

## **BUILT-IN CYBER SECURITY**

**COMPREHENSIVE CYBER SECURITY TOOLS FOR  
NERC CRITICAL INFRASTRUCTURE PROTECTION**



**Cyber security is one of the top concerns for electric utilities and Beckwith Electric is prepared to help you meet the growing threats!**

**Addressing cyber security is critical to enhancing the security and reliability of the electric grid.**

**Beckwith Electric is committed to help protect your most critical infrastructure with comprehensive tools and a multi-layered approach to cyber security to help you be NERC CIP compliant.**

NERC CIP	FIPS	Application	RADIUS Server Compatibility, AES encryption, SHA-1
		Transport	Diffie-Hellman Key Exchange
		Network	IPSEC, ICMP Disabling, Port Blocking, Protocol Disabling
		Link	MAC Filtering
		Physical	Hard-key, Optional hardened door enclosure with Intrusion Detection

## Cyber security capabilities are built-in to the following solutions.

### **M-2001D Digital Tapchanger Control**

The M-2001D Digital Tapchanger Control is a universal tapchanger control suitable to work with LTC transformers, substation regulators, and line regulators. The M-2001D provides reliable operation with modern expanded capabilities.

### **M-6200A Digital Voltage Regulator Control**

The M-6200A Digital Voltage Regulator Control is a microprocessor-based step-voltage regulator, load tapchanger control that provides local intelligent control or remote automation, monitoring and control of voltage regulators. This control is designed for initial OEM installation on new regulators or to replace a particular existing manufacturer's regulator control.

### **M-6280A Digital Capacitor Bank & M-6283A Three Phase Sensing Digital Capacitor Bank Controls**

The M-6280A Digital Capacitor Bank Control and the M-6283A Three Phase Sensing Digital Capacitor Bank Control, provide local intelligent control or remote automation, monitoring, metering and control of distribution pole top capacitor banks. Available as Voltage based, Current based, or VAR based, offering three operating modes: Automatic, Remote, and Manual.

### **M-7651A D-PAC**

The M-7651A D-PAC is a digital, Smart Grid ready, advanced Protection, Automation and Control System for Power Distribution Applications for Industrial and Utility applications. It is suitable for new installations or as a direct, easy-to-install, replacement for older protection, automation and control systems.

### **M-7679 Recloser Control**

The M-7679 is a digital, Smart Grid ready, advanced recloser control and protection system that is compatible with many existing reclosers. It can be provided with an array of adapter panels and chassis for existing control enclosure installation, or with a new control enclosure and suitable cabling for a direct, easy-to-install, replacement for older recloser controls.

