

# Primus HSM Operator Training

## Configuration & Operation of Primus HSM

### Description

The course is designed as a "Hand-On Workshop" and is primarily aimed at those responsible for the installation, configuration, operation and maintenance of Primus HSMs. The training provides an overview of the HSM features and security policy configurations. In various exercises the participants practice the relevant setup and maintenance task, working directly on the HSM or using the Decanus terminal. The course also gives space for your questions.

### Contents

- Introduction / Product Overview & Features
- Initial Setup and Remote Administration Access (Decanus Terminal)
- Redundancy (Device Clone, High Availability Clustering (HA))
- Role management (Security Officer (SO), User (Partition), Genesis (Owner))
- Primus HSM Configuration (Configuration and Policy Concept)
- Backup & Restore
- Firmware Update / Rollback
- Transport protection / Digital Seal
- Erase / Factory Reset
- Troubleshooting and Error Handling (LEDs, buzzer, diagnostics, error message, logs)
- Best practices

### Details

**Audience:** HSM operation IT-personal, HSM integrators / consultants

**Prerequisites:** Basic understanding of HSM application and basic IT know-how (network)

**Duration:** 1 day

**Language:** English, German (documents in English)

**Participants:** Up to 6 (on-site/online)

**Location:** Classroom (Securosys SA in Zürich, Switzerland) or Webinar (teacher-based, see remote training pre-requisites below)

## Remote Training Preparations

Due to the high practical focus of the training, it is necessary that the participants have access to physical infrastructure, Primus HSM and Decanus Terminal.

Please make sure that you have the following setup ready before the training start:

- Primus HSM X- or E-series (2 devices), including
  - Min. two (2) Security Officer SO-cards, per device
  - One (1) Genesis-card, Genesis-PIN or Activation Code, per device
  - One (1) USB cloning stick (empty, FAT32-formated), per device
- Decanus Terminal, incl. Power Supply
- 12-port 1GE switch
- Ethernet cables (Cat.5E), 10 pcs.
- Laptop, with Console (CLI) tool, text editor (e.g., Notepad++, to edit configuration)
  - Ethernet adapter
  - Serial adapter, serial cable (crossed / 0-modem)
  - Headset or audio input-/output-device
  - Camera (e.g., to record/share view on physical activities)
  - Zoom App for web-conference (presentations, remote control)
- Power cables and multi-socket

Additional preparations:

- Access to the Securosys Support Portal, <https://support.securosys.ch> (to download User Guide, Firmware)
- Zoom web-conference link
- Stable internet connectivity

Please verify that your infrastructure is working properly before the training.