## Thing Description Browser / Enhancer for rapid application development



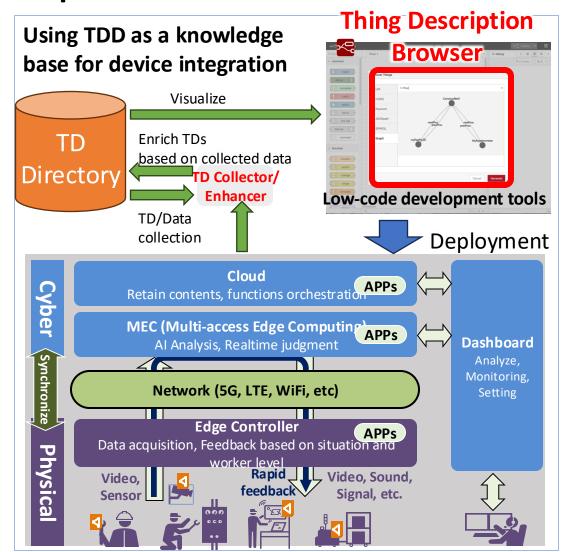


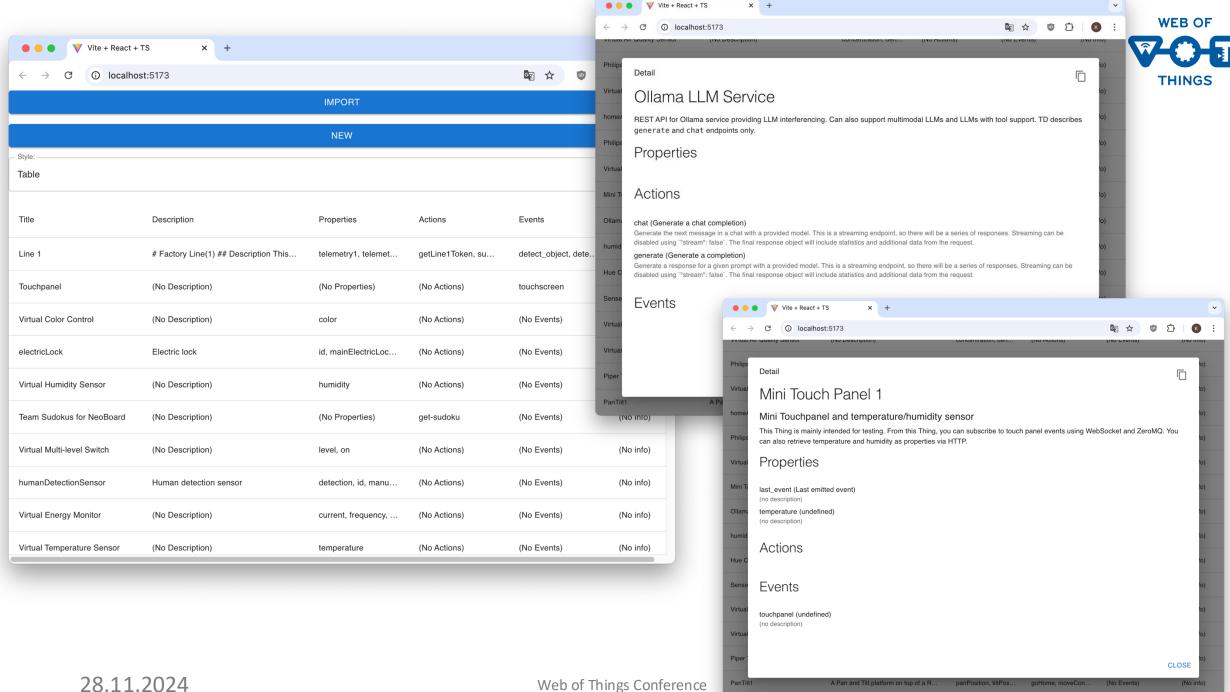
## **Background/Motivation:**

- We are researching to improve productivity in the factory by attaching various sensors and display devices to provide rapid feedback to frontline workers.
- For rapid system development, we collect necessary information in the form of Thing description, and use with low-code programming tools.

## What can be seen:

- Thing Description Browser / Enhancer:
  Collects and displays information on Things at the site using the WoT Discovery mechanism.
- Node Generator: Integrating WoT with Node-RED, low-code programming environment.





## Lessons Learned



- Thing Description (and Directory) are good for consolidate onboarding knowledge in human/machine readable format.
  - If the title/description of the Thing Description have a description for humans, it will be easier to do Plugfest itself.
- Using Web browser as a Consumer, we need some working arounds to access properties on Things (CORS setting, server certificate, etc...).
- There are various difficulties in connecting the Remote Softether VPN (at AWS cloud) and the local plugfest network...