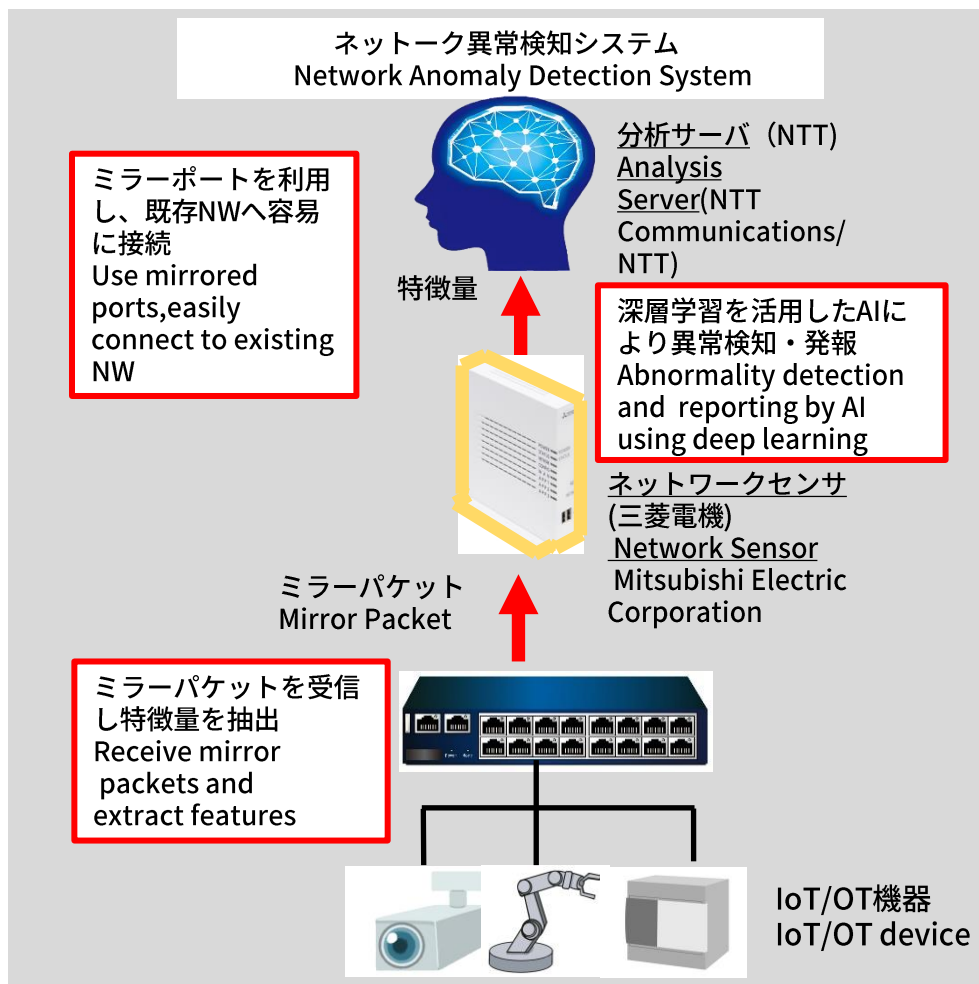


Detect unknown cyber-attacks by utilizing AI-based anomaly detection to enhance IoT/OT security

#Business Resilience



///Technical Issue

The detection method of existing security devices/software is pattern matching, which makes it difficult to detect unknown attacks.

///Research Goal

Predicting and defending against unknown cyber-attacks reduces corporate economic losses, increases client confidence, and enhances corporate value.

---Technology

Equipped with AI (deep learning) models developed independently by NTT Service Innovation Laboratory Group.

---Novelty

By using AI to learn communication status without relying on signatures, anomalies can be detected without relying on protocols, making it easy to deploy even in OT environments where external communication is restricted, such as critical infrastructure.

---Applicable Business

Early detection of system anomalies in critical infrastructure (power, gas, water, telecommunications, transportation, finance, medical, etc.) and manufacturing industries (service available).