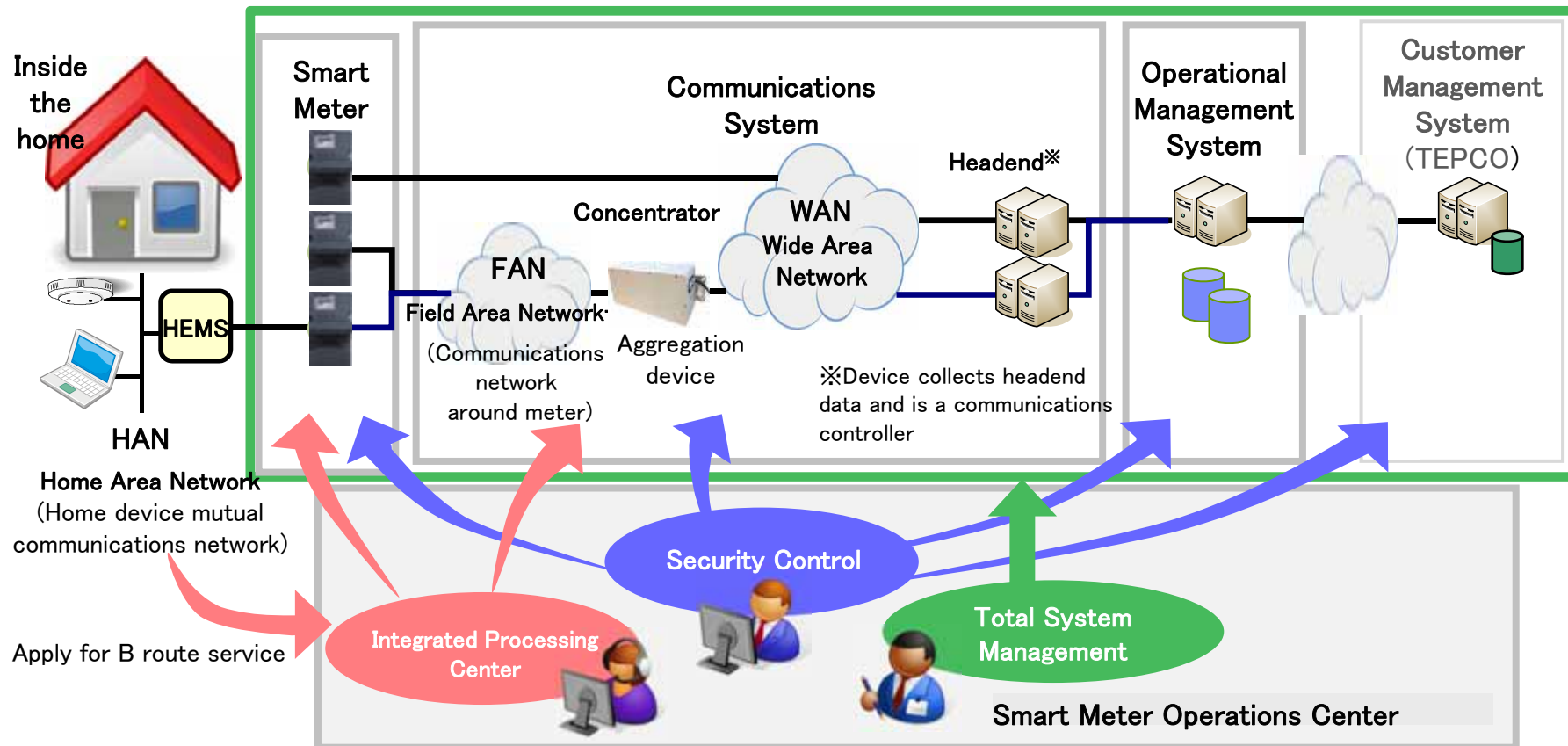


Outline of Smart Meter Operations Center ①

- Smart Meter Operations Center for security, operations, and maintenance was established in July 2015 for effective management and centralized control.
<Major Functions>
 - Total System Management: Smart Meter development plan progress management, Network quality control (network connection rate etc.)
 - Integrated Processing Center : Opening of communications facilities, corresponding electricity meter information transmission service (B route) application etc.
 - Security Control : Single management and monitoring for the overall Smart Meter System security, initial responses to anomaly detection cases



- Particularly for the security of Smart Meter, we have deployed Security Attack Detection Center inside the operation center and built the 24-7-365 supervision system.
- Additionally, in order to enhance the expertise of network security by utilizing external human resources, we will introduce “PDCA” system which is checked by experts etc. to strengthen the function.

<Smart Meter Operations Center>



- 24-7-365 supervision system
- Vender maintenance staff assignment
- Utilization of external human resources (certified persons)

Security Attack Detection Center

- System operation/monitoring
- Incident response

Reinforcement of the security system

- Establishment of operational system
 - ⇒ Countermeasures in case of incidents, consolidating for management system and the chain of responsibility
- Strengthening of security risk management
 - ⇒ Establishment of evaluation mechanism for continuous security measures against new threats in the future.