



Aaron Crow

Senior Director, OT Cybersecurity | Arcova
Certified Information Systems Security Professional (CISSP)

25+ Years of Industry Experience

RELEVANT BUSINESS EXPERIENCE

- Led OT and IT cybersecurity programs across critical infrastructure, including electric power, water, oil and gas, manufacturing, and transportation, using frameworks such as NIST CSF, NIST 800-82, CIP, ISO 27001, IEC 62443, and MITRE ATT&CK.
- Architected and implemented secure-by-design solutions for enterprise-scale OT environments, including segmentation strategies, industrial DMZ designs, secure remote access, asset visibility, configuration management, and ransomware-resilience programs.
- Served as architect and OT cybersecurity lead for the new Duke Energy headquarters, guiding the design, controls selection, vendor coordination, and integration of building automation, physical security, and IT/OT security systems.
- Guided multiple Fortune 500 and mid-market companies through OT modernization efforts, asset inventory, network segmentation, secure remote access deployments, SOC integration, and risk-reduction initiatives across fleets of plants and facilities.
- Supported organizations with multi-site building programs, coordinating security controls across BAS, HVAC, access control, IoT/IIoT, and vendor ecosystems. Integrated building management systems into corporate and OT risk programs.
- Developed and implemented enterprise OT security standards and governance frameworks for clients operating dozens of facilities, ensuring alignment with regulatory and operational requirements.
- Conducted OT and IT architecture assessments across utilities, manufacturing, energy, and chemical clients to identify gaps, prioritize remediations, and build roadmaps that drive measurable improvement in resilience and safety.
- Worked directly with engineering, product development, and operations teams to embed secure-by-design principles into connected devices, SCADA environments, production networks, and plant automation systems.
- Led Secure Remote Access (iSRA/iDMZ) deployment programs for clients requiring enterprise-wide third-party access control, identity rationalization, and ransomware-resistant OT architectures.
- Delivered executive-level advisory services to CIOs, CISOs, and engineering leadership, including board-ready reporting, governance structure development, and alignment of cyber programs with business and safety requirements.
- Advises executive leadership on site-level security posture across global industrial operations, including facility walkdowns, threat modeling, and prioritization of cyber, physical, and operational risk.
- Led integrated cyber-physical risk assessments for energy, oil & gas, and chemical manufacturing sites, evaluating perimeter security, access control, surveillance, safety systems, and cyber-to-physical threat paths impacting operational continuity and personnel safety.

INDUSTRY EXPERIENCE

- Manufacturing
- Information Technology
- Cybersecurity
- Power Utilities
- Critical Infrastructure
- Chemical & Petrochemical Mfg.

ROLE EXPERIENCE

- OT & Critical Infrastructure Cybersecurity Leadership
- Secure-by-Design Architecture & Engineering
- IT/OT Integration & Modernization
- Security Operations & Incident Response
- Cyber-Physical Risk & Site Security Assessments
- Governance, Risk, and Compliance (NIST, CIP, ISO, IEC)
- Industrial Network Segmentation & Asset Visibility
- Threat Modeling & Risk Assessment
- Cloud, Edge, and IIoT Security Strategy
- SOC, SIEM, and Monitoring Integration for OT
- Resilience, DR, and Business Continuity for Critical Infrastructure

CISSP
Certified Information Systems
Security Professional

CAREER EXPERIENCE

PERIOD	ROLE	ORGANIZATION
2024 - Present	Senior Director, OT Cybersecurity	Arcova
2022 - 2024	Chief Technology Officer	Industrial Defender
2019 - 2022	Senior Manager, Advisory/Cyber	Ernst & Young
2010 - 2018	Manager, Control System Tech Support	Luminant/Vistra