ComsignTrust
Credentials
Management
System

CCMS

Comsign Credentials Management System

In large organizations, issuing and managing all employee badges and their permissions in a simple, flexible, and modular way is crucial to prevent security breaches, identity theft, and unauthorized access to company systems and physical facilities.

Comda Group is currently the only group in Israel offering a smart system for that allows organizations to fully manage their own card system. Furthermore, the system allows for managing access permissions, down to the individual employee level, and facilitating the integration of various applications on a single smart card.

Main components

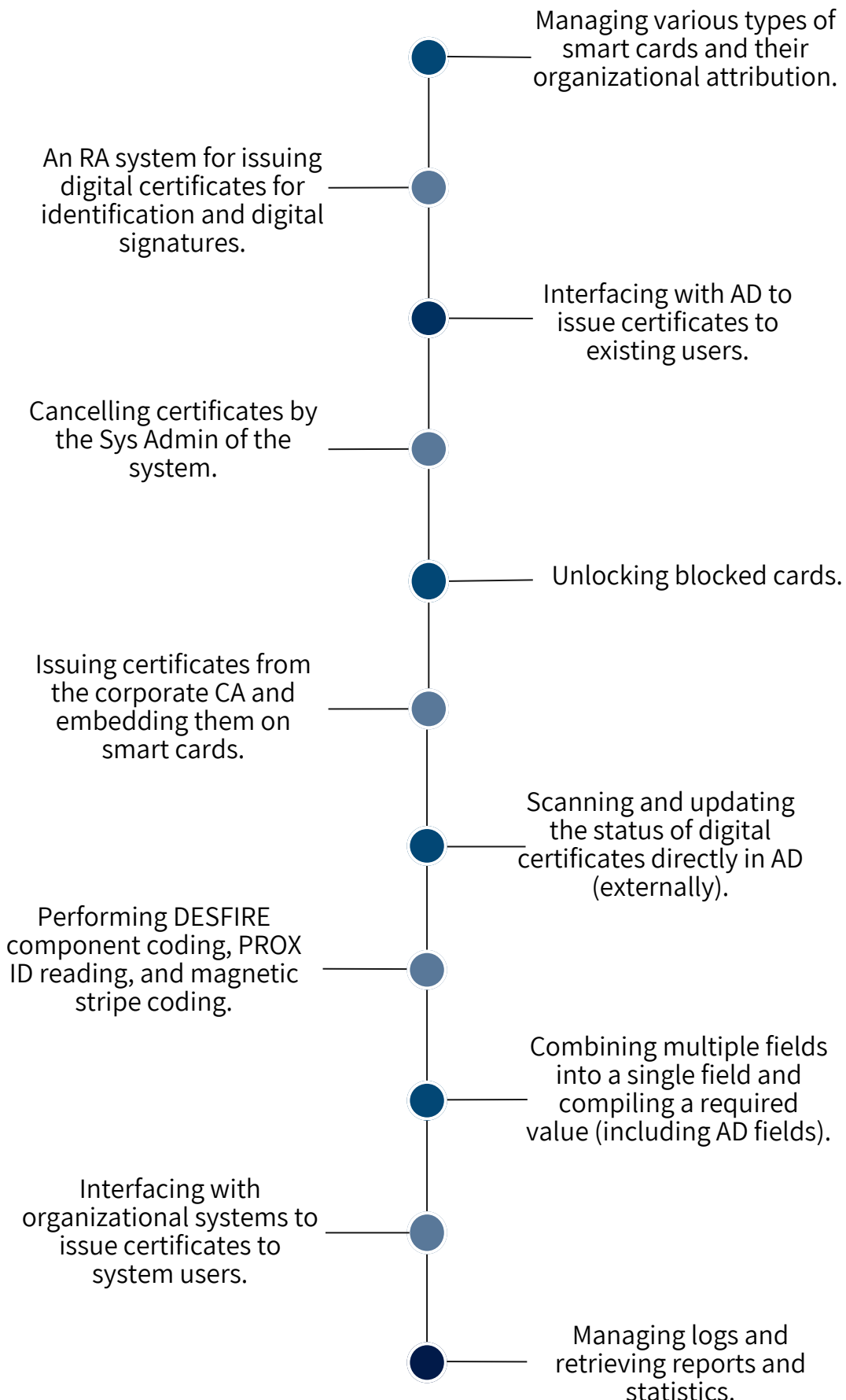| Monitoring and Alerts	Interfaces	Acquisition and Management

- Complete PKI system management and control
- Automatic certificate renewal
- Reports

- HSM components
- Access control systems
- International CA providers
- Human resources systems

- Contactless cards
- Digital certificates and smart cards
- Card printers
- Magnetic cards
- Acquisition of biometric and FIDO devices
- Digital cards on mobile

System Features

Managing various types of smart cards and their organizational attribution.

An RA system for issuing digital certificates for identification and digital signatures.

Interfacing with AD to issue certificates to existing users.

Cancelling certificates by the Sys Admin of the system.

Unlocking blocked cards.

Issuing certificates from the corporate CA and embedding them on smart cards.

Scanning and updating the status of digital certificates directly in AD (externally).

Performing DESFIRE component coding, PROX ID reading, and magnetic stripe coding.

Combining multiple fields into a single field and compiling a required value (including AD fields).

Interfacing with organizational systems to issue certificates to system users.

Managing logs and retrieving reports and statistics.

CCMS Key Advantages

INFORMATION SECURITY

- Produces **designated admin keys** by card
- Detects **initial usage** of an unlocked card
- **Initial PIN setup** on card (locked card/personal password/fixed password)
- **Unlocks card** for use

READINESS FOR THE FUTURE

- **Supporting RSA/ECC keys** in every existing key size (requires ECC key transition)
- **Support for FIDO** authentication methods

INTEGRATION

- **One system** to replace multiple systems distributed within the organization.
- **Integrating digital certificates** - The system issues logic chips and digital certificates
- **Integration** of contactless access permissions (Prox/DesFire) through various applications, files, and dedicated keys.
- **Flexibility** to implement partial /full system components and separate organizational authorities and processes.

ORGANIZATIONAL INDEPENDENCE

- **Friendly and flexible GUI** that allows fields to be defined Independently
- **Complete organizational control** over the system configuration
- **Tailored Configurations** - A Comda Group system can be customized according to customer requirements.

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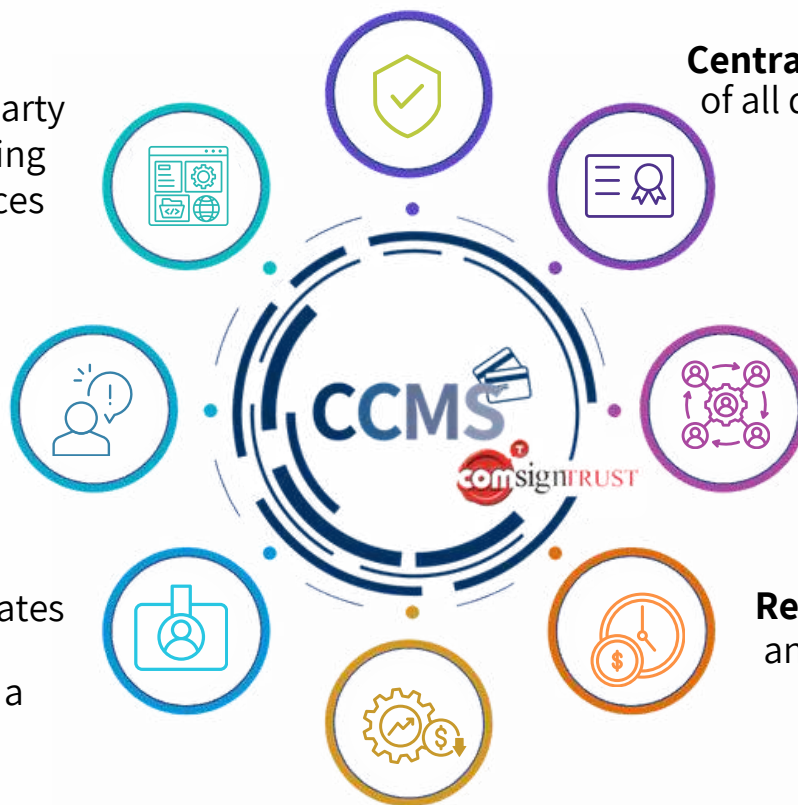
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