



# DICENTIS Wireless Conference System



**BOSCH**

en Release Notes

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# 1 History

Release	Release Date	Release Comments
1.63.1634	2019-04-05	<ul style="list-style-type: none"> <li>Fixed: Audio can be distorted after power on</li> </ul>
1.62.1589	2019-01-15	<ul style="list-style-type: none"> <li>Fixed: Camera connection issues</li> <li>Fixed: Volume button visibility in the web browser</li> <li>Fixed: Updated WiFi channels for Algeria</li> </ul>
1.60.1506	2018-09-13	<ul style="list-style-type: none"> <li>Extended: Support for Onvif compatible cameras with username &amp; password</li> <li>Extended: Support for Sony IP cameras via CGI commands for 300/360 series: Sony SRG-300SE/301SE and SRG-360SHE</li> <li>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</li> <li>Fixed: Configuration issues in combination with iPad with iOS 11.3</li> <li>Fixed: TvOne connection errors are logged when Kramer is connected and the other way around</li> <li>Extended: Support for TV One Corio Matrix card: HDMI 4K 1-out</li> </ul>
1.51.1445	2018-06-28	<ul style="list-style-type: none"> <li>Extended: Support for TV One Corio Matrix card: HDMI 4K 1-out</li> </ul>
1.50.1386	2018-04-09	<ul style="list-style-type: none"> <li>Extended: voting functionality with interim results</li> <li>Extended: voting functionality with individual results on/off</li> <li>Fixed: Identification mode cannot be switched when all Identification seat licenses are used.</li> <li>Extended: API with adding persons including NFC-card</li> <li>Fixed: channel switching can stop after some time</li> <li>Fixed: WPA2 security vulnerability</li> <li>Fixed: Windows laptop can subscribe to wireless audio network</li> <li>Fixed: upgrading redundant systems leads to 2 primary WAPs</li> <li>Fixed: available WiFi channels for Egypt</li> <li>Fixed: DCNM-WAP starts up in normal mode before it switches to the configured Audio routing mode, causing feedback</li> </ul>
1.4.1234	2017-09-15	<ul style="list-style-type: none"> <li>Added waiting list can be set to 0</li> <li>Improved the web gui wizard, it enforces the change of the default SSID</li> <li>Added API call for chairperson priority status</li> <li>Improved user experience log in on the DCNM-WDE</li> <li>Fixed, in the web browser the option 'by assignment' works again without DCNM-LSID</li> </ul>
1.31.1170	2017-07-14	<ul style="list-style-type: none"> <li>Improved Wi-Fi channel switching behavior in environments with very high throughput access points from other brands</li> <li>Fixed unsuccessful reset of the secondary WAP</li> <li>Fixed, system remembers the user account after a software update</li> <li>Fixed, dual use devices keep their audio after the system has been powered on via the web browser</li> </ul>
1.3.958	2016-08-01	<ul style="list-style-type: none"> <li>Redundant WAP</li> <li>DCNM-WLIION transportation notice</li> </ul>

Release	Release Date	Release Comments
1.2.825	2016-05-02	<ul style="list-style-type: none"> <li>• Added carrier management</li> <li>• Added 25 open microphones</li> <li>• Added API Prio call</li> <li>• Improved web browser gui</li> <li>• Improved Wi-Fi stability</li> <li>• Improved channel switching behavior</li> </ul>
1.1.742	2015-11-16	<ul style="list-style-type: none"> <li>• Added and changed functionality in RESTful-API:                             <ul style="list-style-type: none"> <li>- Added individual voting results</li> <li>- Added seats call</li> <li>- Value of {id} changed into {id} as used in the seats call for:                                     <ul style="list-style-type: none"> <li>- GET/speakers/available</li> <li>- GET/speakers</li> <li>- POST/speakers</li> <li>- DELETE/speakers</li> <li>- GET/waiting-list/available</li> <li>- GET/waiting-list</li> <li>- POST/waiting-list</li> <li>- DELETE/waiting-list</li> </ul> </li> <li>- Added system-info</li> </ul> </li> <li>• Improved audio during microphone switching</li> </ul>
20150717.633	2015-07-17	<ul style="list-style-type: none"> <li>• Initial version</li> </ul>

## 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	
Web pages	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DCNM-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 trash 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 an 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 your 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.

### 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
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	FK	Falkland Islands (the) [Malvinas]
AL	Albania	FO	Faroe Islands (the)
DZ	Algeria	FJ	Fiji
AS	American Samoa	FI	Finland
AD	Andorra	FR	France
AR	Argentina	GF	French Guiana
AU	Australia	PF	French Polynesia
AT	Austria	TF	French Southern Territories (the)
BH	Bahrain	GE	Georgia
BD	Bangladesh	DE	Germany
BY	Belarus	GH	Ghana
BE	Belgium	GR	Greece
BA	Bosnia and Herzegovina	GL	Greenland
BR	Brasil	GP	Guadeloupe
BN	Brunei Darussalam	GU	Guam
BG	Bulgaria	GG	Guernsey
CM	Cameroon	VA	Holy See (the)
CA	Canada	HK	Hong Kong
KY	Cayman Islands (the)	HU	Hungary
CL	Chile	IS	Iceland
CN	China	IN	India
CX	Christmas Island	ID	Indonesia
CC	Cocos (Keeling) Islands (the)	IE	Ireland
CO	Colombia	IM	Isle of Man
CD	Congo (the Democratic Republic of the)	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
ET	Ethiopia	LB	Lebanon
		LI	Liechtenstein

LT	Lithuania	SG	Singapore
LU	Luxembourg	SK	Slovakia
MK	Macedonia (the former Yugoslav Republic of)	SI	Slovenia
MY	Malaysia	ZA	South Africa
MT	Malta	GS	South Georgia and the South Sandwich Islands
MQ	Martinique	ES	Spain
YT	Mayotte	LK	Sri Lanka
MX	Mexico	SJ	Svalbard and Jan Mayen
MC	Monaco	SE	Sweden
ME	Montenegro	CH	Switzerland
MA	Morocco	TW	Taiwan (Province of China)
MZ	Mozambique	TJ	Tajikistan
NL	Netherlands (the)	TZ	Tanzania, United Republic of
NZ	New Zealand	TH	Thailand
NG	Nigeria	TL	Timor-Leste
NO	Norway	TK	Tokelau
OM	Oman	TN	Tunisia
PE	Peru	TV	Tuvalu
PH	Philippines (the)	UG	Uganda
PL	Poland	UA	Ukraine
PT	Portugal	AE	United Arab Emirates (the)
PR	Puerto Rico	GB	United Kingdom of Great Britain and Northern Ireland (the)
QA	Qatar	UM	United States Minor Outlying Islands (the)
RE	Réunion	US	United States of America (the)
RO	Romania	UY	Uruguay
RU	Russian Federation (the)	UZ	Uzbekistán
BL	Saint Barthélemy	VU	Vanuatu
SH	Saint Helena, Ascension and Tristan da Cunha	VN	Viet Nam
MF	Saint Martin (French part)	VG	Virgin Islands (British)
PM	Saint Pierre and Miquelon	VI	Virgin Islands (U.S.)
SM	San Marino	WF	Wallis and Futuna
SA	Saudi Arabia		
RS	Serbia		