



DICENTIS Wireless Conference System



BOSCH

en Release Notes

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1 History

Release	Release Date	Release Comments
1.76.2161	2023-03-21	<ul style="list-style-type: none"> Support for new hardware versions of <ul style="list-style-type: none"> DCNM-WAP HW 02/10 DCNM-WDE HW 01/06 DCNM-WD HW 01/06.
1.75.2148	2022-12-14	<ul style="list-style-type: none"> Fixed analog input and output do not function after upgrade to 1.74. Fixed identification does not function after upgrade to 1.74.
1.74.2145	2022-11-18	<ul style="list-style-type: none"> Updated Wi-Fi settings for China.
1.73.2081	2021-01-29	<ul style="list-style-type: none"> Security update. Please upgrade to this version.
1.71.2026	2020-09-10	<ul style="list-style-type: none"> Added: Nepal can be selected as country for the Wi-Fi settings.
1.70.1991	2020-07-01	<ul style="list-style-type: none"> 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 DCMN-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	<ul style="list-style-type: none"> Fixed: Audio can be distorted after power on
1.62.1589	2019-01-15	<ul style="list-style-type: none"> Fixed: Camera connection issues Fixed: Volume button visibility in the web browser Fixed: Updated WiFi channels for Algeria
1.60.1506	2018-09-13	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Extended: Support for TV One Corio Matrix card: HDMI 4K 1-out

Release	Release Date	Release Comments
1.50.1386	2018-04-09	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Redundant WAP DCNM-WLIION transportation notice
1.2.825	2016-05-02	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Added and changed functionality in RESTful-API: <ul style="list-style-type: none"> - Added individual voting results - Added seats call - Value of {id} changed into {id} as used in the seats call for: <ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> Initial version

2 Hardware / software support

It is always advised to upgrade the wireless system to the most recent version.
Below table lists which minimum software version is required for the hardware versions.

DCNM-WAP hardware version	DCNM-WDE Hardware version	DCNM-WD Hardware version	Requires DICENTIS Wireless software
02/10	01/06	01/06	1.76 or newer

3 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	•		•	•	•	•	•			•	•	•	•	•	•	•		•	•	•	•	•	•

4 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*.

5 Known issues

5.1 Licenses

Issue:

SDual use license is not automatically released if a disconnected device with dual use is removed using the button "Remove disconnected seats".

Solution:

Powercycle the DCNM-WAP to have the dual use license to be released.

5.2 Security check reports vulnerability

Issue:

Security check results in Nginx version 1.5.6 – CVE-2014-0133 flag. The vulnerability concerns the spdy module which is part of this Nginx version.

Solution:

Our product uses Nginx version 1.5.6 without the mentioned ngx_http_spdy_module module. Because the software does not include the affected module, this vulnerability is not present.

Issue:

Security check results in Nginx version 1.5.6 – CVE-2021-23017 flag. The vulnerability concerns usage of the "resolver" directive in the configuration file.

Solution:

Our product uses Nginx version 1.5.6 without using the "resolver" directive. Because the software does not use the "resolver" directive, this vulnerability is not present.

5.3 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.

5.4 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.

5.5 Sony SRG-300SE is seen as fixed camera

Issue:

Sony SRG-300SE is seen as fixed camera after upgrading to 1.7 software.

To support the new Sony cameras like the BRC-X400 the supported authentication method is changed from Basic authentication to Digest authentication in version 1.7.

Solution:

1. Change the authentication mode of the Sony camera from Basic authentication to Digest authentication via the web browser of the camera.
2. Delete the camera from the configuration.
3. Add the Sony camera to the configuration.
4. Assign the seats to the Sony camera again.

5.6 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.

5.7 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 Dicientis.

Solution:

If there is only 1 DICENTIS Wireless system or you are not using Bosch Dicientis 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.

5.8 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.

5.9 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.

6 Additional Information (not included in manuals)

7 Supported cameras and switchers

7.1 Supported cameras

Supported cameras	DICENTIS Wireless
ONVIF Profile-S	
Lumens VC-TR40	1.76
Avonic AV-CM70-IP, Avonic AV-CM71-IP, Avonic AV-CM73-IP	1.70
Lumens VC-A61P, Lumens VC-A71P	
Username & Password authentication	1.60
Bosch IP 4000, Bosch IP 5000	
Lumens VC-A50P	
Avonic AV-CM40-IP	
Bosch VCD-811	1.00
Sony CGI commands	
BRC-X400, SRG-X400, SRG-X120	1.70
Sony SRG-300SE/301SE, SRG-360SHE	1.60
Panasonic HD Integrated Camera Interface Specifications	
AW-UE150	1.70
AW-HE40, AW-HE50, AW-HE60, AW-UE70, AW-HE120, AW-HE130	1.60

7.2 Supported video switchers

Supported video switchers	DICENTIS Wireless
TV One Corio Matrix card: HDMI 4K 1-out	1.40
TV One CORIOMatrix	1.10
Kramer MV-6 video switch	1.00

7.3 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.

7.4 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	GE	Georgia
AL	Albania	DE	Germany
DZ	Algeria	GH	Ghana
AS	American Samoa	GR	Greece
AD	Andorra	GL	Greenland
AR	Argentina	GP	Guadeloupe
AU	Australia	GU	Guam
AT	Austria	GG	Guernsey
BH	Bahrain	VA	Holy See (the)
BD	Bangladesh	HK	Hong Kong
BY	Belarus	HU	Hungary
BE	Belgium	IS	Iceland
BA	Bosnia and Herzegovina	IN	India
BR	Brasil	ID	Indonesia
BN	Brunei Darussalam	IE	Ireland
BG	Bulgaria	IM	Isle of Man
CM	Cameroon	IT	Italy
CA	Canada	JP	Japan
KY	Cayman Islands (the)	JE	Jersey
CL	Chile	KZ	Kazakhstan
CN	China	KE	Kenya
CX	Christmas Island	KR	Korea (the Republic of)
CC	Cocos (Keeling) Islands (the)	KW	Kuwait
CO	Colombia	KG	Kyrgyzstan
CD	Congo (the Democratic Republic of the)	LV	Latvia
CK	Cook Islands (the)	LB	Lebanon
CI	Côte d'Ivoire	LI	Liechtenstein
HR	Croatia	LT	Lithuania
CY	Cyprus	LU	Luxembourg
CZ	Czech Republic (the)	MK	Macedonia (the former Yugoslav Republic of)
DK	Denmark	MY	Malaysia
EE	Estonia	MT	Malta
EG	Egypt	MQ	Martinique
ET	Ethiopia	YT	Mayotte
FK	Falkland Islands (the) [Malvinas]	MX	Mexico
FO	Faroe Islands (the)	MC	Monaco
FJ	Fiji	ME	Montenegro
FI	Finland	MA	Morocco
FR	France	MZ	Mozambique
GF	French Guiana	NL	Netherlands (the)
PF	French Polynesia	NZ	New Zealand
TF	French Southern Territories (the)	NG	Nigeria

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