

OPC Unified Architecture (OPC UA) is one of the most prominent emerging standards for interconnecting devices in the Industrial Internet of Things (IIOT). Cumulocity IoT provides a flexible, powerful and yet easy solution to integrate such OPC UA devices with the platform.

Before providing a comprehensive overview over the capabilities of Cumulocity IoT OPC UA, this eLearning provides a brief introduction to OPC UA standard itself. In a second step we cover fundamental basics like the set-up of an OPC UA gateway and its configuration. One of the core strengths of the feature is the ability of easily configuring transformation of OPC UA data into Cumulocity, which we cover in the third part of the training. We conclude the training with a look behind the scenes and illustrate the software architecture behind our OPC UA solution.

**Duration:** 85 min

**Achievements:** Attendance Badge



### Learner Profile

- Developer
- Integration Specialist



### Required Knowledge

Cumulocity IoT Device  
Management & Connectivity



### Next Steps

Expert modules in the  
categories:

- Device Integration

### Learning Objectives

- Introduction to OPC UA
- Basic OPC UA Integration Setup
- Mapping OPC UA Data into Cumulocity IoT
- Cumulocity IoT OPC UA Solution

### Activities

- Learning Videos & Demos