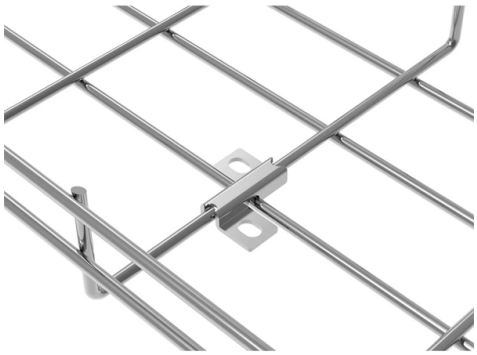
High-precision certification of Egyptian network security equipment



Overview

The Egyptian Computer Emergency Readiness Team (EG-CERT) was established by the National Telecommunications Regulatory Authority (NTRA) in April 2009.

Key Takeaways

In Egypt, high-precision certification of network security equipment is primarily governed by the NTRA, requiring compliance with international standards such as ISO, CE, and FCC, alongside oversight by EG-CERT for cybersecurity readiness.

NTRA Certification Requirements

The National Telecommunications Regulatory Authority (NTRA) mandates that all telecommunications and network security equipment entering the Egyptian market must meet strict certification criteria. Key requirements include: International Standards Compliance: Equipment must first obtain CE or FCC certification to demonstrate adherence to global safety and performance standards. Manufacturer Accreditation: The manufacturer applying for certification must hold ISO 9001 certification, ensuring quality management systems are in place.

Product Consistency: Equipment delivered to Egyptian ports must match the specifications listed in the NTRA certificate, including model, type, and manufacturer details.

IS

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O Standards for Cybersecurity: For information security systems, ISO 27001 certification is recognized, reflecting robust cybersecurity practices and secure handling of sensitive data. Role of EG-CERTThe Egyptian Computer Emergency Readiness Team (EG-CERT), under NTRA, provides continuous monitoring and evaluation of cybersecurity infrastructure. Its responsibilities include: Cyber Incident Handling: Detecting and responding to cyber threats and attacks on critical infrastructure.

Penetration Testing and Malware Analysis: Conducting high-precision testing to identify vulnerabilities in network equipment. Critical Infrastructure Protection: Assessing the cybersecurity maturity of sectors and ensuring compliance with national and international standards. Digital Forensics and Threat Mitigation: Investigating cyber incidents and implementing proactive measures to prevent breaches.

EG-CERT's work ensures that network security equipment not only meets regulatory standards but also withstands real-world cyber threats, providing a high-precision validation layer.

Professional Recognition and Expertise

While NTR

A certification focuses on equipment compliance, professional expertise is supported through initiatives like the ISSA Egypt Cybersecurity Network, which recognizes qualified cybersecurity professionals. This network helps ensure that personnel managing and testing network security equipment are highly skilled, further enhancing the reliability and precision of certification processes. SummaryHigh-precision certification of Egyptian network security equipment involves a multi-layered approach: International compliance (CE, FCC, ISO 9001, ISO 27001).

Regulatory approval by NTRA, ensuring product consistency and quality. Cybersecurity validation by EG-CERT through testing, monitoring, and incident response. Professional expertise via recognized networks like ISSA Egypt to maintain operational excellence.

This integrated framework ensures that network security equipment in Egypt meets both technical and cybersecurity standards, providing a secure and reliable ICT environment for critical sectors.

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Article Content

NTRA obtains ISO 27001 of Information Security Systems

The National Telecommunications Regulatory Authority of Egypt (NTRA), in cooperation with JAS-ANZ, obtained ISO 27001 of Information Security Systems in the fields of in-house

Cyber Security

EG-CERT is charged with providing computer and information security incident response, support, defense and analysis against cyber attacks and collaboration with governmental, financial entities

BARQ Systems Receives Full Cybersecurity

This full-spectrum certification positions BARQ Systems as a trusted national partner, authorized to deliver end-to-end cybersecurity solutions to

Egypt''s NTRA Achieves ISO 27001 Certification for Information

The National Telecommunications Regulatory Authority of Egypt (NTRA), in cooperation with JAS-ANZ, obtained ISO 27001 of Information Security Systems in the fields of in-house

Ministry of Communications and Information Technology

Implemented by ESCC, it promotes a unified national approach to cyber risk management, emphasizing governance, awareness, capacity building, scientific research, innovation, and international

NTRA achieves ISO 27001 certification for information security systems

The National Telecom Regulatory Authority of Egypt (NTRA) has successfully obtained the ISO 27001 certification for Information Security Systems in the areas of in-house cybersecurity

Egyptian Computer Emergency Readiness Team

The Egyptian Computer Emergency Readiness Team (EG-CERT) was established by the National Telecommunications Regulatory Authority (NTRA) in April 2009. It provides around-the-clock

Egyptian NTRA certification

That is, telecommunications equipment applying for NTRA type certification must first meet the requirements of CE and FCC regulations, pass relevant standards testing, obtain accreditation

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Ministry of Communications and Information Technology

The National Telecom Regulatory Authority (NTRA) has achieved ISO 27001 certification for Information Security Systems in the areas of in-house cybersecurity and digital transformation.

ISSA Egypt Cybersecurity Network – ISSA Egypt

The ISSA Egypt Cybersecurity Network recognizes professional certifications — including those issued by The British University in Egypt and other educational institutions — as evidence of competency

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National Cybersecurity Strategy 2017-2021

Introduction This document entitled “National Cybersecurity Strategy” has been prepared within the scope of the State''s efforts to support national security and develop the Egyptian society, and in

Ministry of Communications and Information Technology

As Egypt''s digital transformation accelerates, cybersecurity has become a national priority for ensuring the security, resilience, and continuity of digital services and critical infrastructure.

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Product Certification Bodies

The overall aim of certifying products is to give confidence to all interested parties that a product, fulfills specified requirements. The value of certification is the degree of confidence and trust that is

NCSI :: Egypt

National Telecom Regulatory Authority (NTRA) plays a crucial role in overseeing telecommunications, including critical information infrastructure. They have the mandate to ensure the security and

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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