Cyber Security of Medical Devices in Japan

Mar 19 2018

DITTA workshop

Who's responsibility?

User

Manufacturer
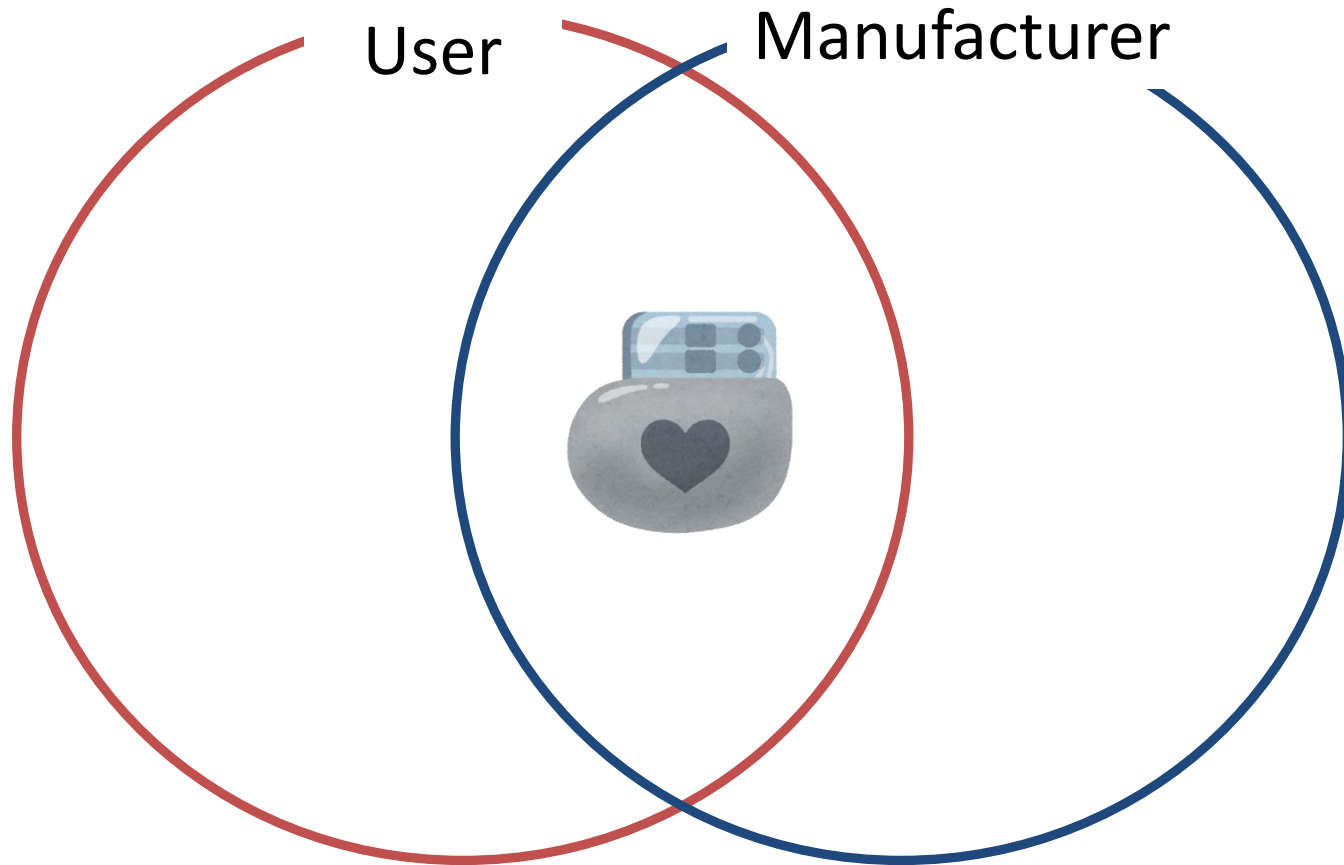
Securing Cyber Security
- Healthcare provider -

- Security Guidelines for Health Information Systems
  - Started as protection of personal information
  - Now including measures for cyber attack

- It recommends dual (complementary) protection; **technical** and **procedural** protection
- It requires cooperation between healthcare providers and venders

  Clarify proper use and requirements for proper use
  Secure requirements and proper use

Securing Cyber Security
- Manufacturer -

Notification regarding securing cyber security

- It requires cyber security measures within **RISK MANAGEMENT**
  (Cyber risk is considered as known or foreseeable hazard)
- Guideline will be issued
  - Identify environment in use >>> measures according to it
  - Identify mode of connection to outer network >>> measures according to it

Securing Cyber Security

Isolated network

Healthcare provicer

Manufacturer
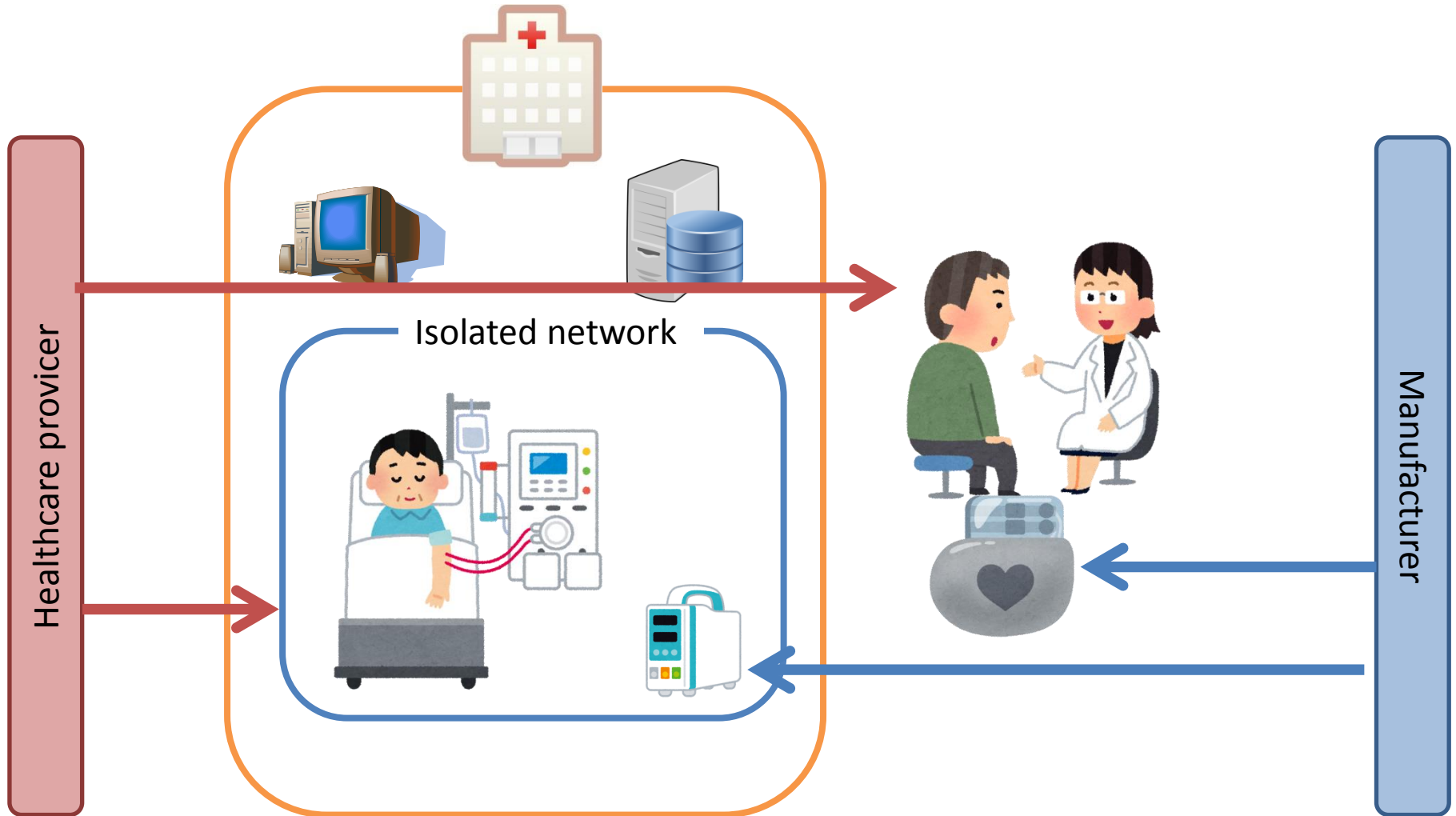
Future…

● Need for Center for counter intelligence
　　　(collect and share cyber hazard information,
　　　providing measure information etc.)

Now constructing CEPTOARs(Capability for Engineering of Protection, Technical Operation, Analysis and Response) for major infrastructure groups (including Medical group)

Thank you!
谢谢！