All kind of devices can be easily connected to Cumulocity IoT through the industrial-proven MQTT protocol.

This learning covers how to use MQTT to connect all kind of devices to Cumolocity and shows in a concrete example how to connect a microcontroller board with a temperature/humidity sensor to Cumulocity IoT for real-time physical measurements. It also introduces a freight vehicle tracking scenario with a GPS tracking and temperature/humidity sensor simulator programmed in Python with the Eclipse Paho MQTT library.

Duration: 77 min   **Achievements:** Attendance Badge

Learning Objectives

- MQTT in Cumulocity IoT
- Microcontroller-based Sensor Implementation
- Tracking Simulator

Activities

- Learning Videos & Demos

Learner Profile

- Developer
- Integration Specialist

Required Knowledge

Cumulocity IoT Device Management & Connectivity

Next Steps

Expert modules in the categories:

- Device Integration