

EasyConf

This application note describes the general working and configuration of the
Suprema Fingerprint Scanner possibilities with **EasyConf**



AudioVisual
conference automation

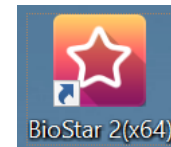
Suprema Fingerprint Scanner

With **EasyConf** you can use the **Suprema Fingerprint Scanner** solution to identify and login delegates to conference units.

This application note explains how to configure and use **Suprema Fingerprint Scanners** with **EasyConf**.

Install BioStar 2 software

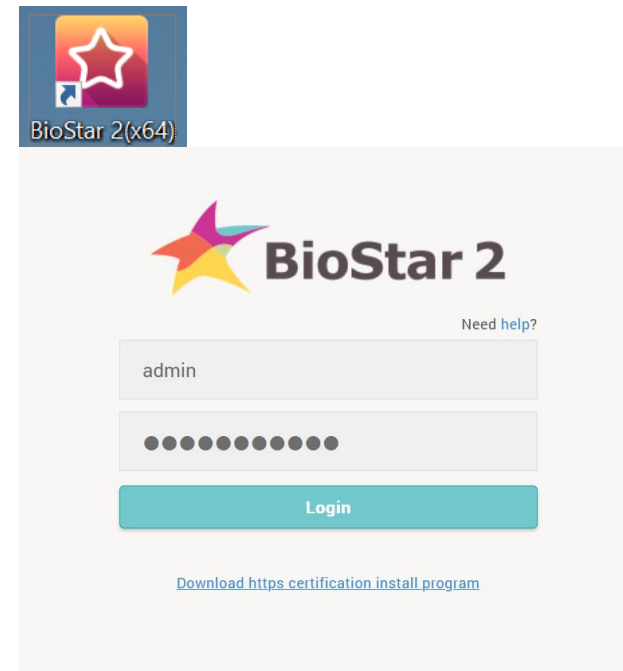
First of all, install the Suprema BioStar 2 software as described in their manuals.



Open BioStar 2 software

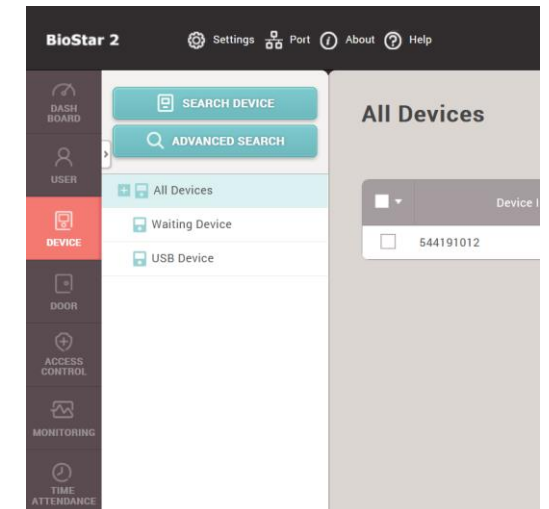
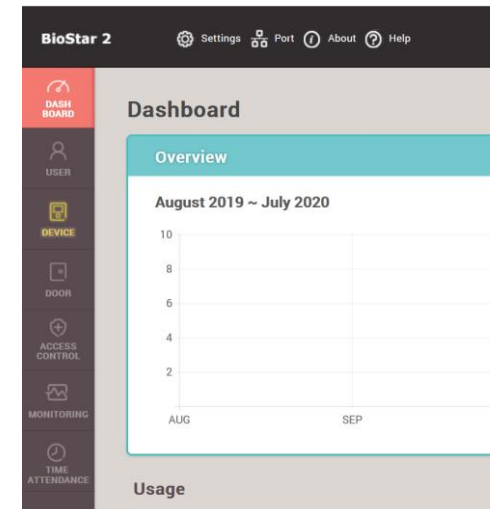
Open the BioStar 2 software using the shortcut on your desktop, or enter <https://127.0.0.1> in your browser to open the web interface.

Please login using the credentials you defined during the installation of the BioStar 2 software.



Devices

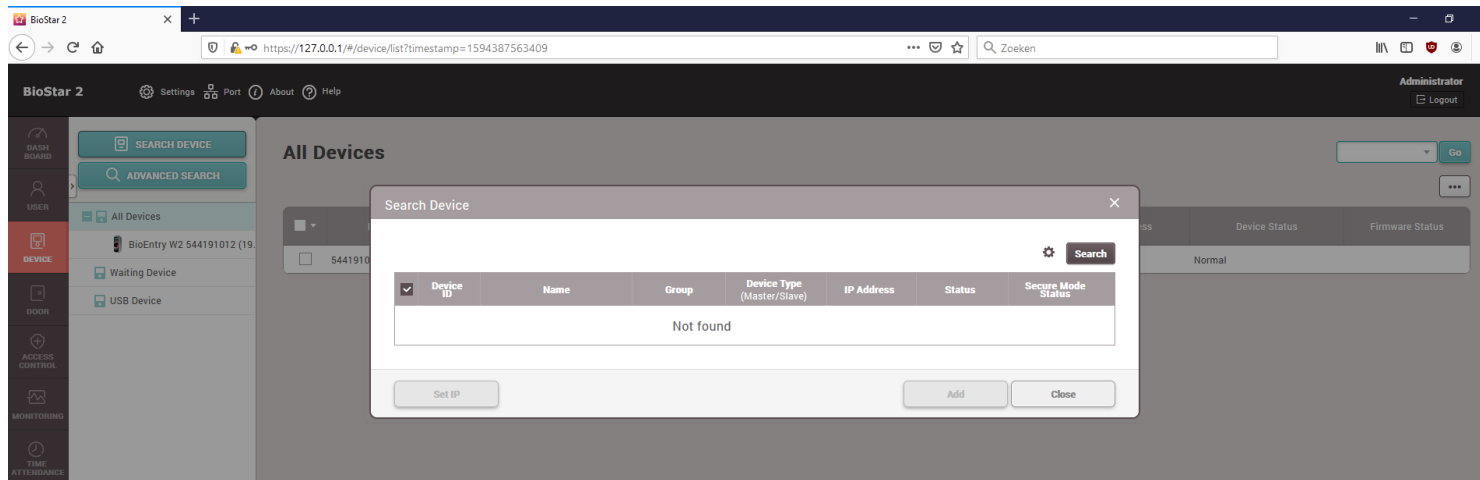
BioStar 2 dashboard will open, please go to the **Device** page to continue.



Search for devices

At the **Device** page, click **SEARCH DEVICE** to automatically search for fingerprint scanners available on the network.

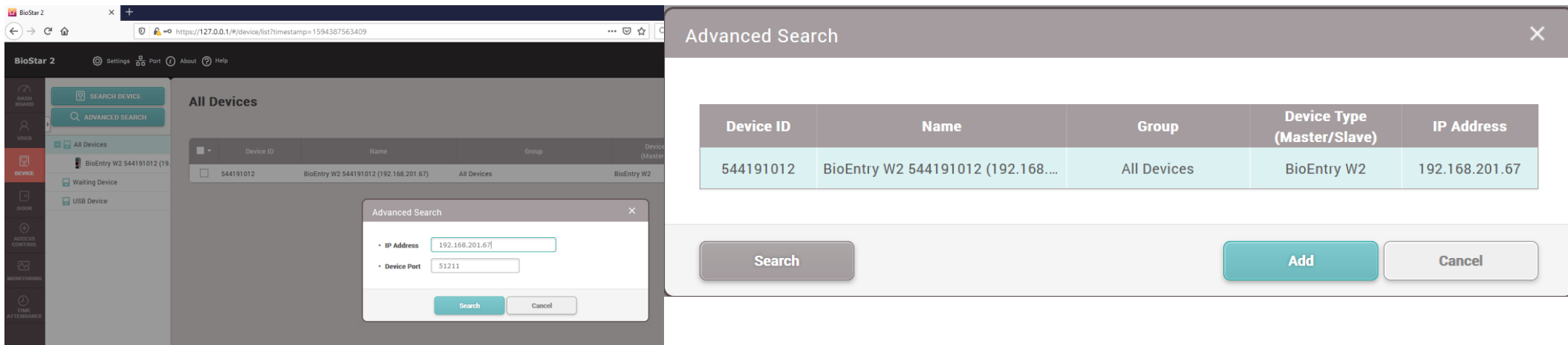
When devices are found, select the device you want and click **Add** to continue.



Advanced search for devices

At the **Device** page, click **ADVANCED SEARCH** to manually search for fingerprint scanners on the network by entering the **IP address** of the Fingerprint scanner you want to add.

When you find the device, select the device and click **Add** to continue.



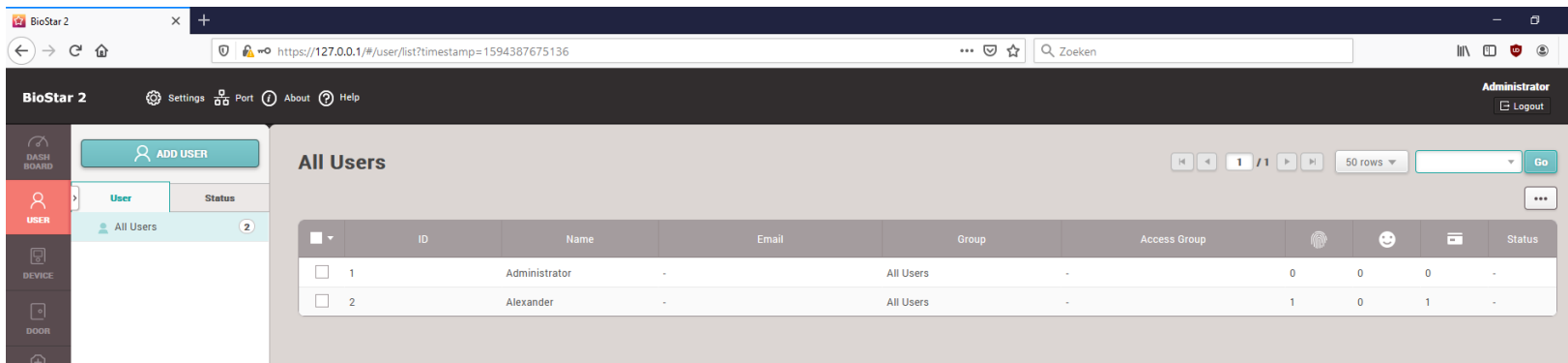
The screenshot displays the BioStar 2 web interface. On the left, a sidebar contains navigation options: DASH BOARD, USER, DEVICE, ROOM, ACCESS CONTROL, MONITORING, and TIME ATTENDANCE. The main area is titled 'All Devices' and shows a table with columns for Device ID, Name, Group, Device Type (Master/Slave), and IP Address. A small 'Advanced Search' dialog is open, showing fields for IP Address (192.168.201.67) and Device Port (51211). A larger 'Advanced Search' window is also shown, displaying the search results in a table.

Device ID	Name	Group	Device Type (Master/Slave)	IP Address
544191012	BioEntry W2 544191012 (192.168.201.67)	All Devices	BioEntry W2	192.168.201.67

Buttons at the bottom of the search window include Search, Add, and Cancel.

Create user

At the **User** page, click **ADD USER** to create a new user. A user will later be used to link a fingerprint to a specific user in **EasyConf**. We suggest to use the delegate names.



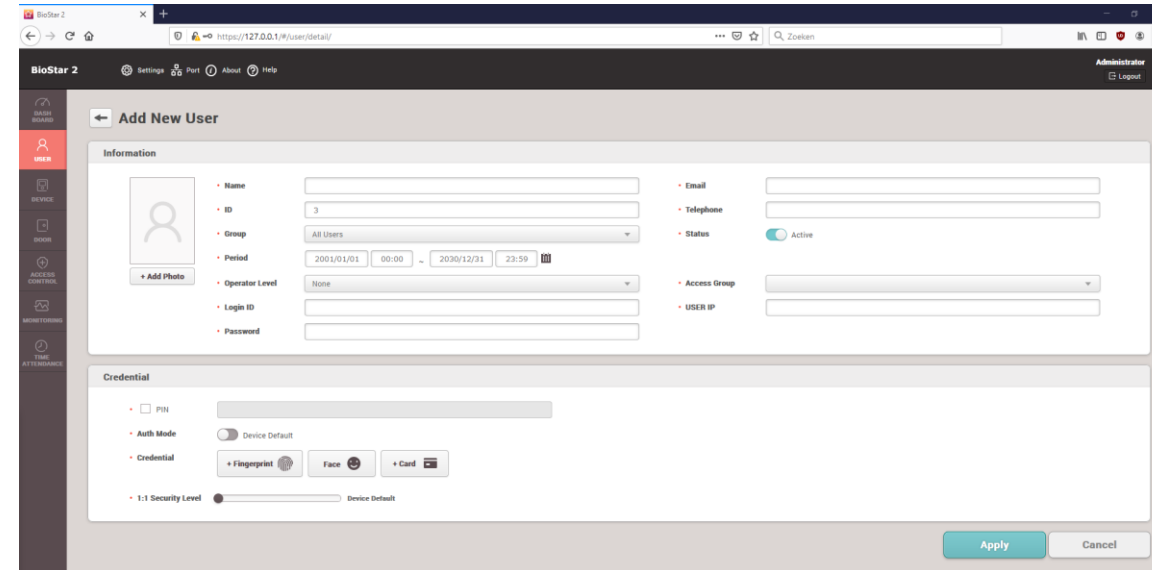
The screenshot shows the BioStar 2 web interface. The top navigation bar includes 'Settings', 'Port', 'About', and 'Help'. The user is logged in as 'Administrator'. The left sidebar has a 'DASH BOARD' button and a 'USER' button. The main content area is titled 'All Users' and shows a table of users. The table has columns for ID, Name, Email, Group, Access Group, and Status. There are two users listed: Administrator and Alexander.

ID	Name	Email	Group	Access Group	Status
1	Administrator	-	All Users	-	0
2	Alexander	-	All Users	-	1

Create user

Enter at least a username at the **Name** field. All other fields are not mandatory.

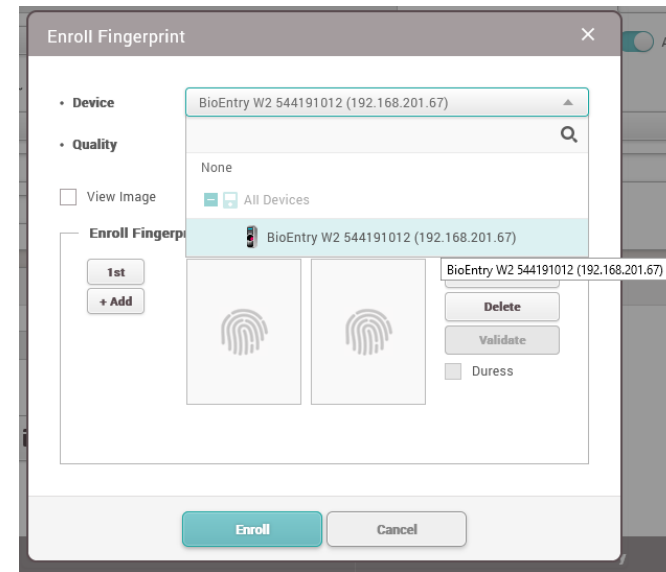
Click  to add a fingerprint for a user. This can also be done later.



The screenshot shows the 'Add New User' form in the BioStar 2 web interface. The form is divided into two main sections: 'Information' and 'Credential'. The 'Information' section includes fields for Name, ID (set to 3), Group (set to All Users), Period (2001/01/01 00:00 to 2030/12/31 23:59), Operator Level (set to None), Login ID, Password, Email, Telephone, Status (set to Active), Access Group, and User IP. The 'Credential' section includes a PIN field, Auth Mode (set to Device Default), Credential type (set to Fingerprint), and a Security Level slider (set to Device Default). The form has 'Apply' and 'Cancel' buttons at the bottom right.

Add fingerprint

Select the device you want to use to add a new fingerprint to a user.

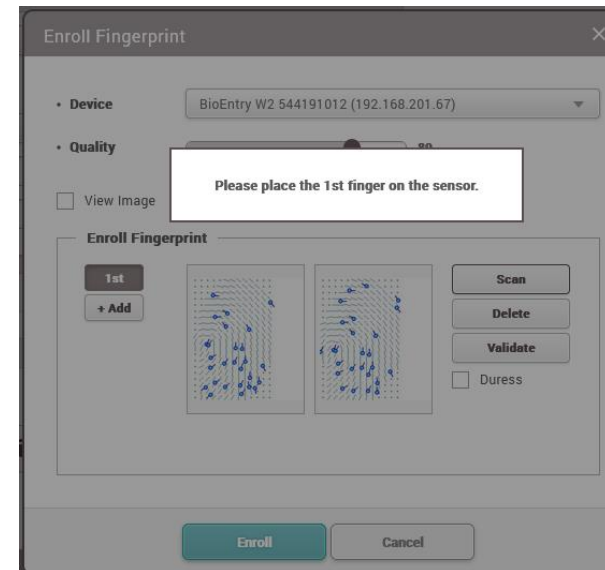


Add fingerprint

Click the  button to add a new finger in the system.

Click the  button to start scanning the fingerprint.

Follow the instructions on screen.



Add fingerprint

When the fingerprint is scanned correct, click **Enroll** to continue.

The screenshot shows a software window titled "Enroll Fingerprint" with a close button (X) in the top right corner. Inside the window, there is a "Device" dropdown menu showing "BioEntry W2 544191012 (192.168.201.67)". Below it is a "Quality" slider set to 80. There is a checkbox labeled "View Image" which is currently unchecked. The main area is titled "Enroll Fingerprint" and contains two fingerprint images side-by-side. To the left of the images are buttons "1st" and "+ Add". To the right are buttons "Scan", "Delete", and "Validate". Below these buttons is a checkbox labeled "Duress". At the bottom of the window are two large buttons: "Enroll" (highlighted in teal) and "Cancel".

Activate fingerprint identification in EasyConf

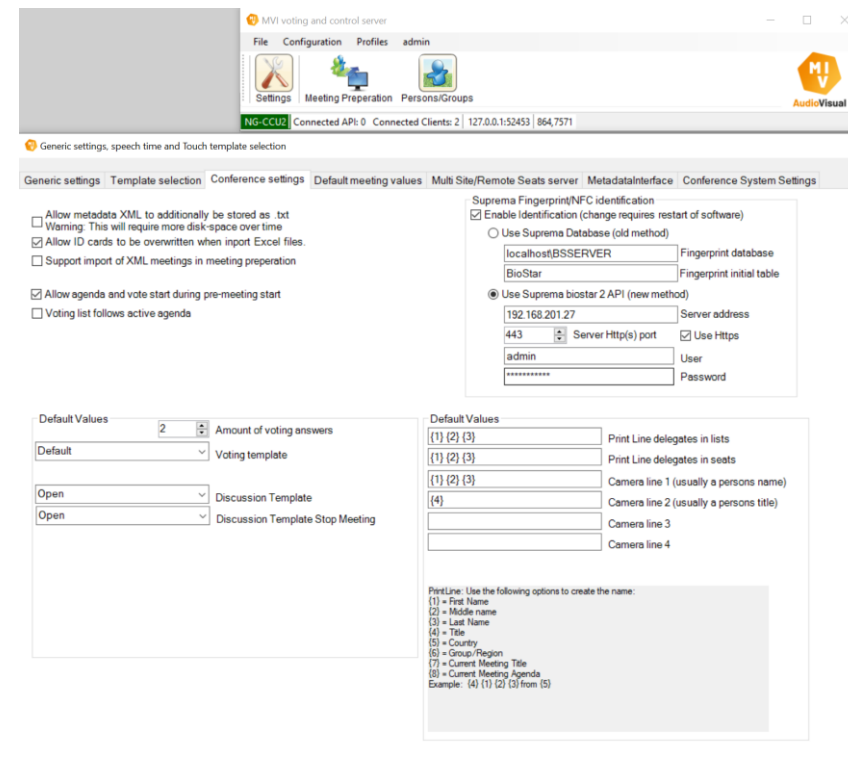
In EasyConf go to Settings, Conference settings.

Click Enable Identification.

Select Use Suprema BioStar 2 API.

Enter the correct credentials and port number.

Restart the **EasyConf** software to apply the changes.



The screenshot shows the EasyConf software interface. The top menu bar includes 'File', 'Configuration', 'Profiles', and 'admin'. Below the menu is a status bar showing 'NG-CCU2', 'Connected API: 0', 'Connected Clients: 2', '127.0.0.1:52453', and '864,7571'. The main window is titled 'Generic settings, speech time and Touch template selection'. The 'Conference settings' tab is selected, showing options for 'Suprema Fingerprint(NFC) identification'. The 'Enable Identification (change requires restart of software)' checkbox is checked. Under 'Use Suprema Database (old method)', the 'Fingerprint database' is set to 'localhostBSSERVER' and the 'Fingerprint initial table' is set to 'BioStar'. Under 'Use Suprema biostar 2 API (new method)', the 'Server address' is '192.168.201.27', the 'Server Http(s) port' is '443', and the 'User' is 'admin'. The 'Password' field is masked with asterisks. The 'Use Https' checkbox is checked. Below these settings are sections for 'Default Values' and 'PrintLine' configuration.

Generic settings | Template selection | **Conference settings** | Default meeting values | Multi Site/Remote Seats server | MetadataInterface | Conference System Settings

☐ Allow metadata XML to additionally be stored as .txt
Warning: This will require more disk-space over time
☒ Allow ID cards to be overwritten when import Excel files.
☐ Support import of XML meetings in meeting preparation

☒ Allow agenda and vote start during pre-meeting start
☐ Voting list follows active agenda

Suprema Fingerprint(NFC) identification
☒ Enable Identification (change requires restart of software)

☐ Use Suprema Database (old method)
localhostBSSERVER Fingerprint database
BioStar Fingerprint initial table

☒ Use Suprema biostar 2 API (new method)
192.168.201.27 Server address
443 Server Http(s) port ☒ Use Https
admin User
***** Password

Default Values: 2 Amount of voting answers
Default Voting template
Open Discussion Template
Open Discussion Template Stop Meeting

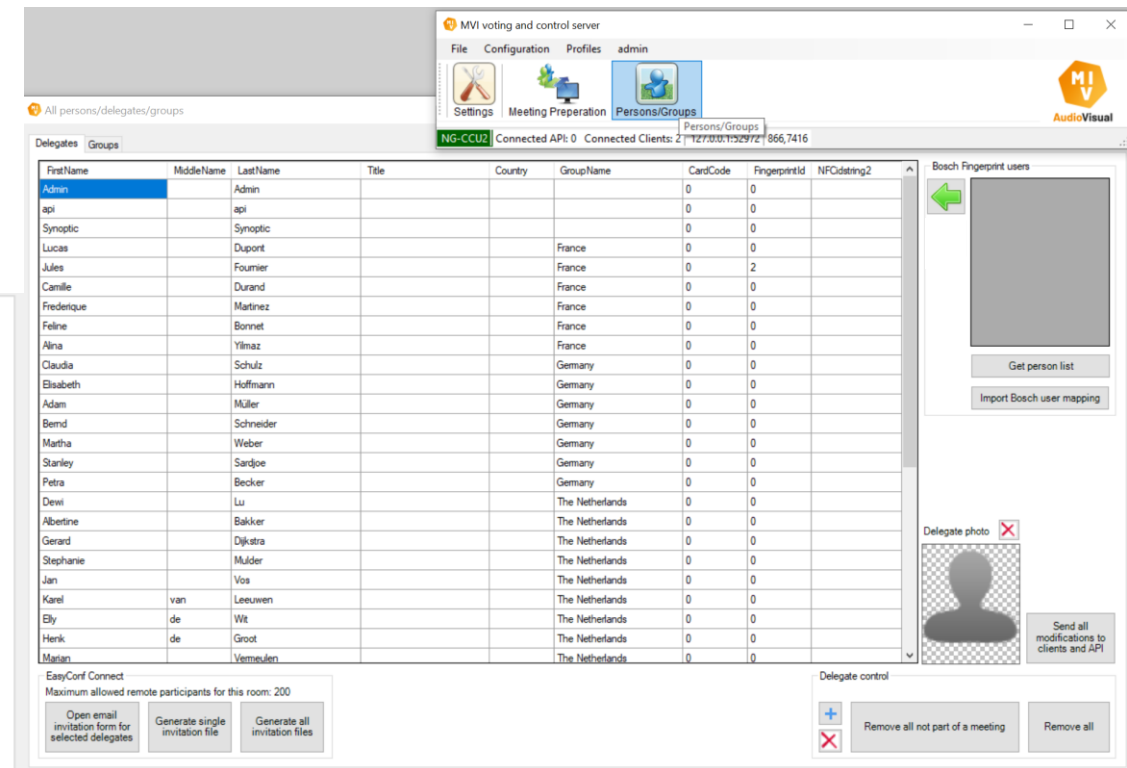
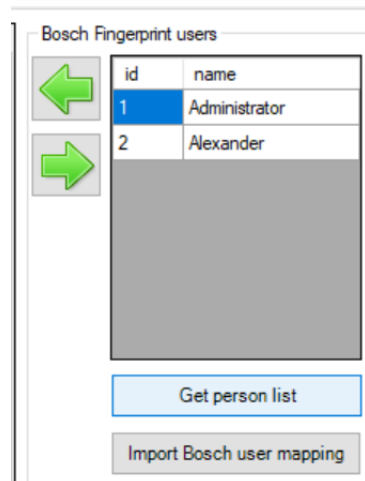
Default Values: (1) (2) (3) Print Line delegates in lists
(1) (2) (3) Print Line delegates in seats
(1) (2) (3) Camera line 1 (usually a persons name)
(4) Camera line 2 (usually a persons title)
Camera line 3
Camera line 4

PrintLine: Use the following options to create the name:
(1) = First Name
(2) = Middle name
(3) = Last Name
(4) = Title
(5) = Country
(6) = Group/Region
(7) = Current Meeting Title
(8) = Current Meeting Agenda
Example: (4) (1) (2) (3) from (5)

Activate fingerprint identification in EasyConf


In EasyConf go to Persons/Groups.

At Bosch Fingerprint Users click Get person list to import the user list with fingerprints from the BioStar 2 software.

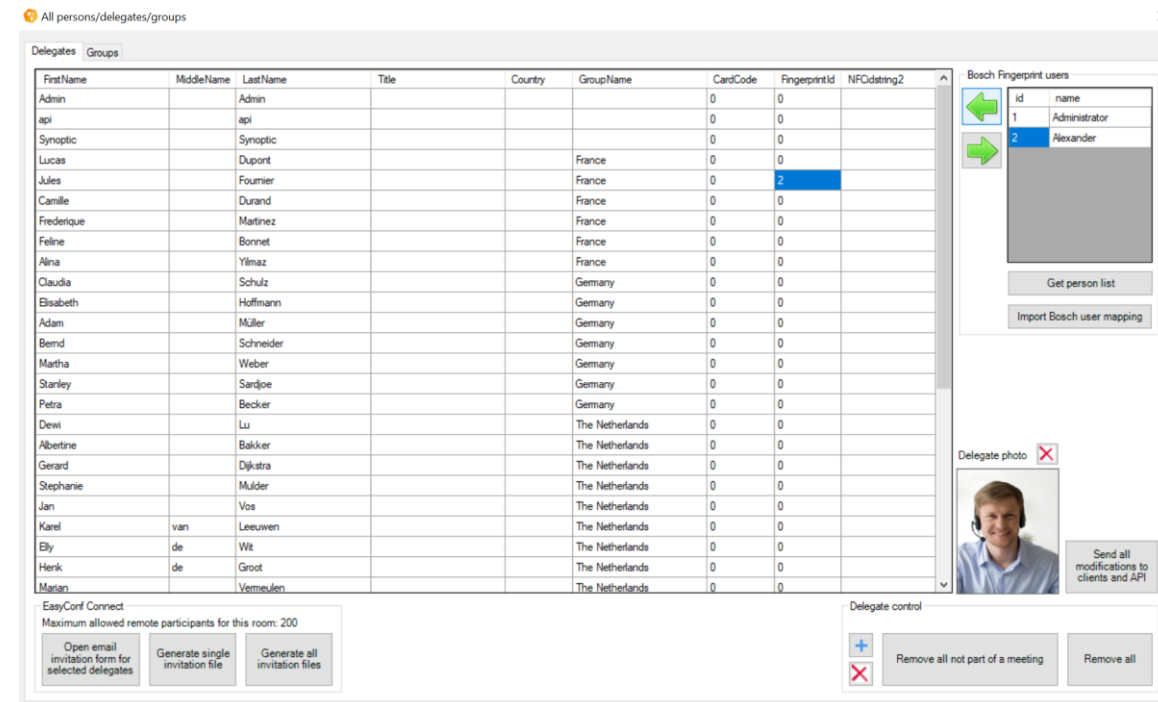


Link fingerprint to a user in EasyConf

In both lists select the delegate you want to link to a fingerprint.

Click the  button to link the fingerprint to the selected user.

You can now login to a seat using the fingerprint scanner when a meeting is running.



All persons/delegates/groups

FirstName	MiddleName	LastName	Title	Country	GroupName	CardCode	FingerprintId	NFCdsting2
Admin		Admin				0	0	
api		api				0	0	
Synoptic		Synoptic				0	0	
Lucas		Dupont			France	0	0	
Jules		Fournier			France	0	2	
Camille		Durand			France	0	0	
Frederique		Martinez			France	0	0	
Feline		Bonnet			France	0	0	
Aline		Yilmaz			France	0	0	
Claudia		Schulz			Germany	0	0	
Elisabeth		Hoffmann			Germany	0	0	
Adam		Müller			Germany	0	0	
Bernd		Schneider			Germany	0	0	
Martha		Weber			Germany	0	0	
Stanley		Sandoe			Germany	0	0	
Petra		Becker			Germany	0	0	
Devi		Lu			The Netherlands	0	0	
Albertine		Bakker			The Netherlands	0	0	
Gerard		Dijkstra			The Netherlands	0	0	
Stephanie		Mulder			The Netherlands	0	0	
Jan		Vos			The Netherlands	0	0	
Karel	van	Leeuwen			The Netherlands	0	0	
Ely	de	Wit			The Netherlands	0	0	
Henk	de	Groot			The Netherlands	0	0	
Matian		Vermeylen			The Netherlands	0	0	

Bosch Fingerprint users

id	name
1	Administrator
2	Alexander

Get person list

Import Bosch user mapping

Delegate photo

Send all modifications to clients and API

EasyConf Connect

Maximum allowed remote participants for this room: 200

Open email invitation form for selected delegates

Generate single invitation file

Generate all invitation files

Delegate control

Remove all not part of a meeting

Remove all