



Strengthening Cybersecurity Readiness for the U.S. Critical Energy Infrastructure

Identify Exposure | Reduce Risk | Strengthen Resilience

As U.S. critical energy infrastructure becomes increasingly connected, cyber risks across equipment, software, remote access, digital services, and supply chains continue to expand. **The August 2026 Executive Order on securing the U.S. bulk-power system** reinforces this urgency, highlighting the importance of protecting critical environments from foreign-linked risks. For energy organizations, this elevates the need for stronger threat visibility, proactive risk identification, resilient cyber defenses, and preparedness to minimize disruption and protect critical operations.

Black Box Cybersecurity: From Risk Identification To Remediation

Black Box's Critical Infrastructure Cyber Resilience Framework can help organizations translate the objectives of the Executive Order into an actionable cybersecurity and resilience program



Discover

Build visibility across critical assets, technologies, vulnerabilities, external exposures and third-party dependencies. Black Box capabilities:

- ◆ Cybersecurity posture and gap assessment
- ◆ Vulnerability assessment
- ◆ Third-party risk visibility
- ◆ IT/OT asset and exposure discovery
- ◆ External attack-surface assessment



Protect

Reduce pathways attackers can use to reach critical systems. Black Box capabilities:

- ◆ Infrastructure and network security
- ◆ Zero Trust security
- ◆ Vulnerability remediation support
- ◆ Identity & Access Management
- ◆ Network segmentation
- ◆ Privileged Access Management
- ◆ Remote-access security



Monitor

Continuously monitor both the internal environment and external threat landscape. Black Box capabilities:

- ◆ 24x7 SOC / Managed XDR
- ◆ Credential Exposure Monitoring
- ◆ Vulnerability & Exposure Monitoring
- ◆ Dark Web Monitoring
- ◆ Threat Intelligence
- ◆ Third-Party Threat Monitoring

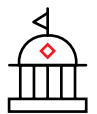


Respond

Convert actionable intelligence into coordinated remediation. Potential workflow:



This helps reduce manual intervention, accelerate response and create a consistent operational and audit trail.



Govern

Maintain executive-level visibility into cyber risk, remediation priorities and security posture. Black Box can support:

- ◆ Risk-based security reporting
- ◆ Cybersecurity governance
- ◆ Security posture assessments
- ◆ Remediation tracking
- ◆ Executive dashboards
- ◆ Readiness assessments as requirements evolve

From Attack Surface To Dark Web: Intelligence Across External Threats

Black Box's cyber threat intelligence and digital risk platform gives security teams visibility into threats targeting their organization, executives, assets, and digital footprint, helping them identify risks before they turn into incidents.

Its core capabilities include Attack Surface Management (ASM), Digital Risk Protection & Monitoring (DRPS), Dark/Deep Web Monitoring, Cyber Threat Intelligence (CTI), Executive/VIP Protection, Third-Party Risk Intelligence, Vulnerability Intelligence, and Cybercrime Intelligence. In simple terms, our solution connects external threat visibility with actionable intelligence so security teams can discover exposed assets, leaked credentials/data, impersonation, emerging threats, vulnerabilities, and other risks and act early.

Why Black Box

Black Box combines IT/OT visibility, managed security, threat intelligence, identity protection, and coordinated remediation to help energy organizations identify exposures, prioritize risks, accelerate response, and strengthen cyber resilience - protecting critical operations as threats and security requirements continue to evolve.

Move from Reactive Security to Proactive Cyber Resilience

Schedule a discussion with Black Box

Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.