NESAS Certification - Network Equipment Security

What is NESAS Certification?

The **Network Equipment Security Assurance Scheme (NESAS)** is a globally recognised security certification framework developed collaboratively by the **Global System for Mobile Communications Association (GSMA)** and the **3rd Generation Partnership Project (3GPP).** It is designed to provide a security assurance framework for the telecommunications industry, particularly focusing on the network equipment used in mobile networks.

Key Aspects of Network Equipment Security Assurance Scheme (NESAS) Certification

Here are some of the key aspects of NESAS certification:

1. **Security Baseline**: NESAS establishes a security baseline for network equipment through a standardized assessment process. This helps ensure that the equipment meets specific security requirements, reducing the risk of vulnerabilities in mobile networks.
2. **Development and Product Lifecycle**: NESAS assesses the vendor development processes and the network functions provided by the infrastructure. during the development and product lifecycle. This includes aspects like secure coding practices, testing procedures, and supply chain security.
3. **Global Adoption**: NESAS is intended to be a globally applicable scheme, allowing network operators and regulators worldwide to have confidence in the security of network equipment from certified vendors.

You can find more information on the scheme and audit guidelines in [NESAS Documentation](#).

What Is the NESAS Certification Process?

Under NESAS, network equipment vendors undergo a rigorous evaluation by independent security labs. The certification is not a one-time event; it requires periodic reassessments to maintain the certification, ensuring ongoing compliance with the security standards.

These are the steps to perform a certification process:

Why should I opt for NESAS Certification?

When obtaining a NESAS Certification you would have the next impact:

- Enhanced security and trust in network equipment.
- Increased market acceptance and regulatory compliance.
- Competitive advantage and customer confidence.

Benefits of evaluating NESAS Certification with Applus+ Laboratories

[Applus+ Laboratories](#) can help you and guide you on the steps to follow to opt for a NESAS certificate.

- Comprehensive Evaluation: Applus+ Laboratories evaluates all levels of NESAS, offering extensive [cybersecurity](#) options for network equipment.
- Accredited Expertise: Accredited for various global standards, ensuring trusted evaluations.
- Enhanced Security: Ensures network equipment meets necessary protection levels and industry standards.
- Market Adoption: Facilitates [market entry](#) with recognized security certification