



## Education Services

### 52-1: Prof. Product Training Crypto Desktop HC-9300



**If you know your product well, you can use your expertise effectively and autonomously to exploit the potential of your system for information security at any time. That's why Crypto AG has made Professional Product Training an integral part of its "Information Security Service Package" for the Crypto Desktop HC-9300 system. It allows you to build up your operational and security know-how right from the start of the project phase. This gives you the advantage of being able to start working autonomously straight after taking over the system, and perform all the task related to security management efficiently.**

#### Key Benefits

- Tailor-made professional training course in Crypto Desktop HC-9300 from Crypto AG
- Modern and comfortable training facilities at the award-winning Crypto Academy in Zug
- Highly motivated teaching staff and technology experts ensure a comprehensive know-how transfer
- Official Crypto Course Certificate upon successful completion of the course
- Transport, accommodation, catering and leisure activities during the entire stay organised by Crypto AG
- Professional and personal contacts which will last for a lifetime

This course will be held at our very own Crypto Academy in Zug, which has been awarded a "Premium Class" rating from the International Training Center Rating Organisation! The comfortable and pleasant atmosphere and the highly qualified instructors will ensure that you will have a successful learning experience.

The content of the Professional Product Training Course for Crypto Desktop HC-9300 is specifically and exclusively tailored to your requirements and the participants' prior knowledge.

Your own scenario will be the basis for the training – this means that the participants are learning in the most effective way exactly what they will need in practice. Thanks to the 'train the trainer' principle we employ, they can then train additional staff in-house, and thus minimise subsequent costs.

By attending the course, you will acquire the following skills and expertise: Basic knowledge of cryptography and its use in a communication network; installation and operation of the Crypto Desktop HC-9300 encryption units in a real network, security administration (e.g. loading security data,

forming exclusive crypto groups, controlling access); security management (in particular the generation and distribution of keys); how to use the integrated test units; performing simple maintenance tasks during daily operation.

The well-structured course has proven successful over many years and guarantees that you will achieve your learning objective: The autonomous operation of your Crypto Desktop HC-9300 system in your individual working environment, including security administration and security management.

At the end of the course you will receive the official Crypto Course Certificate as proof of your learning success.

## Description of service

On completion of the course, participants will be able to:

- Install the encryption unit in its application scenario
- Operate the encryption unit within this application
- Carry out security administration and key management
- Carry out elementary maintenance and testing

## Deliverables

When you participate in a Professional Product Training course at the Crypto Academy you can expect:

- Tailor-made professional training course in modern and comfortable training facilities
- Highly motivated teaching staff and technology experts to answer all your questions
- Organisation of transport, accommodation, catering and leisure activities during the entire stay
- Course review, practical assessment and final discussion at the end of the course
- Official Crypto Course Certificate upon successful completion of the course

## Details

### Introduction

- Basic equipment function
- General communication aspects of HC-9300
- The HC-9300 encryption unit
- Typical applications

### Installation

- General installation aspects
- Installation of the HC-9300 to the communication system
- Installation parameters
- Interfaces and connectors
- Installation verification
- Configuration of the HC-9300

### Security management

- Security concepts
- Security access control
- Algorithm profiling
- Operational security
- HC-9300 key system
- Key management
- Key handling

### Operation

- Operation of the HC-9300
- Operational access security
- Key selection
- Security and recovery of Messages

### Service and maintenance

- Selftest BITE
- Maintenance duties assigned to operators
- Diagnostic and function controlling

## Interaction with Crypto AG

