

## Use of Sonic- and Process Intelligence in Practice (SC-PI2-SPI)

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### Objectives

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Teaching of knowledge for signal evaluation with ultrasonic, radar and GWR level measuring devices.

### Target Group

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Service personnel, technicians and engineers responsible for commissioning and troubleshooting of ultrasonic, radar and GWR level transmitters.

### Content

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What means „Sonic Intelligence“/ „Process Intelligence“?

This training conveys the principles of signal evaluation for ultrasonic, radar and GWR level transmitters.

The possibilities of Siemens signal evaluation („Sonic/ Process Intelligence“) are explained and solutions for troubleshooting on site are shown on the basis of practical examples and exercises on devices.

- Basics Echo Processing
- Ultrasonic, radar and guided wave radar technologies
- Signal evaluation
- Interpretation of the echo profile of ultrasonic and radar measurement devices
- Interpretation of the echo profile of guided wave radar (GWR) measurement devices
- Troubleshooting solutions
- Special parameters
- Practically oriented exercises and exercises on devices

### Prerequisites

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- Experience with commissioning and troubleshooting of level measurement devices.
- Knowledge of programming and parametrization of ultrasonic, radar and GWR level transmitters.

### Type

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Face-to-face training

### Duration

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2 days

### Language

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