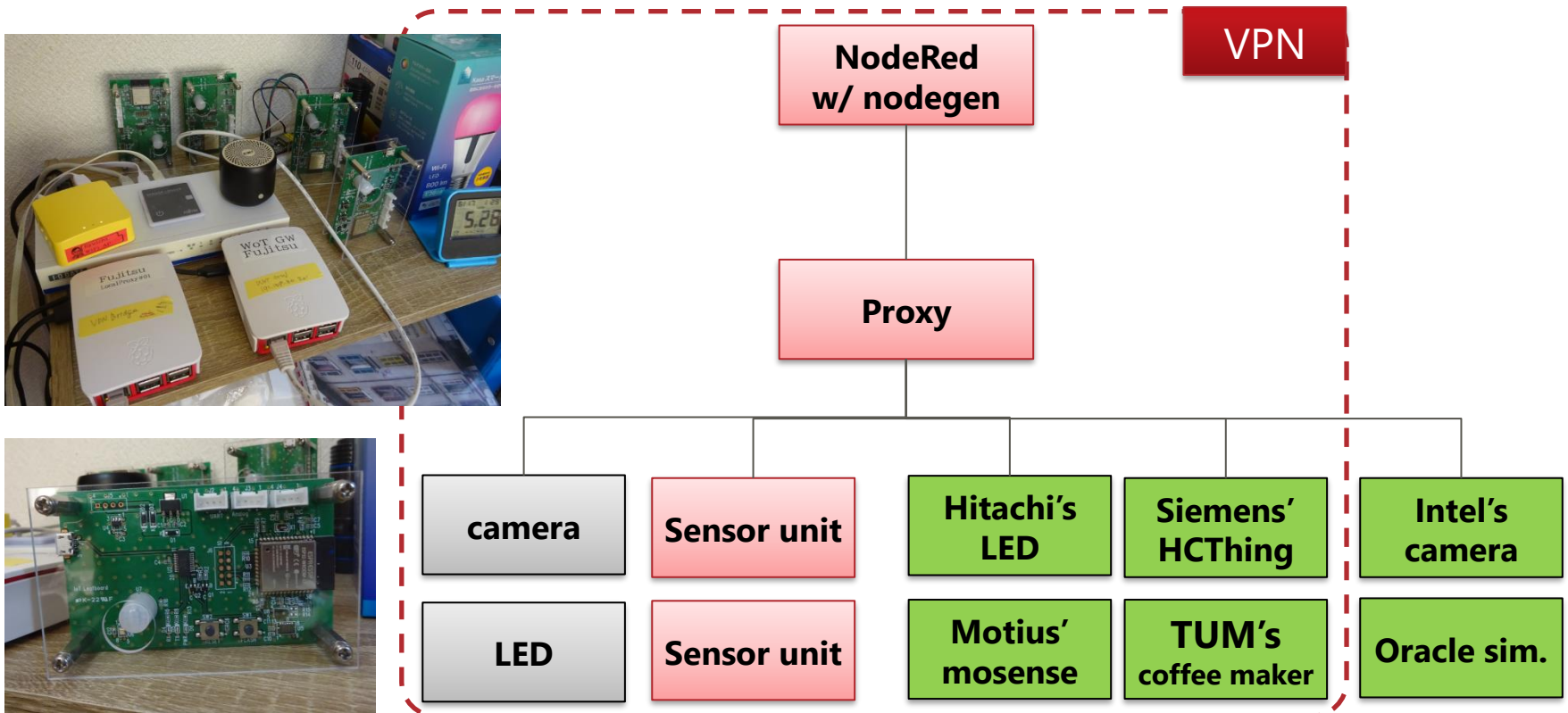


Plugfest system diagram

- Fujitsu set up a Proxy, some Things and a Consumer
 - Proxy aggregates multiple Things and provides a single interface to Consumers. Shadow things is generated on the proxy.
 - Sensor unit has several sensors with a wireless module (ESP32) and can issue own TD to others.

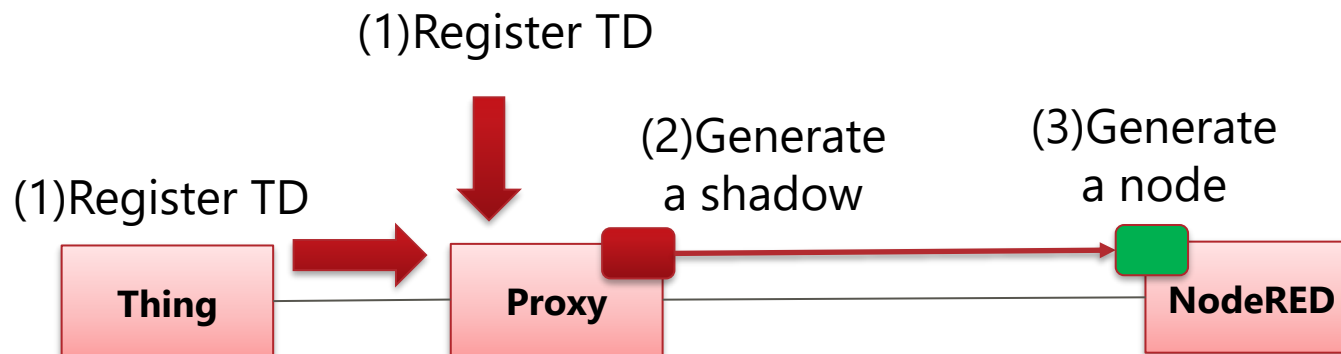


■ Proxy

- Registered all TDs to be opened in Github.
- Got properties of a part of things accessible with http.
- Provided TDs registered to Hitachi's nodegen.

■ Sensor unit

- Supported mDNS
- Registered own TD to the proxy



Fujitsu's proxy support a directory service to search and get shadow TDs. In combination with Hitachi's Nodegen, you can easily set up from device connections to application developments.

- Needs to specify some sequences and message formats.
 - Discovery procedure: Thing-consumer, thing-proxy, thing-directory, directory-directory(proxy)...
 - Offering TD procedure: