

# Industrial network manufacturer Lantech obtains IEC 62443-4-1 international certification

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*By Lantech*

Leading manufacturer of industrial networking solutions, [Lantech Communications Global Inc](#), has announced successfully achieving the certification of the international standard IEC 62443-4-1, this is the network security standard.

With the creation of diversified applications by new technologies such as 5G, artificial intelligence (AI), and industrial Internet of Things (IIoT), the networking of industrial networking equipment has become the cornerstone of various smart applications, it is inevitable we must face the even increasing challenges of information security.

Lantech has been committed to the pursuit of network security for a long time, using this general standard to understand and integrate with international standards completes the construction of an information

security defence system. Lantech was successfully awarded the International Certification of IEC 62443-4-1 by the IECEE-certified organisation.

IEC 62443 is a key standard for network security, and it is currently the only industrial control network security standard applicable to various industries in the world. Today this standard has been adopted by many industries, such as, rail transportation, autonomous vehicles, smart buildings, smart cities, energy, and utilities, etc. This standard defines components, systems, and solutions for the industrial control industry. Part 4-1 of the standard details the requirements for the development cycle of security products. Obtaining this standard means Lantech has the ability to design and develop security products for industrial networks. The company comprehensively assists various industries to strengthen industrial control and information security protection, this creates a safer OT environment for critical infrastructure.

Lantech complies with the IEC 62443-4-1 international standard and introduces safety standards throughout product development and life cycle. This standard is applied to all aspects of the product design, the specification, development of the hardware /firmware & testing. The standard also applies to repairs and how Lantech responds to security vulnerabilities after the production process & when products are in operational situations. Lantech has followed the security regulations to undertake the following: strengthen and improve product quality and protect information security, this also means we are able to identify and work with customers to mitigate any risks.

Information security issues in the industrial control industry are receiving increased attention. Lantech believes that after obtaining the credible IEC 62443-4-1 certification, customers will see how committed Lantech is to improving trust. In addition to becoming an important part of the company's competitiveness, the concept of information security can also be deeply rooted in the corporate culture, providing customers with more secure and guaranteed industrial-grade networking products. With the achievement of obtaining IEC 62443-4-1 certification by Lantech is just the beginning, Lantech will continue to provide improvements to information related to the security of industrial control and will continue to strengthen the resilience of Information Security.

## **About Lantech**

Lantech Communications Global, Inc. is an IRIS & ITxPT certified manufacturer of Ethernet products focused on the transportation markets, bus, train, trackside, ITS, smart city and many more applications. Our range of onboard EN50155 & E-Marked Ethernet switches & wireless/ LTE routers offer cutting edge design and functionality. We continue to work with our key customers in creating further enhancements & developments in on board passenger information, video security, trackside data communications by providing rugged 10GbE, PoE managed Ethernet switches, LTE/Wi-Fi routers in line with ITxPT and E-Marked certifications for various applications and critical solutions.

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