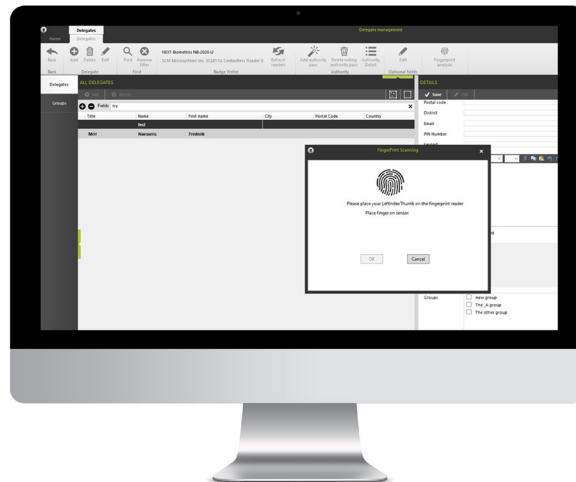


CoCon Fingerprint



Description

CoCon is a powerful, modular software suite for conference management and assistance. From microphone control to delegate authentication, CoCon provides options and configuration settings to control every aspect of the meeting experience.

Built on a client-server framework, CoCon connects to a central conference unit that manages microphones and other conference equipment. Through this integration, CoCon interacts with the central unit to enable various functionalities and views on the conference.

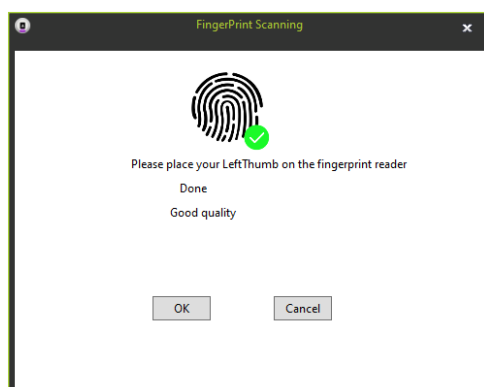
At the core of the suite lies the **CoCon Discussion** module, the essential foundation upon which additional plugin modules operate.

CoCon Fingerprint: Effortless Biometric Verification

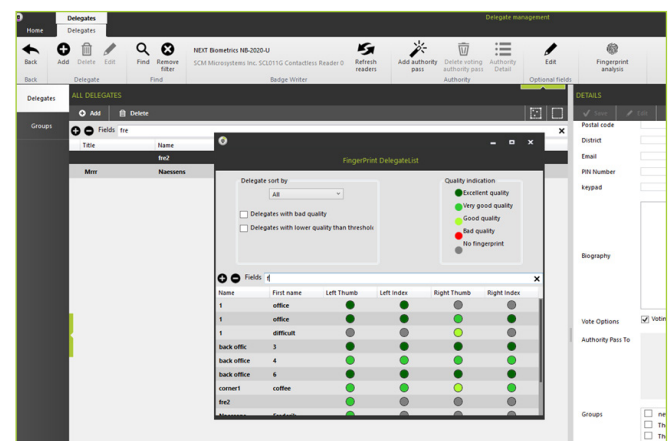
The CoCon Fingerprint plugin—designed for use with the CoCon Discussion and CoCon Authentication modules—introduces **secure, biometric verification of the delegates** to their conference units equipped with fingerprint sensors.

Easily register delegates' fingerprints in the CoCon database before the meeting using the included USB fingerprint reader. Each delegate can register **up to four different fingers**, with the system capturing multiple scans per finger to ensure accuracy. In the meantime, the **system also detects duplicates** that might already exist in the database.

Once a fingerprint is successfully recorded, a confirmation screen displays a checkmark indicating the **quality of the registration**.



A built-in **Fingerprint Analysis Support** tool offers clear insights, allowing you to review registered fingerprints, monitor scan quality, and track the number of prints associated with each delegate.



When enabled, fingerprint verification is processed directly on the delegate units (uniCOS or uniBOX), ensuring secure identity verification. Delegates can be required to authenticate with fingerprints at the start of a meeting, but also prior to a voting session, confirming their presence and participation.

Moreover, fingerprint verification can be combined with other login methods, offering added flexibility.

Features

- » Fingerprint registration performed via NEXT Biometrics NB-65200-U USB reader (included)
- » Multiple fingerprint scans performed for high accuracy/quality
- » Check for duplicates in the CoCon database during registration
- » Confirmation screen with checkmark showing the quality of the fingerprint ("excellent", "very good", "good" or "bad")
- » Fingerprint analysis support tool for filtering the number of fingerprints per delegate and the quality of the fingerprints
- » Fingerprint verification possible at the start of a meeting and/or at the start of a voting session

Important:

- » Application compatible with delegate units equipped with fingerprint sensors such as uniCOS and uniBOX
- » CoCon Discussion and CoCon Authentication Modules required
- » Fingerprint scanning can currently only be used for user verification in a fixed seating arrangement, and only for logon or voting purposes.

System Requirements

Hardware Requirements

Room Server:

- » Processor: Intel i5-10500E 3.1 GHz / i7 processor
- » RAM: minimum 8 GB is required as the PC contains many other apps and programs; If the room contains more than 200 units, 16 GB RAM is required for the Room Server PC
- » Free disk space: minimum 10 GB
- » Network connectivity: at least 100 MB/s

Client Applications:

- » Processor: Intel® i3 2 GHz or higher
- » RAM: Minimum 4 GB
- » Recommended graphical hardware supporting DirectX 9.0 or better
- » Free disk space: Minimum 10 GB
- » Network connectivity: at least 100 MB/s

Note: When running multiple client applications on the same PC, at least 2 GB per client is required.

Network Requirements for Central Units Connecting over TCP/IP

- » Available bandwidth of at least 100 Mb/s for each CoCon Room Server/Central Unit connection
- » Available bandwidth of at least 100 Mb/s for each CoCon Room Server/Client connection

Switch Requirements

- » Bandwidth (switching capacity): at least 16 Gbp
- » Packet buffer RAM: 512 KBytes per device
- » Filtering address table: 8K MAC addresses per device

Software Requirements

- » Windows 10 Pro or Windows 11 Pro (en-US) installed with English international language

Each PC installed with a CoCon component (any server or client application) requires the .Net Framework 4.6.2. This will be installed automatically when CoCon is being installed.

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