Adlumin — Your Command Center for Security Operations

Discover, contain, and remediate threats before they cause massive operational shutdowns and supply-chain disruptions.

Manufacturers across multiple industries rely on Adlumin to prevent operational disruptions and detect and contain threats before they affect productivity or cause costly supply-chain penalties. Securing operations across the information technology (IT) and operational technology (OT) systems is paramount to maintaining operational integrity and avoiding expensive shutdowns.

Manufacturing sectors have changed significantly over the past decade with the adoption of industrial internet-connected automation, embedded sensors, cloud computing, centralized management systems, and even artificial intelligence. This fourth industrial revolution (IR 4.0) now connects factory floors and supply chain elements through industrial IoT (IIoT) and execution systems tied to enterprise resource management and critical business intelligence services.

This digital disruption expands both opportunity and risk. IR 4.0 offers streamlined operations and optimized production. But IR 4.0 allows cybercriminals to do more damage, yielding criminal payoff orders of magnitude more than they could five years ago.

Manufacturing sees IR 4.0 as the future, while sophisticated threat actors view it as an expanded attack surface littered with vulnerable systems and valuable data—all belonging to companies with much to lose.

Cybercriminals target manufacturing organizations with the following intentions:

- Cripple operations with pervasive ransomware attacks.

- Demand seven-figure extortions to keep the event out of the public eye.

- Contact supply-chain partners and customers with proof of their cyber heist to force their victim into making ransom payments.

- Resell stolen trade secrets, competitive manufacturing processes, schematics, and intellectual property (IP).

Headline-grabbing breaches and massive operational shutdowns demonstrate that all manufacturing sectors are vulnerable. Criminal groups like Conti regularly target manufacturers with ransomware designed to cause complete operational disruptions and sell stolen data (financial records and proprietary intellectual property) on the dark web.

While manufacturing firms range significantly in harnessing cyber automation, many firms participate in a controlled supply chain. They must invest in security to protect their place in the chain or meet specific requirements. Aerospace, automotive, and defense (government) vendors adhere to specific standards, including NIST-171 or the CMMC paradigm.

Managing cyber risk is now a business imperative for manufacturing organizations to enjoy the benefits of IR 4.0 without falling victim to debilitating, expensive, and public cyberattacks.

As sophisticated threats, including ransomware gangs and state-sponsored actors, identify manufacturing as a preferred target, manufacturers struggle to respond to this threat and deploy a security program that can detect threats in minutes and stop them before they become operationally disrupting.

Solution

Illuminate Threats. Eliminate Risk. Command Authority.

Adlumin understands what you can't see poses the greatest risk. Your exposures lurk in the cloud, your hybrid environments, and the darknet. There are countless gaps where threats can hide before they lead to business disrupting events like ransomware shutdowns or massive data breaches.

Adlumin is a patented, Security Operations Platform that focuses on simplifying the process of complex compliance reporting, providing IT resources, tools, and experiences to enhance your organization's security landscape. Our platform illuminates the threats that would have otherwise gone unseen in the lead-up to a massive attack. Additionally, the platform provides financial institutions with active directory and account monitoring, deep and dark web monitoring, perimeter defense, and log management capabilities to deliver Adlumin's command center for security operations and MDR Services.

Adlumin provides manufacturing organizations with:

- 24x7 threat hunting to detect and contain threats before they disrupt your operations or cause supply-chain disruptions

- Live, one-touch customizable compliance reporting to assure regulatory compliance and for supply chain due diligence purposes

- Approved proactive security awareness training and testing to meet continuous education requirements and general compliance for non-licensed employees.

Adlumin Security Operations Platform

Adlumin's Platform plus MDR Services.
Your Command Center for Security Operations.
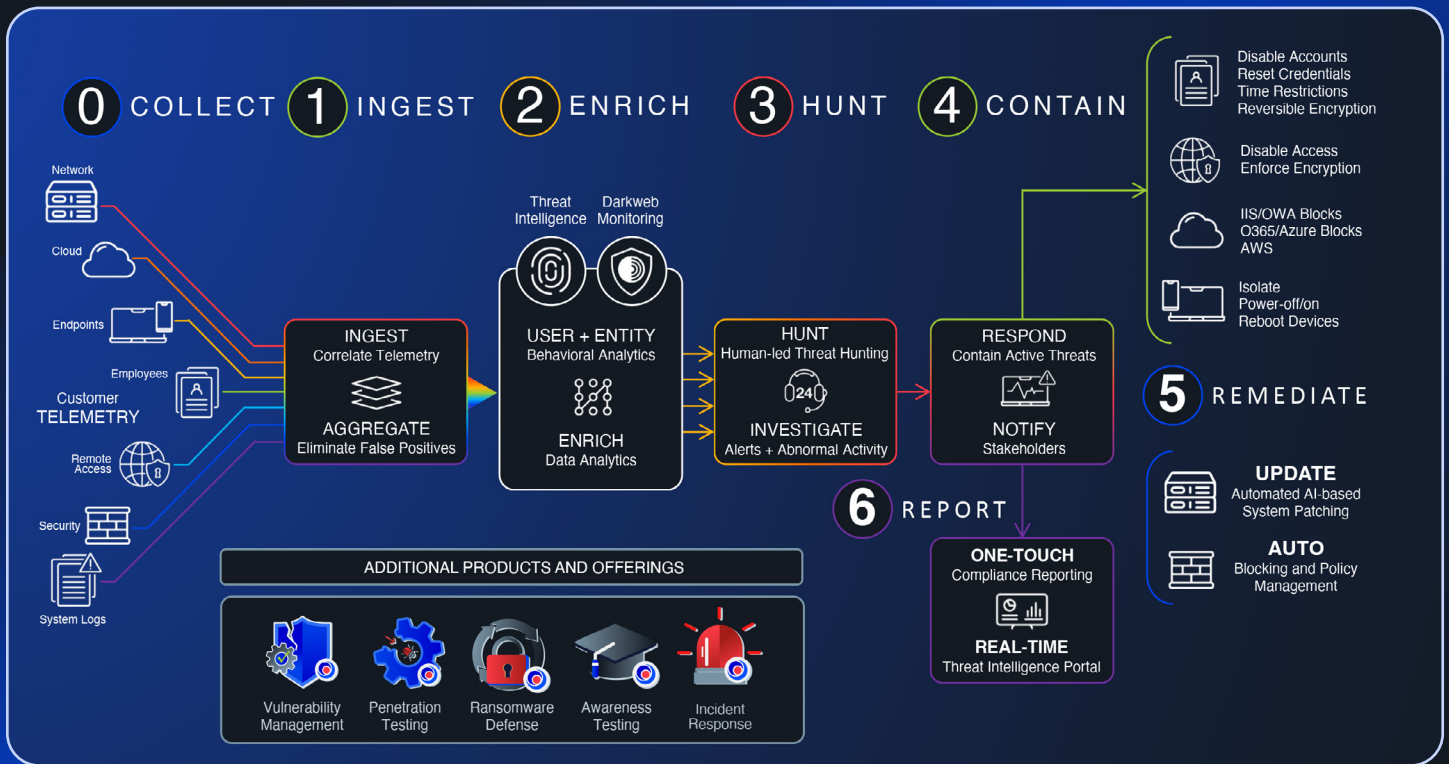
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Adlumin Inc. is a patented, cloud-native Security Operations Platform plus Managed Detection and Response Services. The platform focuses on advanced cyber threats, system vulnerabilities, and sprawling IT operations to command greater visibility, stop threats, reduce business risk, and automate compliance. The command center for security operations, Adlumin leverages powerful machine learning, identifies critical threats, orchestrates auto-remediation system updates, and provides live continuous compliance reporting. Don't let your IT organization be caught in the dark.

Illuminate Threats, Eliminate Risks, and Command Authority with Adlumin. www.adlumin.com