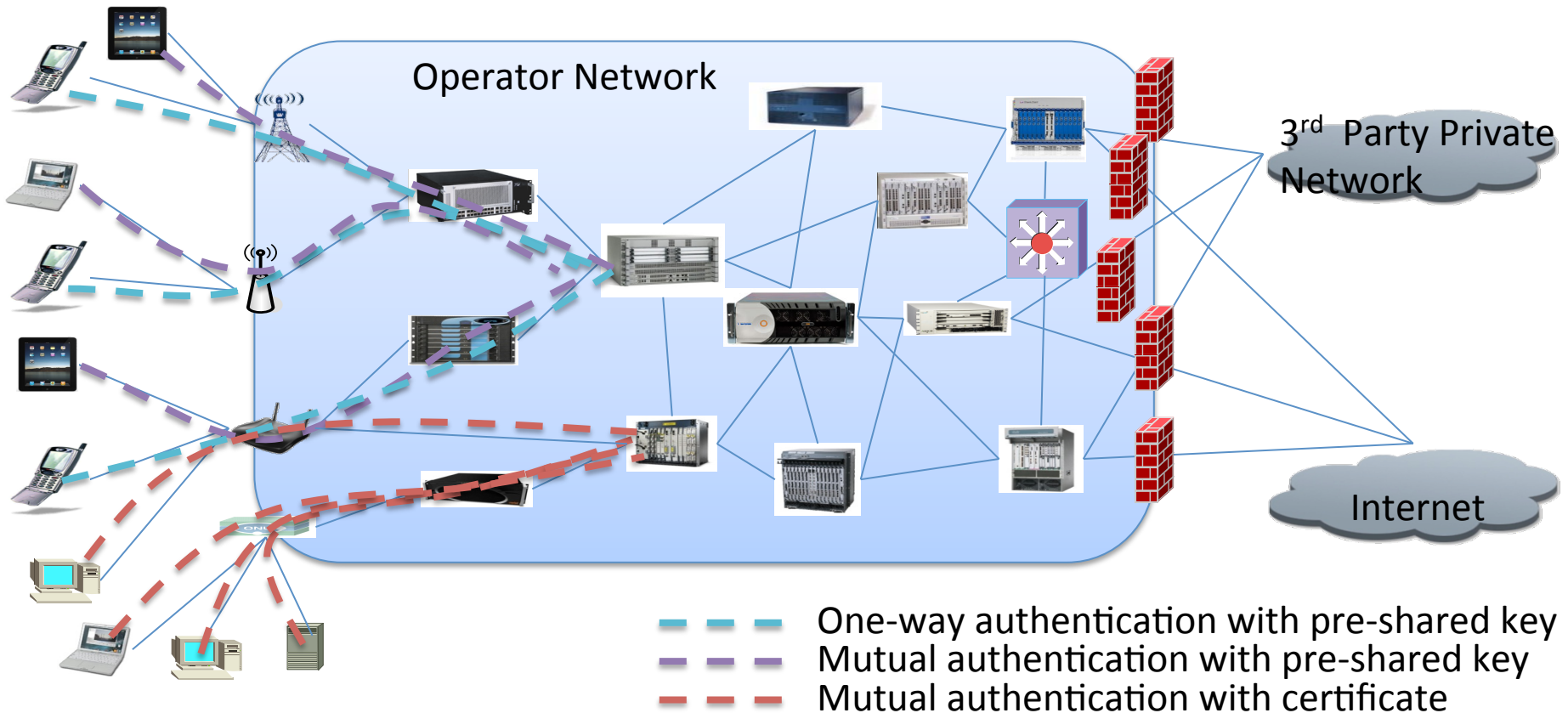


# draft-qi-i2nsf-access-network- usecase-00

Author: Minpeng Qi, Xiaojun Zhuang

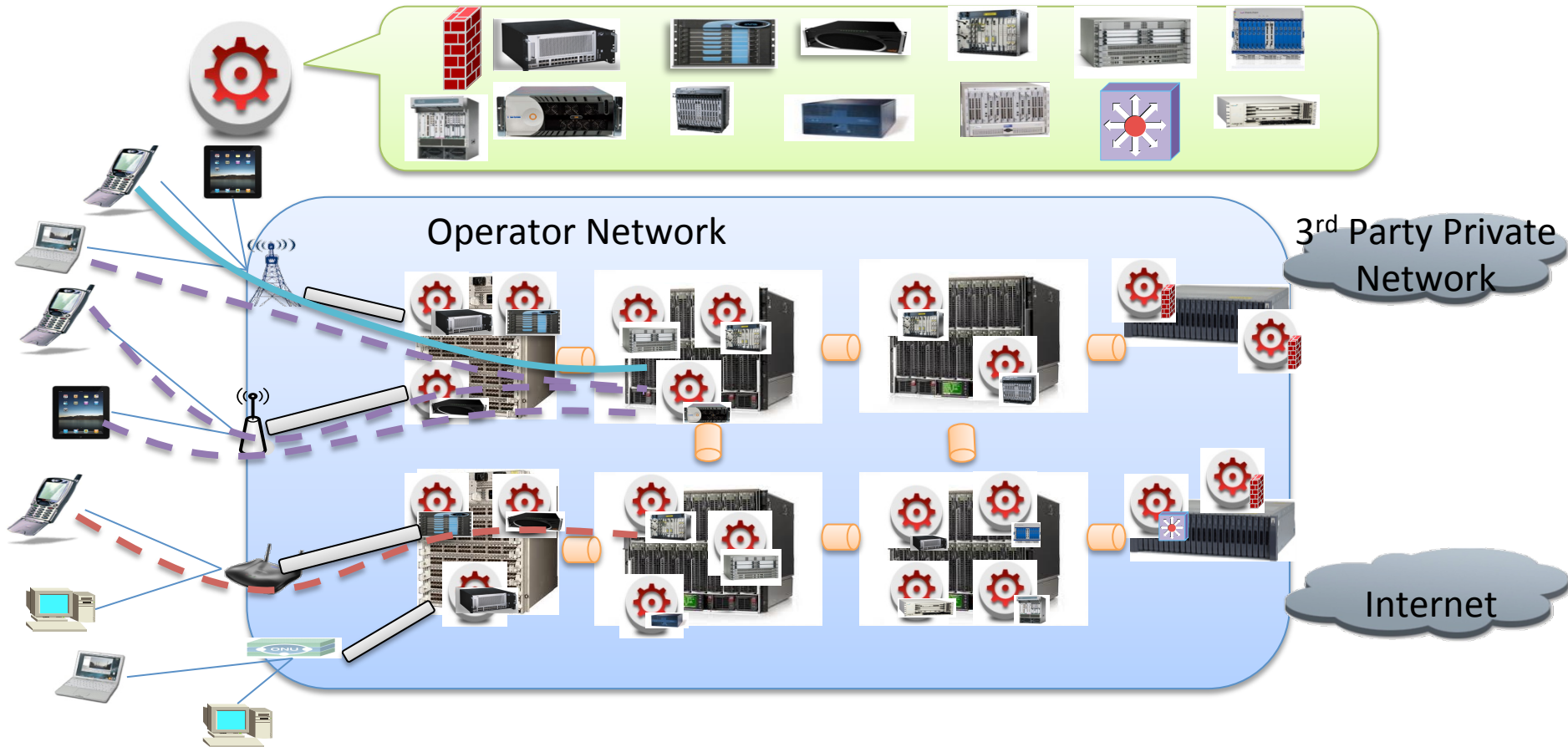
# Current Access Network Security

- Devices for security function is fixed and limited.
- Security function is general and fixed in access procedure



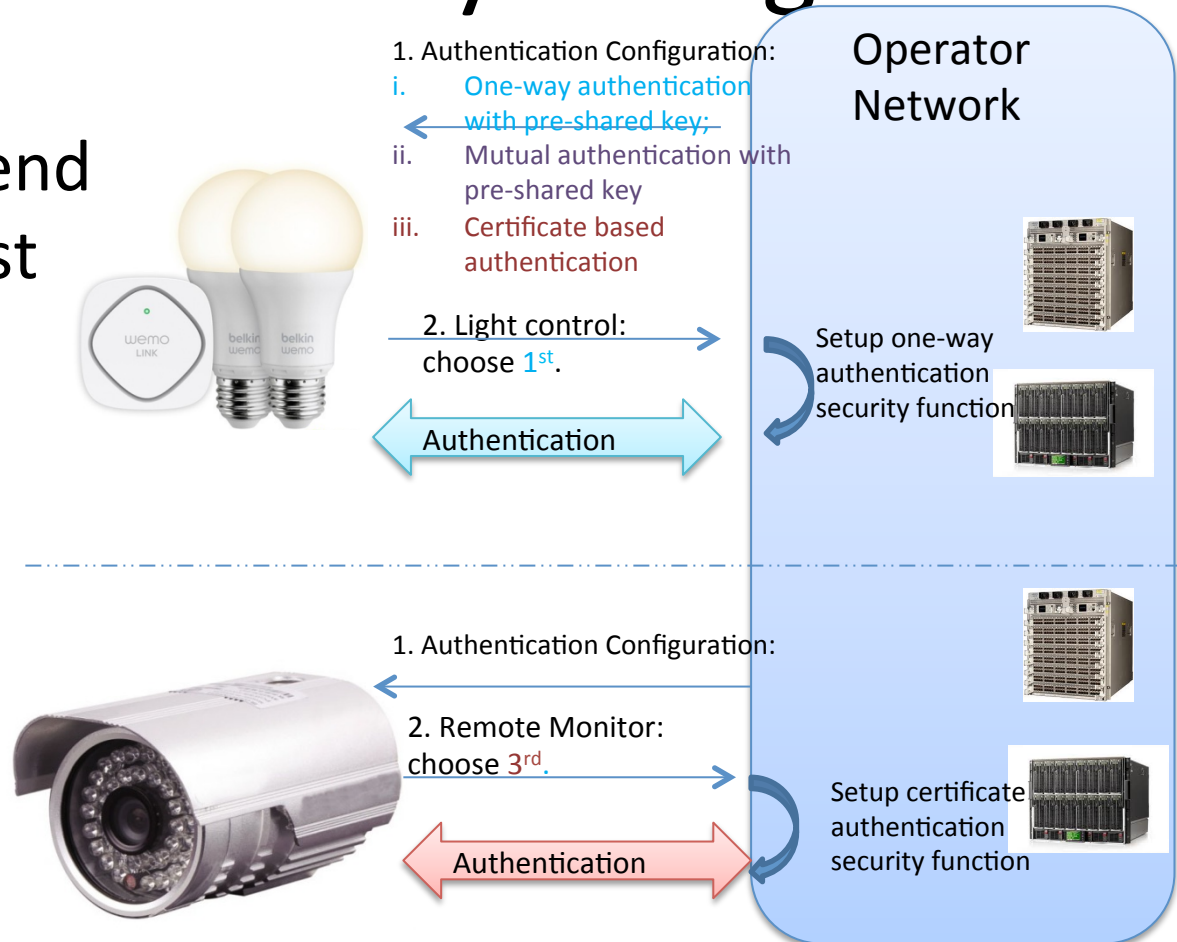
# Virtualized Security Function

- Virtualized Security Function can provide more flexible and reliable protection



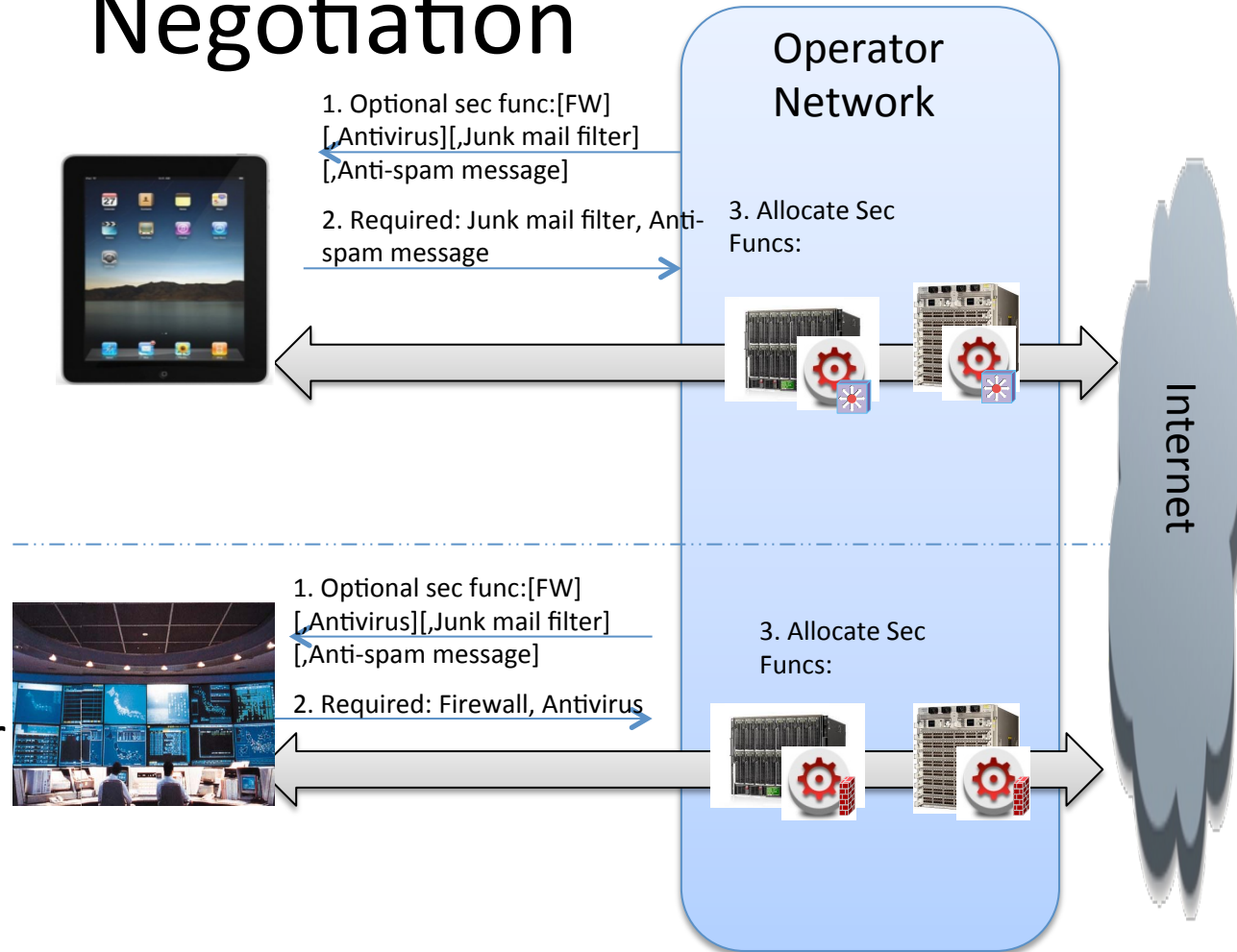
# Use Case 1: security configuration

- Network can send configuration list to user side
  - Authentication
  - Encryption
  - etc.



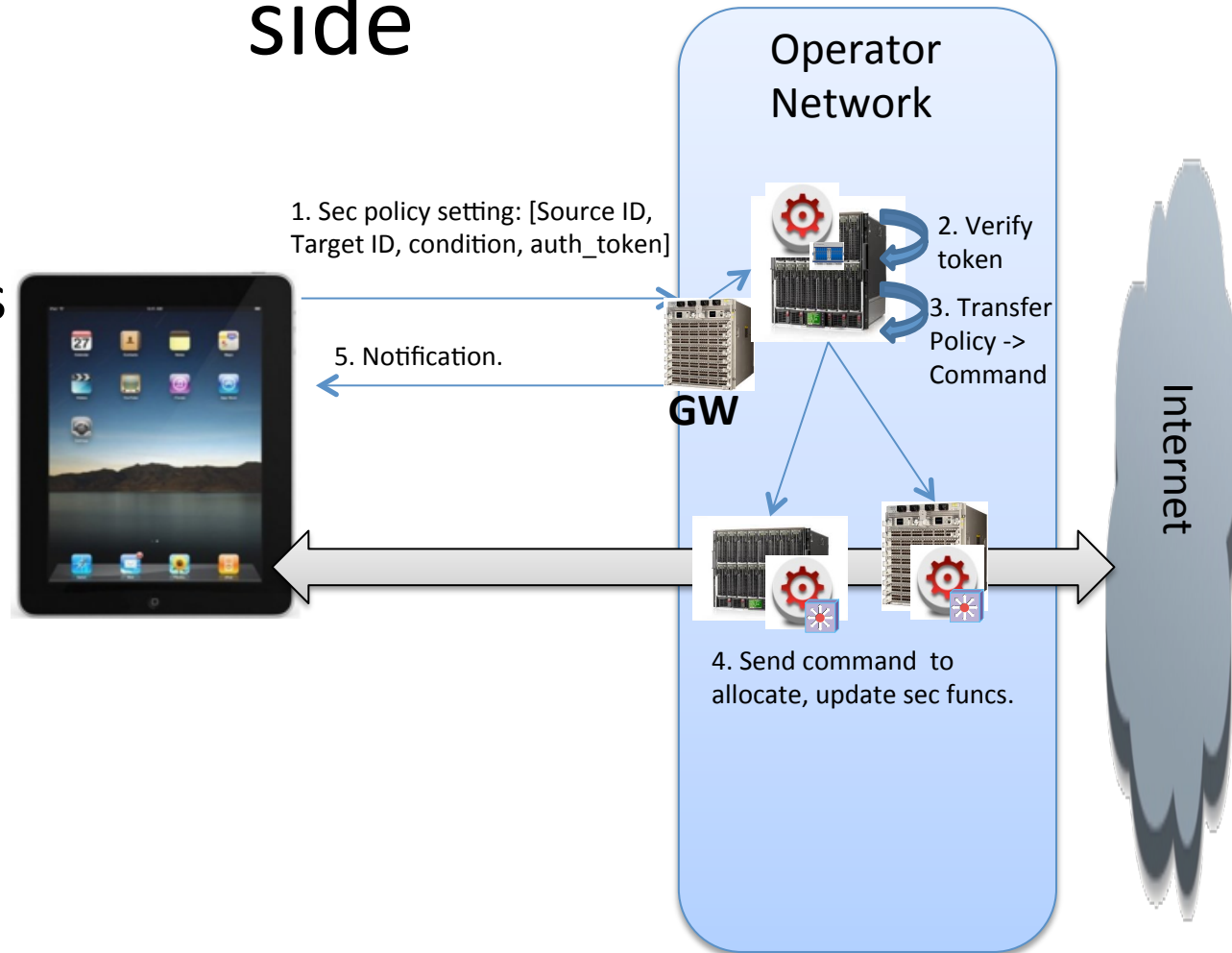
# Use Case2: Optional security function negotiation

- Network can send optional security function list to user side
  - Firewall
  - Antivirus software
  - Junk mail filter
  - Anti-spam message
  - etc.



# Use Case 3: Security Request from user side

- User device sends specific security services request to operators.
- Operator Network increases, and/or updates security functions.



Thank you!