

TOTAL SECURITY FOR INDUSTRY 4.0

Device Trust Manager secures IIoT devices from design to decommission, ensuring comprehensive protection throughout their lifecycle.

Overview

As the Industrial Internet of Things (IIoT) redefines the boundaries of connectivity and automation across industries, it also introduces an intricate web of cybersecurity challenges. In this rapidly advancing domain, the stakes for securing operational technology are not just high—they are critical. DigiCert® Device Trust Manager emerges as a comprehensive safeguard, meticulously engineered to fortify IIoT infrastructures against sophisticated cyber threats, ensuring the resilience and reliability of interconnected industrial ecosystems.



The IIoT Security Imperative

The melding of operational technology (OT) with information technology (IT) marks a revolution in the Industrial Internet of Things (IIoT), driving unparalleled gains in productivity and innovation. Yet, this blend introduces complex cybersecurity challenges, making robust security for devices, software, and networks essential for maintaining industrial operations' resilience. Device Trust Manager emerges as a tailored solution, crafted to protect the IIoT realm with unmatched precision and adaptability.

The IIoT Security Imperative

Device Trust Manager addresses IIoT's complex needs with a comprehensive security suite, from securing device identities to ensuring compliance with global standards. Our goal is straightforward: provide a security framework that guards against imminent and emerging threats, empowering the IIoT to achieve its vast potential securely.

By focusing on these key areas, Device Trust Manager not only mitigates risks but also propels the IIoT toward a future where security and innovation go hand in hand.

A Unified Security Strategy

Device Trust Manager redefines security for the diverse IIoT ecosystem. It offers a nuanced approach that integrates security into the essence of IIoT devices—from initial deployment to end-of-life. Acknowledging the spectrum of IIoT devices, from simple sensors to advanced control systems, Device Trust Manager delivers scalable security without hindering performance. It focuses on preserving data integrity and ensuring operational continuity, essential for industries reliant on real-time data. This proactive stance fortifies the IIoT against disruptions, fostering a trust-rich environment for all stakeholders.

Integrating Device Trust Manager into your IIoT strategy delivers critical business advantages, including:

- **Enhanced Operational Efficiency**
- **Risk Management Optimization**
- **Innovation Acceleration**
- **Trust and Reliability Enhancement**
- **Market Compliance Confidence**

EMPOWERING INDUSTRIAL INNOVATION

Beyond encryption: Device Trust Manager's holistic approach to safeguarding industrial devices and networks.

IloT Security Essentials

Device Trust Manager transcends traditional security measures by delivering an end-to-end solution that addresses the nuanced security needs of the IloT. From the assembly line to the executive dashboard, our solution ensures that every device, every piece of data, and every software update is secure, authenticated, and compliant.

Robust Identity Verification Secures device identities with unparalleled precision, ensuring that every component in the IloT network communicates securely and reliably, guarding against impersonation and infiltration attempts.

Integrity of Software Supply Chain Implements rigorous safeguards for software development and deployment processes, including secure code signing and bulletproof firmware updates, to shield against the rising tide of supply chain attacks.

Adaptive Security Posture Utilizing advanced cryptography and standardized protocols, our solution efficiently fortifies IloT devices against evolving threats, ensuring resilient defense throughout their lifecycle.

Streamlined Compliance Framework Demystifies the compliance landscape, ensuring that devices and their software adhere to the latest international standards and regulatory requirements, thus maintaining operational integrity and data privacy across global markets.

The DigiCert Difference

Partner with DigiCert for a security foundation that enhances your initiatives. Contact us at sales@digicert.com to learn how our security not only ensures compliance but also leads industrial innovation.

Empowering IloT with Digital Trust

Device Trust Manager provides more than just security; it delivers peace of mind. By embedding robust security foundations into the fabric of the IloT, we enable industries to harness the full potential of their technologies and innovations, knowing their operations are protected against the cyber threats of today and tomorrow. Our solution empowers IloT ecosystems to:

Drive Forward Innovation Focus on pioneering industrial advancements without the overhead of security concerns, accelerating the path from concept to deployment with confidence.

Ensure Operational Excellence Maintain the highest standards of reliability and data integrity, critical for operational decision-making and the seamless orchestration of industrial processes.

Foster Trust and Assurance Strengthen stakeholder confidence by demonstrating a steadfast commitment to cybersecurity, reinforcing your organization's reputation as a trusted leader in the industrial sector.

