. A dedicated team of experts use a defense-in-depth approach to design and deploy cybersecurity solutions that help safeguard people, assets and data from cyber threats that can pose a significant risk to your operations.

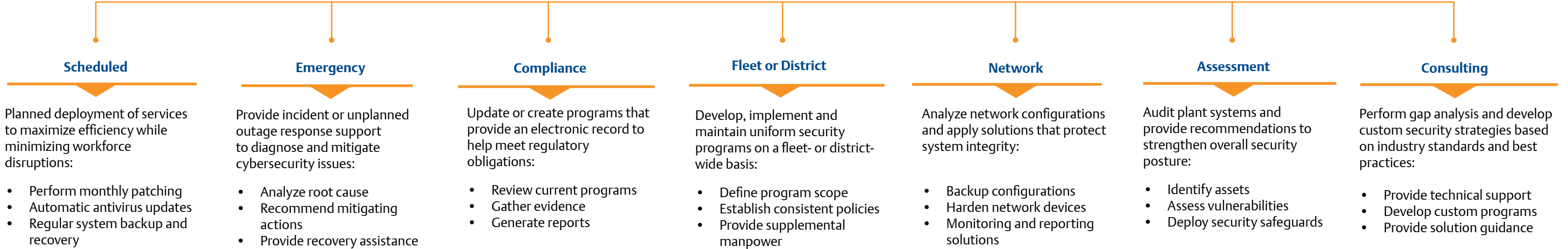


The U.S. Department of Homeland Security has designated the Ovation Control Solution as Qualified Anti-Terrorism Technology. This Designation provides significant tort protection for claims arising out of acts of cyber terrorism as defined under the U.S. SAFETY Act. The Designation covers Emerson’s Ovation Control System, Power and Water Cybersecurity Suite and Cybersecurity Services. For more information on what protections the Designation provides, visit <https://www.safetyact.gov>.

Power and Water Cybersecurity Suite Modules



Comprehensive Cybersecurity Services



Proven, Reliable Programs for Securing Assets

Emerson continually invests in best-in-class defense technologies and services to protect critical systems in a dynamic threat environment. We deliver sophisticated, multi-layered, vendor-agnostic responses to complex problems that integrate management of industrial control system equipment and network components (both IP and non-IP based) of varying vintages regardless of supplier or protocol.

Customized cybersecurity offerings help identify your overall cybersecurity posture, bring full visibility to asset security and ensure the reliability and performance of your Ovation and non-Ovation systems. For the power-generation industry, Emerson has solutions for all plant types ranging from a single unit to large fleets with 50 or more geographically dispersed sites. For the water industry, our solutions help protect everything from small municipalities to city-wide districts which process billions of gallons per day.

Single Plant Deployment

Recent classification as a medium-impact bulk generating asset required this plant to comply with NERC CIP standards, which was difficult to accomplish with only a two-man staff responsible for cybersecurity at the 12-plus unit facility.

Emerson performed a comprehensive cybersecurity plant assessment, providing specific recommendations for immediate, short- and long-term actions to meet customer goals.

- Decreased patch deployment time from 45 to 15 days using automated tools
- Expanded staff responsibility to encompass 50% more assets without additional manpower
- Streamlined cybersecurity program management
- Invested in ongoing services for sustained system reliability



Enterprise-Wide Deployment

Top executives of this company challenged management to standardize their security program approach and improve the cybersecurity posture of the entire fleet while complying with NERC CIP regulations and internal security programs.

Emerson's dedicated team collaborated with the customer to successfully design and implement a fleet-wide solution to help secure this critical infrastructure and simplify security program management.

- Met aggressive 8-month deadline without process disruption
- Program covered 22 sites that generate more than 26,000 MWs across five states
- Installed 39 Power and Water Cybersecurity Suites

