



Enterprise-wide NERC CIP Compliance

Access, monitor and manage your SCADA and Protection Infrastructure

The initiatives undertaken by the National Electric Reliability Council (NERC), in combination with the ongoing pressures of managing more information with fewer resources have fueled the introduction of a unique set of solutions from Bow Networks and TECSys Development (TDi). The ongoing development and delivery of products and professional services from Bow and TDi have been specifically targeted at addressing:

- Cyber security
- Regulatory compliance (NERC, Sarbanes-Oxley)
- Improved system availability and faster incident response
- Improved remote access to field infrastructure

As partners, we have brought together Bow's **IED Anywhere** and TDi's **ConsoleWorks** to provide a comprehensive solution for monitoring, managing and accessing all critical cyber assets defined by the NERC CIP specification, while offering outstanding productivity gains to users tasked with managing this infrastructure. As part of this initiative, issues critical to compliance, such as logging and reporting are brought together under one solution to simply the life of the compliance manager.

For Energy IT Infrastructure

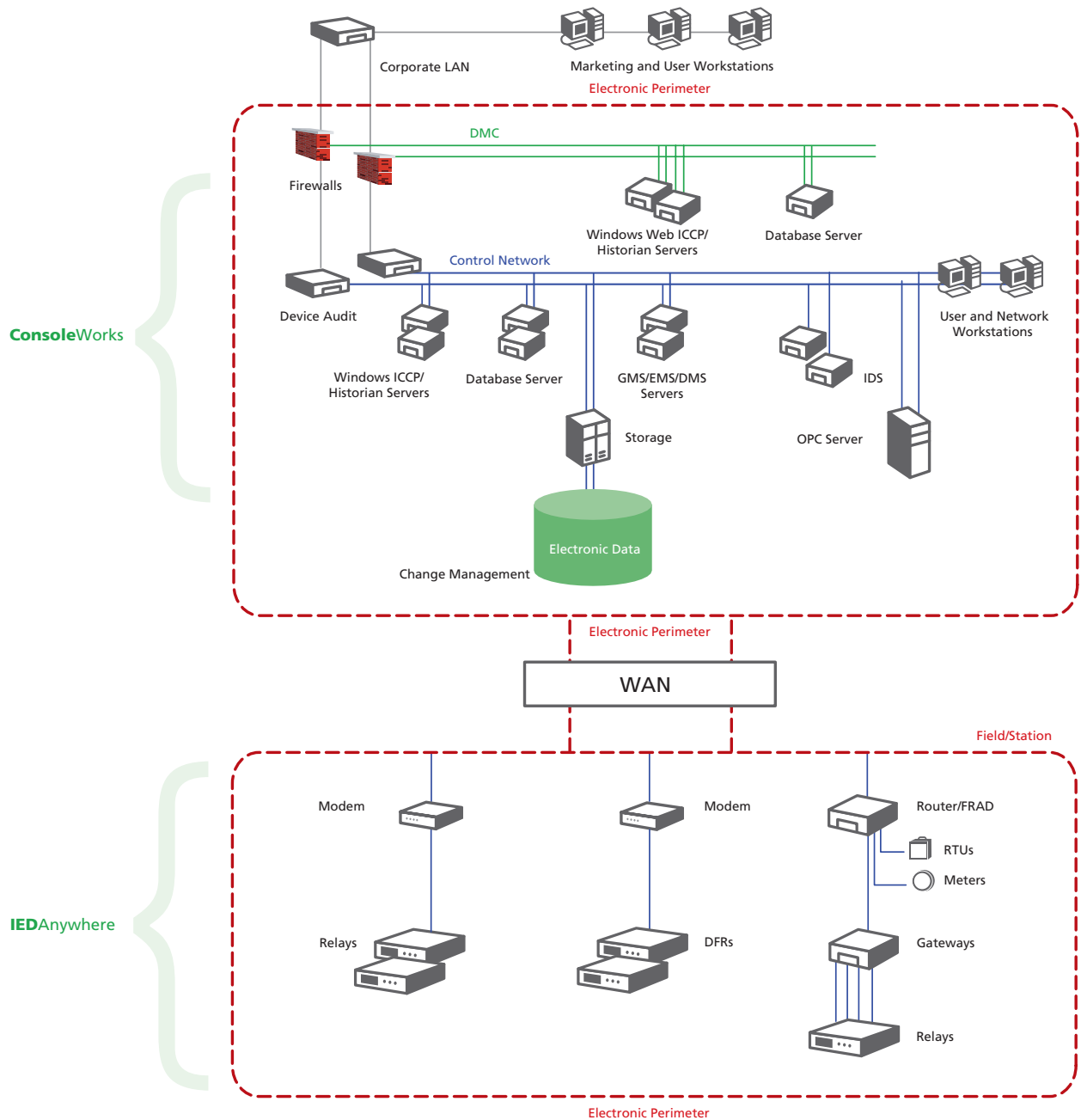
ConsoleWorks is a Web-based enterprise framework, providing real-time secure remote monitoring and management to ensure the availability and security of mission critical computer and control systems. These systems include SCADA Systems, Energy Management Systems (EMS), Market Operating Systems, (MOS), Distribution Management Systems (DMS), Power Plant Monitoring Systems and Outage Management Systems (OMS). ConsoleWorks' pro-active event monitoring and management not only provides security alerts as they occur, but also supplies root-cause indications for hardware and software applications critical to maintaining a reliable infrastructure. The ConsoleWorks network security protocols and intrusion detection capabilities offer those entities generating, supplying, and delivering electricity a significant first step towards compliance with new and evolving federal security regulations. In addition, ConsoleWorks monitors all servers in an enterprise deployment including system disks, memories, storage, networks, internal and external interfaces and even applications. The detection and annunciation of early warning messages permits pro-active management, and helps eliminate or minimize downtime. Either stand alone or by complementing and leveraging tools already in place, ConsoleWorks adds real-time around the clock event management to existing mission critical infrastructures addressing the reliability requirements necessary for mission critical systems.

For Field Infrastructure

IED Anywhere solution provides a management facility for secure remote connectivity to field devices such as relays, RTUs, DFRs and other IEDs. In addition to providing productivity gains to users who need to maintain, configure and retrieve data from remote IEDs, IED Anywhere allows a utility to fully comply with upcoming NERC CIP requirements related to substations and other facilities. The following key features of the product combine to deliver a reliable and scalable remote access solution.

- Transparent access to any IED using it's dedicated application
- Compatible with most major gateways (e.g. SEL 2030, Dymec Dynastar), preserving legacy investment
- NERC CIP Compliance
 - Individual user accounts, audit trail of access
 - Strong authentication
 - Audit log for user access
- Network or dial up access supported





The Time is Now

One stop shopping for NERC compliance has arrived with the teaming up of Bow Networks and TDi. Call us today to begin realizing productivity gains while satisfying the regulatory requirements of today and tomorrow.

About Bow Networks

Bow Networks delivers technology and products to enable utility-wide real time acquisition of substation and plant data. Since 1986, Bow has assisted more than 70 utilities worldwide to achieve better asset utilization and superior quality of service levels.

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Revision date: September 2005
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