

Training OPC Unified Architecture

Unlock your production data!

Introduction

More and more machines, control systems and smart devices have OPC Unified Architecture connectivity with the potential of unlocking your valuable production data. However setting up OPC UA connected systems can be challenging.

Reniver offers a 1 day technical training that teaches the **basics of OPC UA**, practical **use-cases** and **troubleshooting** techniques. Some advanced topics are introduced like standardization of data using **information modelling**.

Target audience

The training is targeted toward technical staff and managers that want to unlock production data in their company using OPC UA. This course is also a starting point for machines builders and software developers.

There is no prior knowledge required to follow the course, but having a basic understanding of computer networks and ICT systems is recommended.

Training modules

- **Module 1 OPC UA core specifications:** The first module of the training teaches the core specifications of the OPC UA standard. This theoretical part explains how OPC UA works using practical examples.
- **Module 2 Hands-on exercises and demos:** The second module teaches OPC UA in practice by using software tools to connect to an industrial controller with OPC UA and monitor real sensor data. Finally the trainees create a dashboard with live sensor data using a free visualisation application.
- **Module 3 Information modelling and companion specifications:** this module teaches the key concepts of standardization of production data using information modelling.
- **Module 4 Customer specific OPC UA applications:** we conclude the training with a session about how to apply OPC UA to the use-cases of the trainees themselves.

Practical information

Feel free to contact us to learn about pricing and training options:

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More information about Reniver: www.reniver.eu

