



BlastWave and Axiomtek: Industrial Edge OT Security

Secure Your Critical Infrastructure from Edge to Cloud

The joint BlastWave and Axiomtek solution combines the robust, Zero Trust capabilities of BlastShield with the reliable, high-performance edge computing platform of Axiomtek's IC0120-E3350. Designed for industrial, operational technology (OT), and critical infrastructure environments, this integrated offering provides unparalleled security, simplified remote access, and efficient data processing at the network edge.

Solution Highlights

Zero-Trust Security at the Edge: Implement a "never trust, always verify" approach, ensuring that only authenticated and authorized devices and users can access critical OT resources.

Stealthy Network Protection: BlastShield's Network Cloaking technology renders devices undiscoverable to unauthorized entities, significantly reducing the attack surface.

Secure Remote Access: Enable secure, seamless remote access for maintenance, monitoring, and management of industrial control systems (ICS), SCADA systems, and other edge devices without exposing them to the public internet.

Ruggedized Edge Computing: Industrial-grade design for reliable operation in harsh environments, including temperature (-40°C to +70°C) and power variation (9 to 36 VDC).

Simplified Deployment & Management: Streamlined integration allows for quick and efficient deployment, reducing operational complexity and cost.

Scalable Architecture: Easily scale your secure network as your operational needs evolve, from single deployments to distributed industrial environments.

How the Solution Works

The Axiomtek IC0120-E3350 acts as a secure edge gateway, running the BlastShield software. OT devices connected to the IC0120-E3350 become part of the BlastShield network mesh protected from unauthorized discovery and access. Remote users or systems, also running the BlastShield client, can then securely and directly access these OT devices through the authenticated and authorized BlastShield network, bypassing traditional VPN complexities and vulnerabilities.

Ideal Use Cases

Securing Oil and Gas sites, manufacturing plants, power grids, water treatment plants, transportation systems, Building Management Systems (BMS), and data center OT networks.

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Zero Trust OT Protection

Eliminates 95% of successful attack vectors, including AI-powered reconnaissance and phishing through a unique combination of Network Cloaking, Passwordless MFA, Secure Remote Access, and Software-Defined Network Segmentation.



Hardened OT Platforms

Extremely cost-effective industrial platforms supporting wide range of temperature and power requirements designed to solve industrial connectivity and security challenges.



Prevent industrial cyberattacks, and ensure the world's critical infrastructure stays protected, productive, and profitable. Together we can build a resilient future for OT networks. Join the movement at www.blastwave.com

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