DICENTIS Wireless Conference System

BOSCH

en Release Notes

Table of Contents

1 History

Release	Release Date	Release Comments
1.71.2026	2020-09-10	• Added: Nepal can be selected as country for the Wi-Fi settings.
1.70.1991	2020-07-01	• Fixed: issues when using an iPad and Safari. Please upgrade iPad to iOS 13.3 or later. • Fixed: issues with volume control icon on the browser. • Improved: security issues on licensing components. • Added: Traditional Chinese as web browser language. • Added: Hungarian, Czech, Greek, Traditional Chinese as DCNM-WDE language. • Added: possibility to download Open Source Software license from info-page and upgrade page. • Added: Voting 100% settings can be configured as Present button, Authorized for voting, Cast votes. • Added: Support of Lumens VC-A61P camera. • Added: Support of Sony BRC-X400 camera. Disable Security \ Referer check • Added: Support of Panasonic AW-UE150 camera. • Fixed: admin-password is automatically entered for ONVIF cameras which causes a camera disconnection. • Fixed: error 403 when user with only Manage meeting rights opens Manage voting screen.
1.63.1634	2019-04-05	• Fixed: Audio can be distorted after power on
1.62.1589	2019-01-15	• Fixed: Camera connection issues • Fixed: Volume button visibility in the web browser • Fixed: Updated WiFi channels for Algeria
1.60.1506	2018-09-13	• Extended: Support for Onvif compatible cameras with username & password • Extended: Support for Sony IP cameras via CGI commands for 300/360 series: Sony SRG-300SE/301SE and SRG-360SHE • Extended: Support for Panasonic IP cameras via CGI protocol (HD Integrated Camera Interface Specifications 1.06): AW-HE40, AW-HE50, AW-HE60, AW-HE120, AW-HE130, AW-UE70 • Fixed: Configuration issues in combination with iPad with iOS 11.3 • Fixed: TvOne connection errors are logged when Kramer is connected and the other way around • Extended: Support for TV One Corio Matrix card: HDMI 4K 1-out
1.51.1445	2018-06-28	• Extended: Support for TV One Corio Matrix card: HDMI 4K 1-out

Release	Release Date	Release Comments
1.50.1386	2018-04-09	• Extended: voting functionality with interim results • Extended: voting functionality with individual results on/off • Fixed: Identification mode cannot be switched when all Identification seat licenses are used. • Extended: API with adding persons including NFC-card • Fixed: channel switching can stop after some time • Fixed: WPA2 security vulnerability • Fixed: Windows laptop can subscribe to wireless audio network • Fixed: upgrading redundant systems leads to 2 primary WAPs • Fixed: available WiFi channels for Egypt • Fixed: DCNM-WAP starts up in normal mode before it switches to the configured Audio routing mode, causing feedback
1.4.1234	2017-09-15	• Added waiting list can be set to 0 • Improved the web gui wizard, it enforces the change of the default SSID • Added API call for chairperson priority status • Improved user experience log in on the DCNM-WDE • Fixed, in the web browser the option 'by assignment' works again without DCNM-LSID
1.31.1170	2017-07-14	• Improved Wi-Fi channel switching behavior in environments with very high throughput access points from other brands • Fixed unsuccessful reset of the secondary WAP • Fixed, system remembers the user account after a software update • Fixed, dual use devices keep their audio after the system has been powered on via the web browser
1.3.958	2016-08-01	• Redundant WAP • DCNM-WLIION transportation notice
1.2.825	2016-05-02	• Added carrier management • Added 25 open microphones • Added API Prio call • Improved web browser gui • Improved Wi-Fi stability • Improved channel switching behavior

1.1.742	2015-11-16	• Added and changed functionality in RESTful-API:
		- Added individual voting results
		- Added seats call
		- Value of {id} changed into {id} as used in the seats call for:
		  - GET/speakers/available
		  - GET/speakers
		  - POST/speakers
		  - DELETE/speakers
		  - GET/waiting-list/available
		  - GET/waiting-list
		  - POST/waiting-list
		  - DELETE/waiting-list
		- Added system-info
		• Improved audio during microphone switching

20150717.633	2015-07-17	• Initial version

2 GUI languages

	ar	cz	de	en	es	fr	fi	gr	hu	id	it	ja	ko	nl	pl	pt	pt-BR	ru	th	tr	vi	zh-CN	tw-CN
Web	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WDE	•		•	•	•	•	•			•	•	•	•	•	•	•		•	•	•	•	•	•

3 Upgrade software

Immediately upgrade the software of the DICENTIS wireless conference system to the latest version after subscribing the Wireless Devices to the Wireless Access Point.
Not upgrading the software might result in undesired system behavior.

To upgrade the software, please follow the instructions below:

First time installation of the system
1. Install the Wireless Access Point and Wireless Devices according to the instructions in the *Installation manual*.
2. Configure the Wireless Access Point via the web browser. Please read the *First use configuration* paragraph in the *Configuration manual*.
3. Subscribe all Wireless Devices to the Wireless Access Point, as described in the *Configuration manual*.

Download the latest software version
4. Download the latest software version at: https://licensing.boschsecurity.com/software
5. Extract the zip-file on your local computer.
6. Read the release notes of the latest software version.

Upgrade the system to the latest software version
7. Upgrade the Wireless Devices first, and then
8. Upgrade the Wireless Access Point.

Follow the instructions in the *Configuration manual*.

4 Known issues

4.1 ONVIF camera authentications are not shown in the web browser
Issue:
ONVIF camera authentication e.g. user name and password changes are not reflected immediately on camera settings page when you enable/disable the authentication settings in the ONVIF camera.
Solution:
Reboot the camera or reboot the Bosch DCNM-WAP.

4.2 Sony or Panasonic in disconnected state
Issue:
Sony or Panasonic camera is showing the thrash icon when changing the network settings of the Bosch DCNM-WAP are changed from receive IP address automatically to fixed IP address or vice versa.
Solution:
Reboot the Bosch DCNM-WAP.

4.3 API
Issue:
The API reports and error when individual results are configured when there are no participants present.
Solution:
Only configure individual results when participants are present.

API data provided on api/voting per PUT request is validated better in API version 1.5 and higher, providing instant feedback on inconsistent settings. It is possible that a 'Bad Request' (400) response is returned when turning on individual results using the 1.4 API ({"individuals": true}), where previously it would reply with 'OK' (200). This will be the case when there are no participants configured in the system or when identification is turned off. Both are required to be able to gather individual results. When these requirements are met, the setting can be successfully turned on.

4.4   Network connection
Issue:
The PC cannot connect anymore after the wizard is finished.
Solution:
It might happen that the DCNM-WAP changes to a 5GHz channel. Make sure you PC supports 5GHz.

Issue:
After changing the host name, the WAP is not reachable on the new name.
Solution:
Re-start the system.

Issue:
When changing the hostname or (de)activating the fixed IP address in the web browser interface, the laptop/PC loses the connection with the DCNM-WAP.
Solution:
Close and then re-open the web browser interface.

Issue:
The DCNM-WAP becomes not accessible via the wired network port on a network with high multicast traffic.
Solution:
Configure the network port of the switch to which the DCNM-WAP is connected to filter the multicast traffic (IGMP snooping).

Issue:
The network name of the redundant DCNM-WAP changes after upgrade to Bosch Dicentis.
Solution:
If there is only 1 DICENTIS Wireless system or you are not using Bosch Dicentis for any other system you do not need to do anything.
If you need to change the network name of the Redundant DCNM-WAP, set it to factory default after upgrade and configure it.

Issue:
Changing the subnet mask to an incorrect value makes the DCNM-WAP not accessible anymore.
Solution:
When you change the subnet mask of the wired network connection of the DCNM-WAP to an incorrect value it becomes no longer accessible, because you entered an incorrect value.
To fix this:
1. Power cycle the DCNM-WAP,
2. Connect to the wireless side of the DCNM-WAP
3. Change the value of the subnet mask to a correct value
4. Power cycle the DCNM-WAP.

If that does not succeed, please use the reset button on the DCNM-WAP and instructions in the manual to reset the DCNM-WAP to factory defaults.

4.5   Camera connection
Issue:
The TV-One CORIOmatrix mini does not react to switching commands from the DCNM-WAP when the webpage of the TV-One Corio is used.
Solution:
Logout from the TV-One CORIOmatrix mini webpage.

Issue:
The camera is discovered as a fixed camera or the serialnumber is not displayed.
Solution:
Please enter the correct username and password to make certain that it is properly connected to the system.

Issue:
The external SDI video switcher does not switch between inputs.
Solution:
Reset the switcher to factory defaults. Set the TCP connection port number to 5000 for the Kramer MV-6. Set the TCP connection port number to 10001 for the TV-One CORIOmatrix mini.

4.6 Wireless transmission
Issue:
The Range Test might result in disconnect of the browser application when connected to the DCNM-WAP wirelessly.
Solution:
Start the Range Test from the browser application that is wired connected to the DCNM-WAP.

Issue:
On rare occasions there could be audio artefacts on a device during a discussion (e.g. when replacing a battery). The small artefacts are only audible when listening very carefully. They will disappear after 3-60 seconds.
Solution:
Wait for the artefacts to pass by, system will stabilize itself.

5 Additional Information (not included in manuals)

5.1 Supported camera protocols
Below table lists the supported camera protocols and which cameras were verified to work with.

Protocol	Supported cameras	Tested devices
ONVIF Profile-S including username & password	This protocol is used by many cameras	Bosch VCD-811 HD Conference Dome Bosch IP4000 PTZ camera Bosch IP5000 PTZ camera Lumens VC-50AP iSmart AMNC-E200N Avonic AV-CM40-IP
Sony IP cameras via CGI commands for 300/360 series	Sony SRG-300SE/301SE, SRG-360SHE	Sony SRG-300SE SRG-360SHE
Panasonic IP cameras via CGI protocol (HD Integrated Camera Interface Specifications 1.06)	AW-HE40, AW-HE50, AW-HE60, AW-HE120, AW-HE130, AW-UE70	AW-HE40

5.2 Supported SDI video switches
Below table lists the supported SDI switches.

Brand	Type	remarks
Kramer	MV-6	None
TvOne	Coriomatrix mini	The first 6 inputs can be used As of version 1.6 both HD-SDI as 4K-SDI inputs are supported.

5.3 Connecting to TV-one Corio matrix mini (model C3-310)
The system can autonomic control the TV-one Corio matrix mini (model C3-310) to let it operate as an HD-SDI switcher. This enables the automatic routing of the images from different cameras to a single video output, that can be used for displaying, recording and/or webcasting applications.

To make this working you need to:
1. Have the DCNM-LCC camera control license on your Wireless Access Point
2. Enter the IP-address of the Corio matrix mini in the SDI Switcher field of the camera settings page
3. Check if the following username & password is available on the Corio matrix mini
   username   user1
   password: user1pw
   (this is by default configured)

Regarding the inputs and outputs:
- Up to 6 inputs can be used for cameras, input 1 to input 6. Input 1 is the input with the lowest slot number and the lowest input number. So make certain that your SDI-input card is inserted in a slot with a lower number than input cards with other inputs.
- The video is routed to the output with the lowest slot number and lowest output number.

5.4   Certified countries

Although DICENTIS Wireless equipment operates in a license-free band it is subject to local certification regulations. See below the list of countries where the DICENTIS Wireless Conference system is certified. Note that this list is updated regularly.

If you have any questions, or when you encounter a country of interest which is not on the list, please contact your nearest Bosch representative to assist you further.

AX	Åland Islands		ET	Ethiopia
AL	Albania		FK	Falkland Islands (the) [Malvinas]
DZ	Algeria		FO	Faroe Islands (the)
AS	American Samoa		FJ	Fiji
AD	Andorra		FI	Finland
AR	Argentina		FR	France
AU	Australia		GF	French Guiana
AT	Austria		PF	French Polynesia
BH	Bahrain		TF	French Southern Territories (the)
BD	Bangladesh		GE	Georgia
BY	Belarus		DE	Germany
BE	Belgium		GH	Ghana
BA	Bosnia and Herzegovina		GR	Greece
BR	Brasil		GL	Greenland
BN	Brunei Darussalam		GP	Guadeloupe
BG	Bulgaria		GU	Guam
CM	Cameroon		GG	Guernsey
CA	Canada		VA	Holy See (the)
KY	Cayman Islands (the)		HK	Hong Kong
CL	Chile		HU	Hungary
CN	China		IS	Iceland
CX	Christmas Island		IN	India
CC	Cocos (Keeling) Islands (the)		ID	Indonesia
CO	Colombia		IE	Ireland
CD	Congo (the Democratic Republic of the)		IM	Isle of Man
			IT	Italy
CK	Cook Islands (the)		JP	Japan
CI	Côte d'Ivoire		JE	Jersey
HR	Croatia		KZ	Kazakhstan
CY	Cyprus		KE	Kenya
CZ	Czech Republic (the)		KR	Korea (the Republic of)
DK	Denmark		KW	Kuwait
EE	Estonia		KG	Kyrgyzstan
EG	Egypt		LV	Latvia

LB	Lebanon
LI	Liechtenstein
LT	Lithuania
LU	Luxembourg
MK	Macedonia (the former Yugoslav Republic of)
MY	Malaysia
MT	Malta
MQ	Martinique
YT	Mayotte
MX	Mexico
MC	Monaco
ME	Montenegro
MA	Morocco
MZ	Mozambique
NL	Netherlands (the)
NZ	New Zealand
NG	Nigeria
NO	Norway
OM	Oman
PE	Peru
PH	Philippines (the)
PL	Poland
PT	Portugal
PR	Puerto Rico
QA	Qatar
RE	Réunion
RO	Romania
RU	Russian Federation (the)
BL	Saint Barthélemy
SH	Saint Helena, Ascension and Tristan da Cunha
MF	Saint Martin (French part)
PM	Saint Pierre and Miquelon
SM	San Marino
SA	Saudi Arabia

RS	Serbia
SG	Singapore
SK	Slovakia
SI	Slovenia
ZA	South Africa
GS	South Georgia and the South Sandwich Islands
ES	Spain
LK	Sri Lanka
SJ	Svalbard and Jan Mayen
SE	Sweden
CH	Switzerland
TW	Taiwan (Province of China)
TJ	Tajikistan
TZ	Tanzania, United Republic of
TH	Thailand
TL	Timor-Leste
TK	Tokelau
TN	Tunisia
TV	Tuvalu
UG	Uganda
UA	Ukraine
AE	United Arab Emirates (the)
GB	United Kingdom of Great Britain and Northern Ireland (the)
UM	United States Minor Outlying Islands (the)
US	United States of America (the)
UY	Uruguay
UZ	Uzbekistán
VU	Vanuatu
VN	Viet Nam
VG	Virgin Islands (British)
VI	Virgin Islands (U.S.)
WF	Wallis and Futuna