



EXECUTIVE BRIEF (TRIPWIRE)

The Tripwire NERC Solution Suite

Complex Compliance Simplified

North American electric utility companies constantly balance the need to be audit-ready for NERC CIP compliance against their top priority: ensuring the reliability of the bulk electric system. NERC CIP compliance, especially when approached using manual methods, is complex, time-consuming and prone to human error. Collecting audit evidence can easily overwhelm IT and operations staff, a task made even more challenging due to frequent revisions of the standards and requirements. However, it's simply the cost of doing business and it's getting more expensive with every revision. Costs in fines and penalties assessed against non-compliant registered entities have been in the hundreds of millions. Equally concerning is that non-compliance leaves utilities more exposed to cyber threat, and more likely to experience service disruptions—putting the entire power grid at risk.

A Comprehensive NERC CIP Compliance Solution

NERC CIP compliance doesn't have to be overwhelming. Fortra's Tripwire has been doing NERC CIP compliance since the standard emerged. Applying our products and our deep domain expertise in compliance as well as security has helped hundreds of electric utilities achieve, maintain and produce "evidence of compliance" for their NERC audits.

The Tripwire NERC CIP Solution Suite is built on our award-winning and patented technology, dramatically reducing the time and effort for power and utility companies to pass their audits.

Components include:

- **Tripwire® Enterprise for Industrial Devices**—Security configuration management
- **Tripwire IP360™**—Vulnerability management
- **Tripwire LogCenter®**—Intelligent log and event management
- **Tripwire's industrial visibility integrations**
- **Tripwire Professional Services**—Our in-house NERC experts

With Tripwire's NERC CIP Solution Suite, you can immediately begin to experience results.

- **Pass NERC CIP audits** with higher efficiency using industry-leading security products, audit-ready reports, dashboards and experienced consultants.
- **Automate NERC CIP compliance processes**, reducing the complexity and workload of error-prone manual compliance efforts.
- **Maintain system reliability** by reducing the attack surface of the technology systems of the power grid.
- **Respond to NERC CIP changes** more easily with automated compliance delivered by a company that is fully engaged in the NERC CIP process.

"We've been able to stay focused on our mission of delivering reliable energy and still achieve our NERC CIP compliance requirements through the use of Tripwire's tailored NERC CIP Solution Suite. They are committed to understanding our issues and have saved us incredible amounts of time and real dollars as well."

—Southwestern US Energy Holding Company

- **Improve security and compliance** beyond NERC CIP, with core security controls that meet additional compliance mandates like PCI, HIPAA and SOX.

Most importantly, you can stay focused on job one: ensuring the reliability of the bulk electric system.

IT Security and Compliance Automation Solutions

Tripwire enables you to achieve and maintain NERC CIP compliance with:

- **Continuous Monitoring:** Continuously collect detailed status information on all your critical cyber assets and immediately detect any changes
- **Situational Awareness:** Automatically aggregate and analyze your security data and alert on suspicious events or modifications that impact your compliance status.

- **Audit-Ready Evidence:** Quickly generate reports and dashboards that fully document, by CIP requirement, your compliance with security controls and processes.
- **Network Visibility:** Identify not only the critical infrastructure assets being protected, but potential threats that are acting maliciously or anomalously via active and passive monitoring methods.

Solutions are tailored to meet the exact needs of each customer, helping you meet many CIP requirements. For more information, visit our NERC CIP compliance page at tripwire.com.

TRIPWIRE COVERAGE OF NERC CIP REQUIREMENTS

13 Standards & 44 Requirements – Tripwire Covers 23

	CIP-002	CIP-003	CIP-004	CIP-005	CIP-006	CIP-007	CIP-008	CIP-009	CIP-010	CIP-011	CIP-012	CIP-013	CIP-014
	BES Cyber System Identification and Categorization	Security Management Controls	Training and Personnel Security	Electronic Security Perimeter	Physical Security of BES Cyber Systems	Systems Security Management	Incident Reporting and Response Planning	Recovery Plans for BES Cyber Systems	Configuration Change Management and Vulnerability Assessments	Information Protection	Control Center Communication Network	Supply Chain Management	Physical Security
1	BES Cyber System Identification	Cyber Security Policy for High/Medium Systems	Awareness	Electronic Security Perimeter	Physical Security Plan	Ports and Services	Cyber Security Incident Response Plan	Recovery Plan Specifications	Configuration Change Management	Information Protection	Physical & Logical Risk Mitigation for Data	Risk Management Plan	Transmission Station Physical Security
2	Regular Approval	Cyber Security Policy for Low Systems	Training	Interactive Remote Access Management	Visitor Control Program	Security Patch Management	Cyber Security Incident Response Plan Implementation and Testing	Recovery Plan Implementation and Testing	Configuration Monitoring	BES Cyber Asset Reuse and Disposal	Proof of Implementation	Proof of Implementation	Third Party Verification of Physical Security
3		Identification of Senior Manager	Personnel Risk Assessment Program		Maintenance and Testing Program	Malicious Code Prevention	Cyber Security Incident Response Plan Review, Update, Communication	Recovery Plan Review, Update and Communication	Vulnerability Assessments			CIP Senior Manager Approval	Primary Control Center
4		Delegation of Authority	Access Management Program			Security Event Monitoring			Transient Cyber Assets and Removable Media				Evaluate Potential Threats & Vulnerabilities
5			Access Revocation Program			System Access Controls							Physical Security Plan
6													Third Party Review of Plans



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About Fortra

Fortra is a cybersecurity company like no other. We're creating a simpler, stronger future for our customers. Our trusted experts and portfolio of integrated, scalable solutions bring balance and control to organizations around the world. We're the positive changemakers and your relentless ally to provide peace of mind through every step of your cybersecurity journey. Learn more at fortra.com.