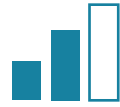


TRAINING SEMINARS

INTRON-X



Basic

- Introduction of modular system design
- Overview of different application possibilities
- Digital or IP-based intercom or PA equipment
- Power supply & accessories
- Using the integrated system web interface
- Introduction of configuration software *Config Manager X*
- Introduction of *Service Tool*
- Basic troubleshooting

2-day classroom, virtual classroom or online training via INDUSTRONIC eCampus

Incl. 1 h/day webinar support (eCampus only)

Engineer

- Brush-up *Basic* level knowledge
- Knowledge enhancement *Service Tool*
- *Config Manager X* configuration for field service engineers
- INDUSTRONIC IP / network basics
- INDUSTRONIC IP interface solutions, e.g. SIP, Modbus, CANopen, SNMP, etc.
- Configuration and commissioning of INDUSTRONIC IP terminal devices, e.g. *NCP, DUSTRON, NPA*
- Advanced troubleshooting

Basic level required

2-day classroom, virtual classroom or online training via INDUSTRONIC eCampus

Incl. 1-1.5 h/day webinar support (eCampus only)

Expert

- Brush-up *Engineer* level knowledge
 - System commissioning and start-up
 - INTRON-X redundancy concepts
 - System expansion and design
 - Sound design
 - Alarm & warning scenarios and configuration
 - Advanced *Config Manager X* configuration
- Further details on request.

Engineer level required

2-day classroom, virtual classroom or online training via INDUSTRONIC eCampus

Incl. 2 h/day webinar support (eCampus only)

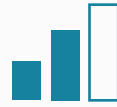
Specific

- Basic training with project- or plant-specific topics
- Further details on request.

4-day classroom, virtual classroom or online training via INDUSTRONIC eCampus

Incl. 2 h/day webinar support (eCampus only)

INTRON-D *plus*



Basic

- Introduction of modular system design
- Overview of different application possibilities
- Digital or IP-based intercom or PA equipment
- Power supply & battery management
- Using the integrated system web interface
- Introduction of configuration software *Config Manager*
- Introduction of *Service Tool*
- Basic troubleshooting

Advanced

- Brush-up *Basic* level knowledge
- Knowledge enhancement *Service Tool*
- *Config Manager* configuration for field service engineers
- INDUSTRONIC IP / network basics
- INDUSTRONIC IP interface solutions, e.g. SIP, Modbus, CANopen, SNMP, etc.
- Configuration and commissioning of INDUSTRONIC IP terminal devices, e.g. *NCP, DUSTRON, NPA*
- Advanced troubleshooting

Basic level required

EN 54-16

- Training for voice alarm systems (INTRON-D *plus* /FA) acc. to the EN 54-16 standard
 - For project engineers, installers and operators
- Further details on request

3-day classroom, virtual classroom or online training via INDUSTRONIC eCampus

Incl. 1 h/day webinar support (eCampus only)

3-day classroom, virtual classroom or online training via INDUSTRONIC eCampus

Incl. 1-1.5 h/day webinar support (eCampus only)

2-day classroom, virtual classroom or online training via INDUSTRONIC eCampus

Incl. 1 h/day webinar support (eCampus only)

IN A NUTSHELL

Our excellent training solutions consist of

- Classroom training - at your site or at one of our training centers worldwide
- Online eLearning self-study seminars or combined learning seminar
- Hands-on with cookbook / best practice and webinar support

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