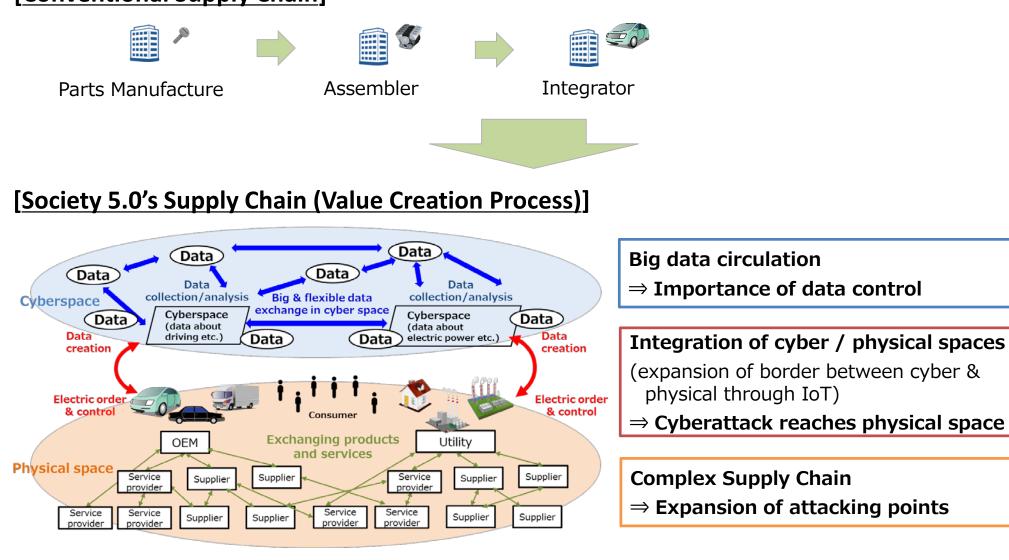


# The Cyber/Physical Security Framework (CPSF)

Version 1.0

Cybersecurity Division Commerce and Information Policy Bureau Ministry of Economy, Trade and Industry Apr. 18 2019

### Risks in Cyber/Physical Integrated Society (Society 5.0) [Conventional Supply Chain]



Cyber threats which give serious damages are expanding in whole supply chain

### "The Cyber/Physical Security Framework" (CPSF)

- METI has published CPSF (Ver. 1.0) on Apr. 18, 2019
- Proposing "Three-Layer Approach" to articulate risks and appropriate measures in whole supply chain
- With correspondence tables to ISO/IEC 27001, NIST CSF and SP800-171

#### **The Third Layer** (Connections in Cyberspace)

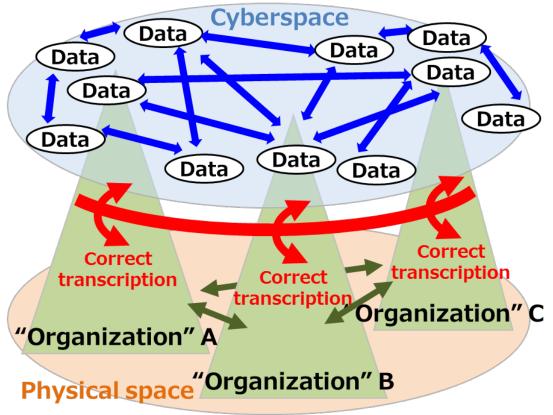
•Trustworthiness of data is a key for secured products and services

#### The Second Layer (Connections between Cyber & Physical space)

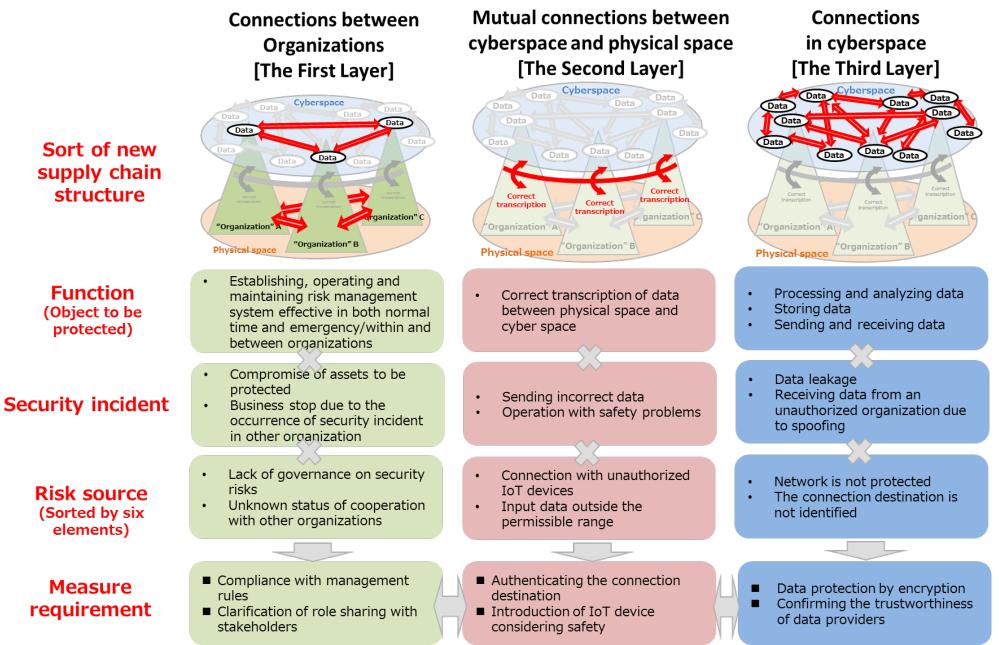
•Trustworthiness of "transcription function" between cyber & physical space, which is IoT system's essential function

#### **The First Layer** (Connection between Organizations)

•Trustworthiness of organization's management is a key for secured products and services



## **Brief image of CPSF**



### Further discussions based on CPSF

