

## Connecting Automation Systems to the Cloud (IK-CLOUD)

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### Short Description

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Cloud and IoT are on everyone's lips. But what is the trend all about, why should my company transfer production data to a cloud and how do I connect my automation systems efficiently and securely to a cloud? Exactly these questions we answer in this course.

### Objectives

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After this course you can efficiently and securely connect automation systems via various gateway solutions from Siemens as well as SIMATIC Controllers via integrated options to clouds. You will learn this using the example of MindSphere.

### Target Group

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- Automation engineers
- Programmers

### Content

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- Overview of cloud technology and providers
- Possibilities to transfer production data to a cloud
- Transfer production data to MindSphere via gateways
- Transfer production data directly from the PLC program to MindSphere
- Products used: SIMATIC S7-1500, SIMATIC MindConnect Software Agent, SIMATIC CC7

### Prerequisites

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- Basic knowledge of network technology
- Good knowledge of SIMATIC controllers
- Good knowledge of TIA Portal

### Note

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This course covers the connection of automation systems to a cloud. Processing and analyzing data in the cloud or developing cloud apps are not covered in this course.

### Type

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Face-to-face training

### Duration

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2 days

### Language

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