To improve efficiency, companies in sectors like energy, manufacturing, transportation, and utilities are digitizing their industrial operations. They’re networking devices from voltage controllers in the electrical grid to laptops, smartphones, and USB drives used by field technicians. These numerous and widely distributed devices represent almost 90 percent of the industrial assets that are vulnerable to cyberattack.

While these distributed and transient devices generate efficiencies, their security vulnerabilities—including manual updates and legacy architectures, unmanaged passwords, and legacy network protocols—endanger critical infrastructure. Compromise of a single sensor in the electrical grid, or malware on a technician’s laptop, could quickly spread to the entire operation. Instead of bringing down power in one neighborhood, an entire state or region could be impacted.

As the U.S. government recognizes the urgency of the situation, federal regulations are being passed to curb the threat.

With Xage Policy Manager, the first and only automated and decentralized security solution, industry can protect its distributed critical infrastructure while ensuring compliance with evolving regulations and standards.

### Automate Cybersecurity and Compliance
Automatically replicate security requirements across large numbers of devices. Set and rotate complex passwords according to centrally defined timetables and policies. Ensure compliance with emerging standards for critical infrastructure including NERC-CIP.

### Protect Existing Network Infrastructure without Modification
Deploy to and integrate with existing assets without modifying them. Detect new or transient devices and control access based on the device and its user’s role. Defend against malware by exposing non-conformant systems.

### Control All Interactions From a Single Dashboard
Manage and enforce security requirements for all devices, applications, and users that comprise your industrial network across the field from within a single autonomous dashboard.

### Increase Efficiency and Reliability
Enhance machine-to-machine cooperation and apply smart AI control of your field applications to increase efficiency and reliability with a tamperproof foundation of distributed edge intelligence.