

# Cybersecurity for Critical Infrastructure: Duke Energy

## Nuclear distributed control and safety system security

**SUMMARY:** Duke Energy sought robust cybersecurity tools to protect distributed control-and-safety systems, as well as a vast assortment of edge devices.



### OBJECTIVE

Duke Energy supplies and delivers electricity to more than 7 million US customers throughout the South and Midwest. The Duke-operated Robinson Plant in South Carolina generates nuclear power and was in need of advanced cybersecurity to safeguard its critical systems. The solution had to meet competitive pricing standards while incorporating legacy operational technology.

### SOLUTION

Duke Energy chose CyberFence from 3eTI to address the nuclear plant's requirement for robust cybersecurity tools that protect distributed control-and-safety systems and edge devices from cyber-threat. CyberFence also addressed Duke Energy's requirement for support of legacy operational technology and the ability to communicate seamlessly to and from mission-critical devices. These requirements were met with CyberFence, a solution that afforded reliability through full accreditation. It also integrated smoothly with existing systems.

With CyberFence, only valid communications flow, latency free, to critical systems. As a result, Duke Energy now operates a deeply cyber-secured infrastructure that can perform more efficiently.

For more information contact 1-800-449-3384 or email [sales@ultra-3eti.com](mailto:sales@ultra-3eti.com).

### AT A GLANCE

**Customer:** Duke Energy

#### 3eTI Solution



- CyberFence CIP
- Installation Services

#### Key Benefits

- **Fully Accredited Solution:** Assured complete compliance with government requirements
- **Multi-Vendor Compatible:** Designed to facilitate smooth integration of disparate technologies and devices
- **Scalable Architecture:** Accommodates diverse facilities, supporting legacy and current industrial protocols
- **Ease of Use:** Optimized through intuitive graphical user interface for monitoring and data storage/retrieval



Since 1995, 3eTI has been a trusted supplier for the defense, government, energy and industrial automation markets worldwide. We connect and protect critical information and infrastructure systems through advanced cybersecurity, secure wireless, perimeter management, and security services.

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