



### Ensure transparency of devices throughout the supply chain

#### Abstract

Supply chain risks have become apparent as OSS usage has spread and functions have become more sophisticated. This technology ensures transparency by visualizing the configuration and risks of devices and realizes efficient security management. We realize a world in which networks such as 5G, 6G and IOWN can be trusted and used by everyone.

#### Features

- Generate device info across the supply chain and visualize configuration and risk of devices
- Device info enables accurate and complete risk analysis

#### Application Scenarios

- Check for illegal software during equipment procurement
- Reveal impacts of new vulnerabilities and take action quickly

#### Roadmaps

- We will confirm the effectiveness of the STT through the test operation of the local 5G facility, and establish a consortium to spread the technical specifications.

#### Collaboration Partners

- NEC Corporation

#### Exhibitors

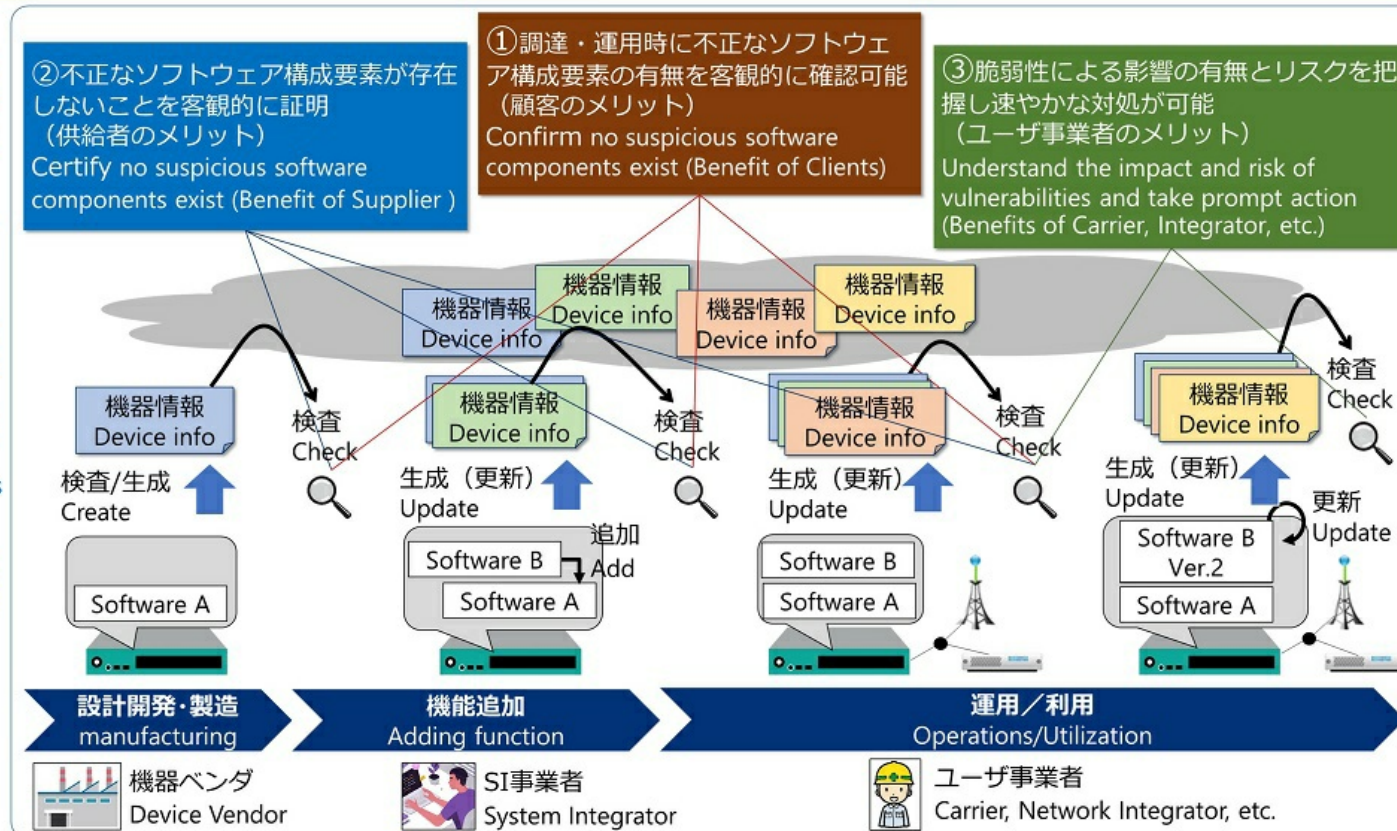
NIPPON TELEGRAPH AND TELEPHONE CORPORATION

#### STT : Security Transparency assurance Technology (セキュリティトランスパレンシー確保技術)

通信機器の「構成」「リスク」を可視化した機器情報を生成し、サプライチェーン全体にわたる共有により抜本的にセキュリティ向上を図る技術  
STT radically improve security by generating device info that visualizes the "configuration" and "risks" and sharing it throughout the supply chain.

#### 従来の問題点 Problems

- 調達や構築の依頼者は、機器内の不正なソフトウェア構成要素の有無の確認が困難なため、採用可否を企業のブランドや信用に依存している  
It is difficult for Clients to check for suspicious software on the devices, so they make a purchase decision based on corporate brand or trust.
- 供給者は機器の安全性を証明することが難しく、事業者として信用がなければ機器を調達してもらえない  
It is difficult for Suppliers to prove the safety of devices and devices they manufactured are not purchased unless they are trusted.
- ユーザ事業者は、脆弱性が発見された際に速やかに気づき、その内容に応じて適切に対処を行うことが難しい  
It is difficult for Carriers and Network integrators to become aware of the impact of newly discovered vulnerabilities on their devices and to take appropriate action based on risk.



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