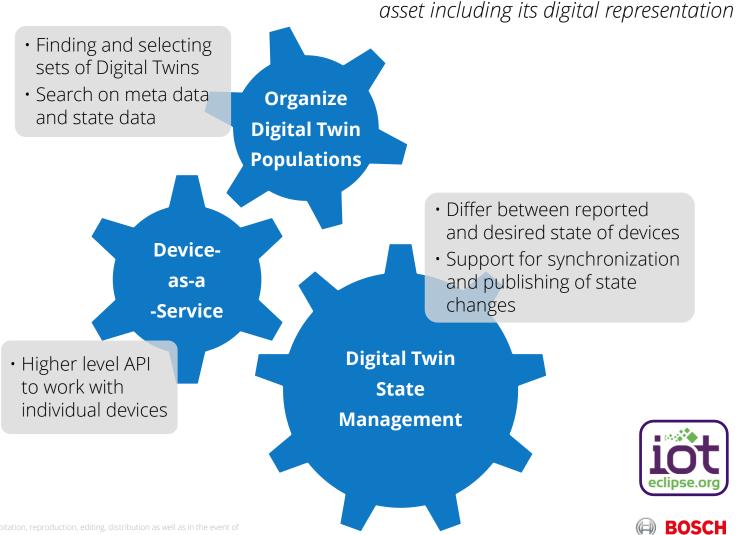# Eclipse Ditto

Mediator between IoT Devices and the state of their Digital Twins

Addresses core aspects of the "Digital Twin" metaphor to understand and manage industrial and consumer IoT scenarios by bringing back simplicity to IoT developers.

Digital Twin ... is a holistic view of all capabilities and aspects of a device/product asset including its digital representation

- Finding and selecting sets of Digital Twins
- Search on meta data and state data

Organize Digital Twin Populations

Device-as-a-Service

- Differ between reported and desired state of devices
- Support for synchronization and publishing of state changes

- Higher level API to work with individual devices

Digital Twin State Management

iot eclipse.org

BOSCH