

## Measures for Security

**Non-Repudiation**

may support

**Cryptographic Signatures**

asymmetric  
shared key (symmetric)

support

supports

**Encryption**

symmetric  
public/private

**Confidentiality**

supports

**Secure Boot**

**Authenticity**

supports

**Over-the-Air Updates**

Security Updates in Time

**Integrity**

supports

**Partitioning**

**Certificates**

chain of certificates

use

supports

**Least Privilege**

<<principle>>

**Accountability**

support

<<concept>>

**Groups**

divide and manage

implements

implements

**:Network Partitioning**

Network Zones (VLANs)  
Gateways/Firewalls/Proxies

**:Inner-Node Partitions**

Hypervisor Partitions  
OS-Process Boundaries  
Microkernel OS for Driver Partitioning  
Containers (Linux, QNX-Partitions, Address-space)