

## The importance of strengthening security resource development at the field level from the perspective of Security by Design



Value and Career Paths provided by the CompTIA certification programs

TARGET

Business Divisions Security Officers

Background of Efforts

### SoftBank Corp.

Tokyo Portcity Takeshiba Office Tower  
1-7-1 Kaigan, Minato-ku,  
Tokyo  
<http://www.softbank.jp/en/>

“Security+ should be the first certification to pursue for those involved in cyber security.”

Mr. Satoshi Hinago,  
Technical Meister,  
Technology Administration  
Division

### Certification in USE

- CompTIA Security+
- CompTIA CySA+
- CompTIA PenTest+

### CompTIA WORLDWIDE HEADQUARTERS

CompTIA Certifications, LLC  
3500 Lacey Road, Suite 100  
Downers Grove, IL  
60515-5439  
CompTIA.org

### What is Security by Design adopted by SoftBank?

Security by Design is a development approach to incorporate security design from the upstream process stage such as "planning" and "design." This reduces costs significantly and enhances maintainability when compared to the legacy method that incorporates security in an "operation" process.

### Challenges and Solution

Challenges during the effort included a large number of cases involved with the security team and the burden of risk acceptance. Therefore, it was necessary to establish a structure enabling approval work in each business division while the security team provided support and required an urgent need for developing security officers who could perform such work.



### CompTIA Cybersecurity certifications



**CompTIA Security+** designates knowledgeable professionals in the field of security. The exam covers the most important foundational principles for securing a network and managing risk.



**CompTIA CySA+** evaluates the knowledge and skills required to understand threat detection tools and identify organizational vulnerabilities, threats and risks.

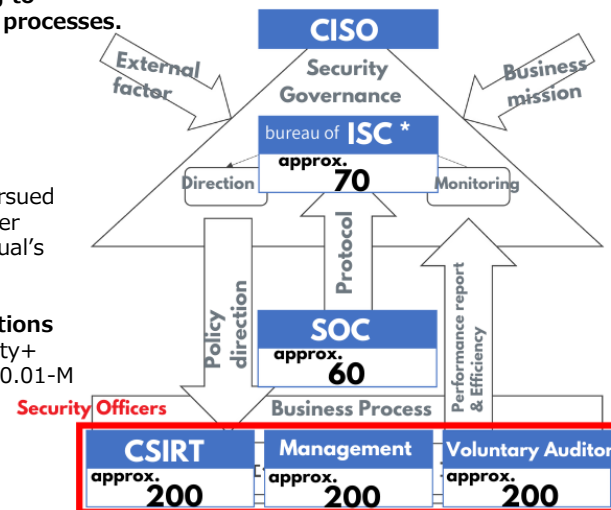


**CompTIA PenTest+** assesses the most up-to-date penetration testing, and vulnerability assessment and management skills necessary to determine the resiliency of the network against attacks.

### ACTION

As a part of Security by Design effort, aiming to develop about 600 professionals in business processes.

- ✓ **Mandatory certification acquisition**  
All CSIRT members are expected to be CompTIA Security+ certified.
- ✓ **Promoting certifications by career**  
For example, CompTIA Security+ is to be pursued when deployed in the security division. Further certification is suggested according to individual's career path.
- ✓ **Trusted and industry recognized certifications**  
Many CompTIA certifications including Security+ are ISO 17024 compliant. US DoD 8140/8570.01-M approved.
- ✓ **Motivation for engagement**  
Grants of special allowances, training, access authority, and consulting is considered.



\*Information Security Committee

“Security+ comprehensively covers and serves as proof of basic cybersecurity knowledge. It is a qualification acting as a license for getting started in cybersecurity.” Mr. Satoshi Hinago, Technical Meister

CompTIA®