



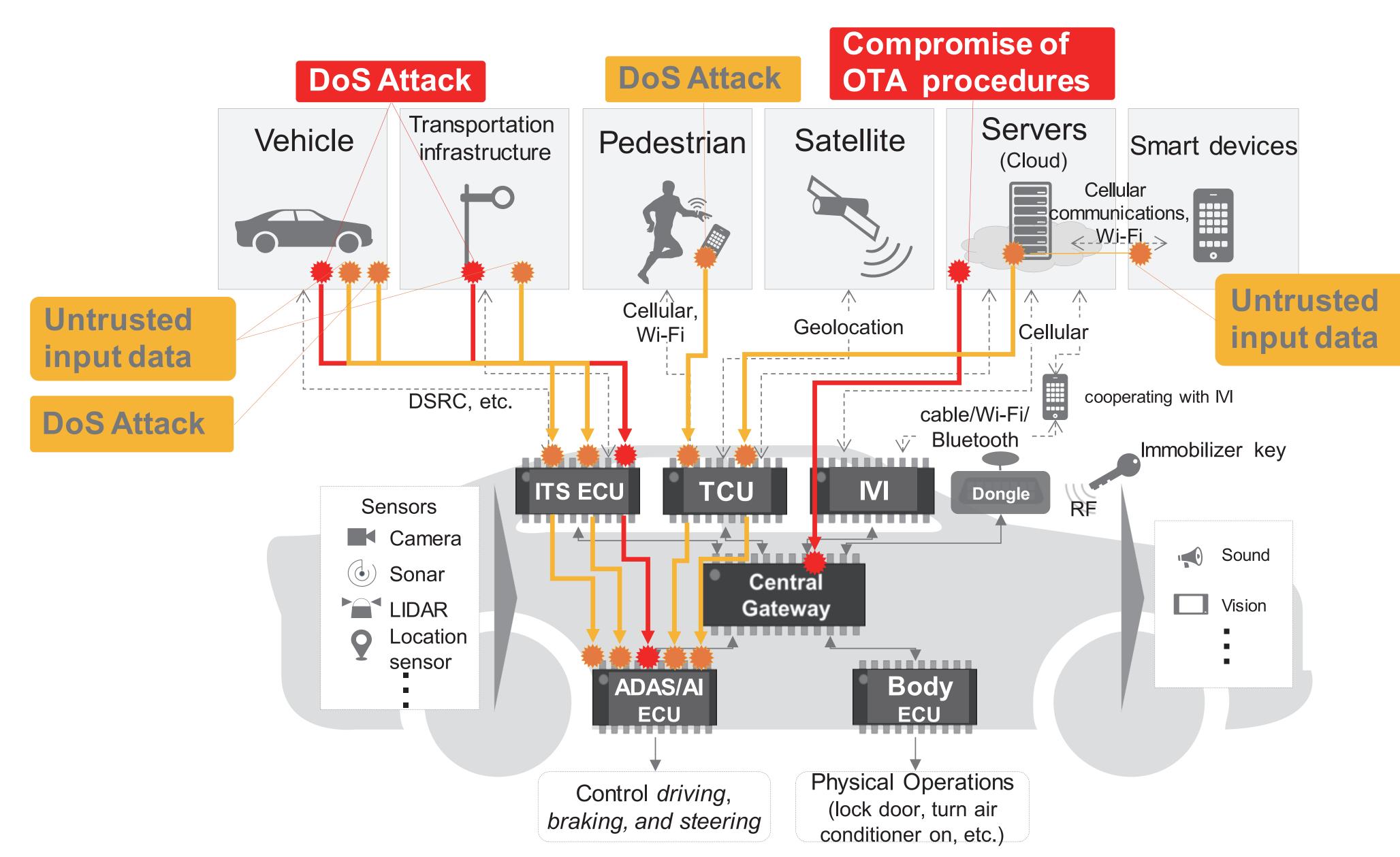


Establishment of Security Evaluation Method against Attacks using Vehicle Communication

Establishment of Vehicle Security Evaluation Method

Formulation of Comprehensive Threat Model

Identified a common model for automated driving system as well as a comprehensive threat model.



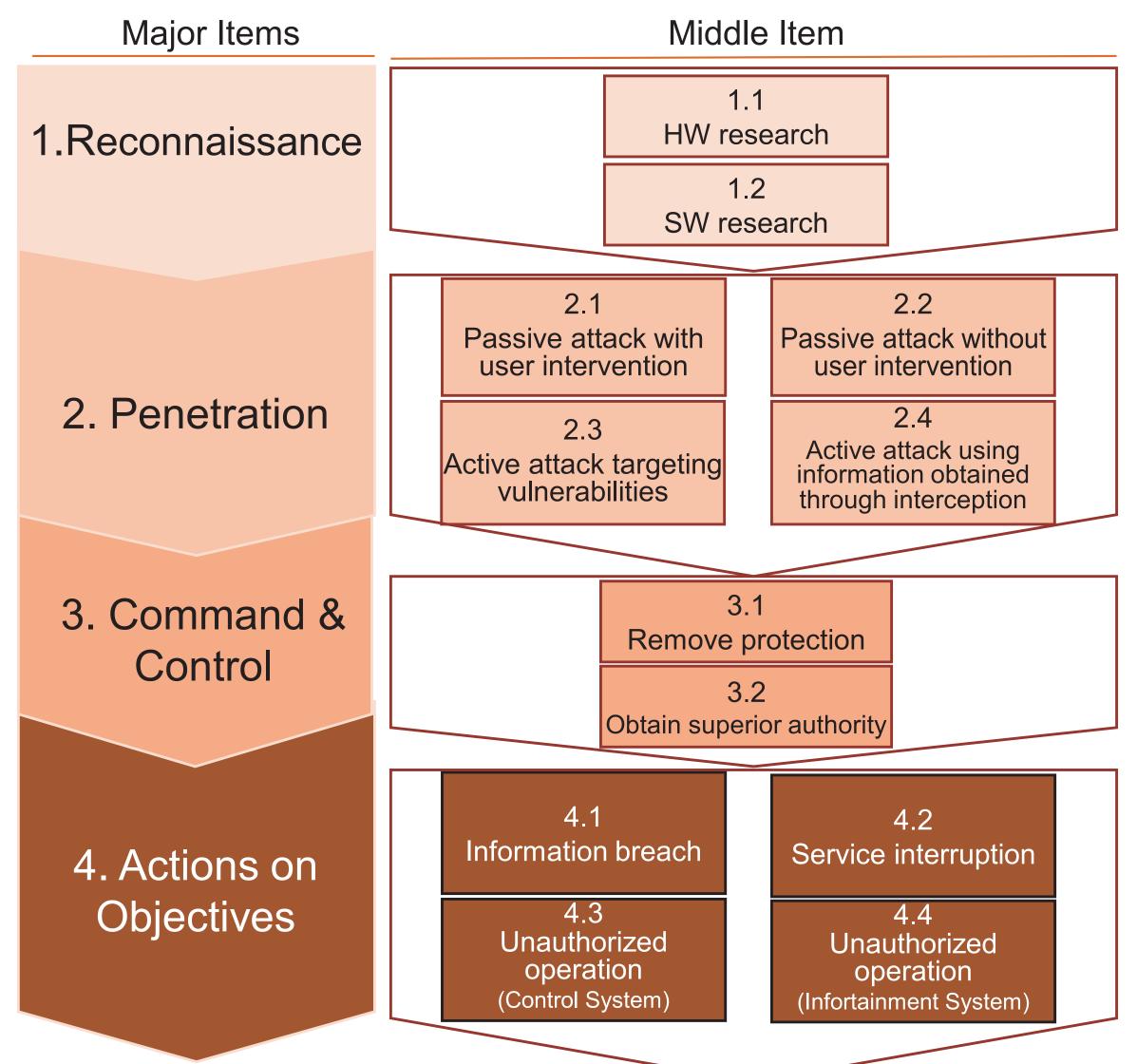
(Approach)

- Developed a list of services and features related to automated driving systems.
- Identified a common model.
- Clarified all threats against the common model.
- Developed a framework to evaluate criticality of the threats.

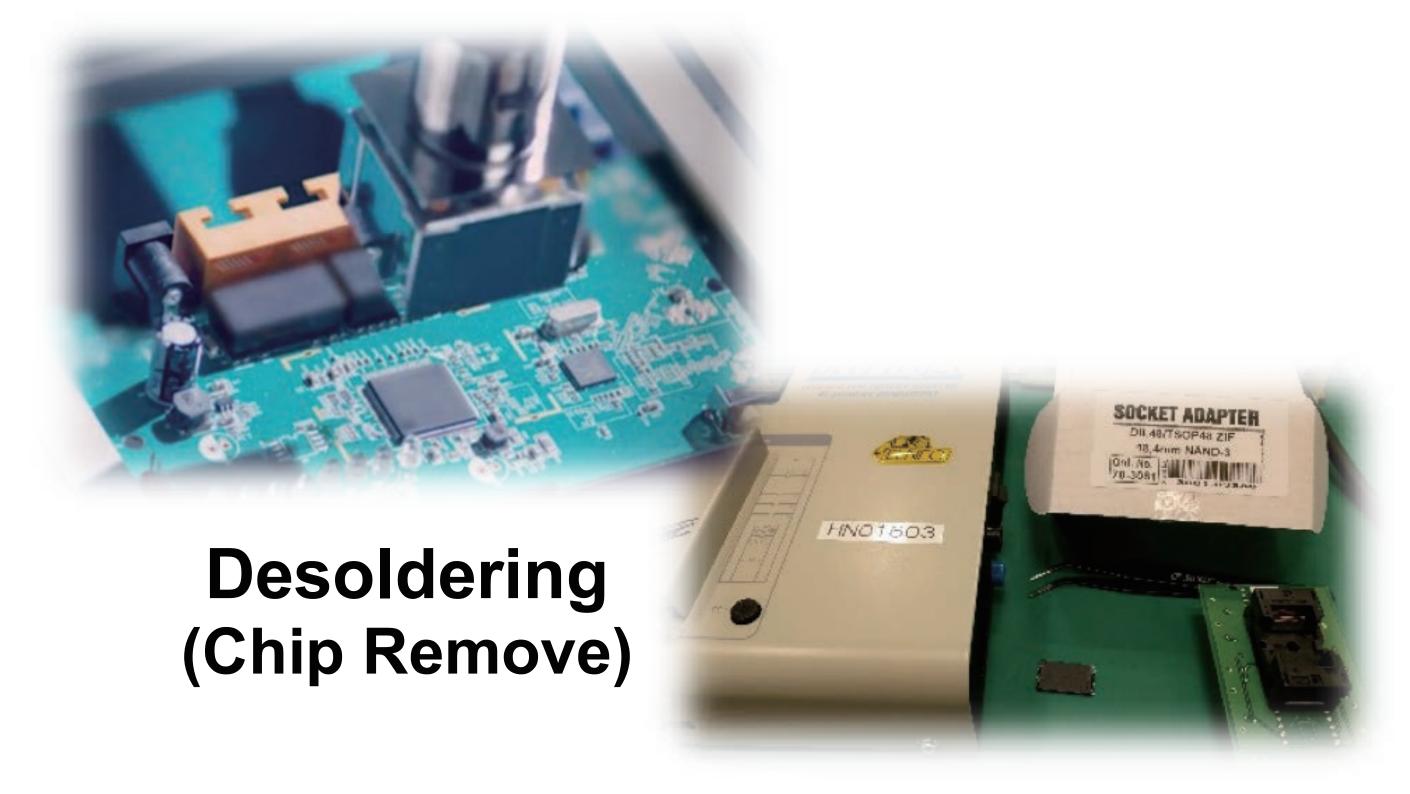
Establishment of Evaluation Method

Using the threat model, established an evaluation method based on actual attack process.

[Point1] Intrusion from external I/F from actual hacker(attacker)'s viewpoint



[Point2] Evaluate HW security functions taking into account actual attacks



Extract Firmware

