

SECARD SOFTWARE SOLUTION TRAINING

Course ID	STID-ACD-SEC-01
Duration	1/2 day
Format	VILT / ILT / OST
Certified Training	Yes
Languages	FR / EN / IT / PL / ES

MASTER SECARD SOFTWARE FOR SECURE ACCESS MANAGEMENT

SECard is a powerful configuration and encryption tool designed for the seamless management of STid readers and contactless access control systems. This advanced training course provides in-depth expertise on creating, configuring, and deploying secure credentials and access configurations using SECard software.

This hands-on training will equip professionals with the skills to securely configure access control infrastructures, ensuring high-security standards and full interoperability with DESFire®, MIFARE®, and STid Mobile ID® technologies.

Participants will gain hands-on experience in creating reader configurations, encrypting access credentials, managing authentication keys, and troubleshooting advanced configurations.

PREREQUISITES

- Familiarity with STid products and secure authentication technologies.
- Experience with encryption, key management, and credential programming is recommended.
- Basic knowledge of DESFire® and MIFARE® technologies.
- A SECard Kit and a computer with a stable internet connection

AUDIENCE

This training is intended for security and access control professionals, including:

- Installers & Integrators
- Security Administrators & IT Managers
- System Architects & Security Engineers
- Technical Support Teams
- Product Managers & Consultants

LEARNING OBJECTIVES



Understand the functionalities of SECard and its role in configuring STid readers.



Deploy and test secure configurations for DESFire®, MIFARE®, and STid Mobile ID®.



Create and manage access configurations for different STid reader models.



Ensure interoperability between SECard and existing access control systems.



Secure and encrypt credentials using advanced cryptographic methods.



Troubleshoot and optimize configurations for maximum security and performance.

DETAILED COURSE OUTLINE

INTRODUCTION TO SECARD SOFTWARE AND ACCESS CONTROL CONFIGURATION

- Overview of SECard software functionalities and security applications.
- Understanding STid reader configuration processes.
- Cryptographic principles in access control and secure credential encoding.

MODULE 1: CONFIGURING STID READERS WITH SECARD

- Selecting ARC reader models (e.g., ARCS-R31-X-BTI, ARCS-R31-X-PH5).
- Reader parameter configuration and key management.
- Configuring authentication modes and security options.
- Managing mobile credentials and STid Mobile ID® integration.

MODULE 2: SECURE CREDENTIAL MANAGEMENT WITH SECARD

- Creating secure configuration badges for access control readers.
- Programming private identifiers for high-security applications.
- Setting up DESFire® encryption and credential security levels.
- Encoding and securing user badges for authentication.

MODULE 3: IMPLEMENTING SECURE ENCRYPTION AND AUTHENTICATION PROTOCOLS

- Encryption keys and authentication algorithms (AES, 3-DES, HMAC SHA-1).
- Multi-layered authentication strategies for enhanced security.
- Handling advanced access credential security (Agent cards, CIMS, Stitch).

MODULE 4: SECARD ADVANCED CONFIGURATION AND CUSTOMIZATION

- Creating custom access control settings for STid readers.
- Saving, backing up, and restoring configuration files.
- Importing and exporting secure credential parameters.
- Configuring offline and online credential management options.

MODULE 5: HANDS-ON PRACTICAL EXERCISES AND Q&A WITH STID EXPERTS

- Step-by-step real-world configurations for different use cases.
- Live troubleshooting exercises and error resolution.
- Final Q&A session with STid specialists to address specific challenges.

CERTIFICATION

Certificate of Completion awarded upon successful completion.

LEARNING FORMAT



ILT (Instructor-Led Training) :

Experience hands-on training at STid's headquarters, led by experts in a fully equipped environment. Benefit from live demonstrations, interactive exercises, and direct engagement with STid specialists for an optimal learning experience.



VILT (Virtual Instructor-Led Training):

Tailored training delivered at your site, adapted to your infrastructure, security needs, and equipment for a fully personalized learning experience.



OST (On-Site Client Training):

Join a real-time, interactive training session from anywhere. Delivered via video conferencing, VILT provides expert-led instruction, practical exercises, and live Q&A, ensuring the same high-quality.

SCHEDULE AND REGISTRATION

To check the schedule, pricing, or register for the course :



customer.training@stid.com

Learn more :

www.stid.com



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