Cisco is committed to building trustworthy solutions, with embedded security across multiple platforms. The combination of secure development processes and technology is part of how we provide a rock-solid network foundation.

**Reduced Vulnerabilities and Risk**
Visibility into Platform Integrity
Faster Identification and Remediation of Threats

**CISCO SECURE DEVELOPMENT LIFECYCLE (SDL)**
A repeatable and measurable process designed to increase the resiliency and trustworthiness of Cisco products.

**Trustworthy Technologies**
- **Trust Anchor module**
  - Authenticates hardware and provides:
    - Cryptographic functions
    - Immutable device identity
    - Secure storage
- **Secure Boot**
  Helps ensure only authentic and unmodified Cisco software boots up on Cisco platforms.
  Mitigates advanced persistent threats, physical possession and part replacement attacks.
- **Image Signing**
  Digitally signed software protects against insertion of counterfeit and tampered software.
  Cryptographically signed images ensure software is authentic and unmodified.
- **Modern Crypto**
  Up-to-date and secure algorithms with support for international ECC curves.
  Research and standards collaboration on Postquantum Crypto and Internet of Things.
- **Runtime Defenses**
  Protect running devices from attacks that change product software execution.
  Built-in operating system protections that increase system resilience.

**GLOBAL GOVERNMENT CERTIFICATIONS**
All Cisco customers benefit from rigorous testing and certification requirements.

**Training and Education**
11 Years of SecCon, the Cisco Security Conference
100,000 Employees with Continuous Security Education

**Why authenticate?**
Because counterfeit products have a higher risk of downtime, backdoors, logic bombs, built-in malware and spyware, inferior components, and greater potential for denial-of-service attacks.

Building a technically-sound solution requires that security is a primary design consideration. Security must be implemented holistically across the entire product lifecycle. At Cisco, security and trustworthiness are not afterthoughts; they must be designed, built, and delivered from the ground up.