



## Telepath 2900 M3UA configuration Advanced Operator Course (AOC)

Telepath M3UA is practical training course, which is bringing all necessary information needed to configure Acision xUA stack using M3UA protocol. Also it's bring practical training configuration, including SCTP, ASP, AS configuration, interconnection between xUA stack and Telepath MN-IF and also basic diagnostic and troubleshooting.

### Duration

3 days (9am–5pm, change on request)

### Objectives

On completion of the course participants will have gained an understanding of the:

- SIGTRAN M3UA theory
- Acision SS7 stack features
- Configuration of MN-IF
- Diagnostic of possible problems

### Intended audience

The course is intended for all who wants to understand how Telepath communicate with Acision SS7 stack and diagnose of network errors.

### Prerequisites

Telepath 2900 BOC training (or 1 year of experience with TP 2900), basic linux/unix experience is required. Experience with SS7/SIGTRAN, GT routing configuration, PC routing is welcome.

### Location

The course can be given at our Acision Training Centres:

- Brno, The Czech Republic
- Kuala Lumpur, Malaysia
- Sao Paulo, Brasil
- Plano, Texas, USA

Private courses can also be given at a customer site.

### Class size

8 seats are available

### Course schedule and registration

For more information or to enrol for a course, contact your Acision Project or Account Manager.

If you have any further training queries, contact the Product Training Department at [training@acision.com](mailto:training@acision.com)

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Email: [contact@acision.com](mailto:contact@acision.com)



## Telepath 2900 M3UA configuration

### Advanced Operator Course Outline

#### Day 1

##### SCTP protocol (60 min)

- How works SCTP protocol, limitations, possible problems.

##### M3UA protocol (60 min)

- structure, usage, AS, ASP, communication

##### xUA stack structure (30 min)

- structure, usage, AS, ASP, communication

##### SGG file (30 min)

- How to configure SGG

##### Single connection configuration (90 min)

- Configure TP 2900 xUA stack to establish SCTP connection & troubleshoot

##### Enable M3UA (30 min)

- Set system to use M3UA & troubleshoot

##### Routing Key file (30 min)

- Configuration of RK

##### Finish M3UA connection (30 min)

- Finishing of M3UA connectivity & troubleshooting

#### Day 2

##### MTP3 theory (60 min)

- What is PC, how works PC routing

##### SCCP theory (60 min)

- What is GT, what is SSN, how works GT routing

##### GTT routing file (30 min)

- Structure of GTT routing file

##### Configure GTT (30 min)

- GTT routing table configuration & troubleshoot

##### PC mapping file (30 min)

- Structure of PC mapping file

##### Configure PC routing (30 min)

- PC mapping file configuration & troubleshoot

##### GT mapping file (30 min)

- Structure of GT mapping file

##### Configure GT routing (30 min)

- GT mapping file configuration & troubleshoot

##### Overload protection (30 min)

- How works overload protection

##### Configure overload protection (30 min)

- Overload protection configuration

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## Day 3

### Main configuration file (60 min)

- License, section, content

### IPM (30 min)

- What is IPM, where it's configured in TP 2900 and in xUA stack

### IPM configuration (60 min)

- Configure IPM & troubleshoot

### Hands-on (210 min)

- Multiple SGG configuration
- Multiple SG configuration
- Multiple PC configuration
- Multiple RK configuration
- Multiple MN-IF configuration

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