

Now IEC62443-4-2 Certified



What is IEC62443-4-2 Certification?




IEC62443 is a series of standards that address cybersecurity for operational technology in automation and control systems. Set by the IEC System for Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE), it is the most widely recognized and challenging-to-achieve security standard in industrial automation and control systems. The series is divided into different sections and describes both technical and process-related aspects of automation and control systems cybersecurity.

IEC62443-4-2 is the part of IEC62443 that defines technical requirements for products or components. Achieving this certification confirms that the IR302 industrial LTE router, the IG502 and IG902 IoT edge gateways meet the rigorous security requirements for industrial control systems, including robust protection against cyber threats, secure communication, and secure software and firmware updates.

Why IEC62443-4-2 Matters

In today's rapidly evolving industrial landscape, cybersecurity is more critical than ever. With increasing connectivity and the proliferation of IoT devices, the potential for cyber-attacks has grown exponentially. The IEC62443-4-2 certification ensures that InHand Networks' products provide the necessary safeguards to protect critical infrastructure and industrial networks from vulnerabilities and unauthorized access.

Key Benefits of the Certified Products

		
<p>IR302/IR315 Industrial LTE Router</p> <ul style="list-style-type: none"> + Wide cellular range: from LTE CAT 1 to CAT 4 + Globally Certified: Certified by major telecom operators worldwide and across industries (E-Mark, UL, etc.) + Industrial Grade: Ensures reliable connectivity + Widely Applied: Millions of installations for critical applications 	<p>IG502/IG902 IoT Edge Gateway</p> <ul style="list-style-type: none"> + Multiple Protocols Supported: Supports 80+ industrial protocols + Simplified Data Acquisition: Easy configuration with DeviceSupervisor Agent + Cloud Ready: Easy integration with client cloud platform via MQTTS + Full Set of Industrial Interfaces: RS232/RS485, IO, GPS, etc. 	<p>EC312 Edge Computer</p> <ul style="list-style-type: none"> + Multiple Protocols Supported: Supports 80+ industrial protocols + Simplified Data Acquisition: Easy configuration with DeviceSupervisor Agent + Secure Boot, TPM2.0 + Linux, Yocto, IEOS + InHand DeviceLive cloud management