



DICENTIS Conference System 7.00

en Release Notes

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1 History

Release	Release Date	Release Comments
7.00.2013	2026-08-26	Improvements: DICENTIS • DCNM-MMFF and DCNM-MMDOCK are now officially supported. • Simplified the online license refresh process by enabling license updates directly from the Activation Tool without requiring user credentials. • Improved software delivery by reducing the DICENTIS ISO file size. The ISO package now contains the essential installation components, while DCNM-MMFF and OMN-ARNI components are downloaded and installed separately only when required. • DCNM-IDESEK hearing protection compliant with EN ISO 20109:2025. • Added audible feedback on DCNM-DE devices during voting. Participants with audible beeps enabled now receive a confirmation tone in their headphones when they cast a vote. • Improved Server Console status indication. Users can now clearly see when the system is operating correctly, even if a secure connection has not been configured. • Updated legal entity information across INT TXO software. • Fixed <i>Create and install failure</i> in the certificate manager, preventing the certificate from being properly applied to the web server. • Fixed Removing discussion capability did not switch off the microphone • Fixed DCNM-MMD2 do not receive custom PSK after enabling "Paired Using Secure Communication". • Fixed secret voting does not working properly in DICENTIS Hybrid and Participant app . Participant App • Participant app supports multiple subnet with ARNI. • It is possible to display and select interpreted languages. • Fixed changing UI language causes time format label to disappear. • Fixed Participants are not moved to their assigned seats when the meeting starts. • Fixed disabling "Mute Button" in Meeting application did not work. • Fixed participant app stuck at the loading screen when the device rights updated in Meeting application. • Fixed clicking on the voting options cause scrolling. • Fixed voting and agenda numbers are missing • Fixed "Allow cancel request to respond" option not working as expected. • Fixed Voting Results Graph has inconsistent sizing behavior. Media Gateway • Fixed Media gateway cannot restore camera preposition when restarted. • Fixed Cannot connect to RTSP URL when special characters are used in username/password. • Fixed remote video frames corrupted on some setups. This release includes: • Integrus 5.13 Please refer to the INT-TXO release notes for more information. • Hybrid meetings 1.13.8 Please refer to the Hybrid release notes for more information.
6.82.43	2026-07-27	Improvements:

Release	Release Date	Release Comments
		DICENTIS - Improved device discovery to solve the issue that devices in the child VLAN do not connect. - Bug fix that solves the issue that the prepared meeting is not activated automatically.
6.81.34	2026-06-04	Improvements: DICENTIS - Redundant ARNI is officially supported - Fixed DCNM-FBD2 devices generated excessive data traffic which causes disconnections. - Fixed DCNM-Dxx devices failing to connect to services in an ARNI network.
6.80.1394	2026-02-16	Improvements: DICENTIS - Adds enforced strong password rules across Admin login, user creation, and optional person passwords to improve system security. - Upgrades the system database to SQL Server 2025 for improved performance, security, and long-term support. - Provides a direct shortcut to Name Card configuration within the Synoptic page to streamline technician workflow. - All DICENTIS software products now reflect the new Electro Voice Dynacord B.V. legal entity across installers, interfaces, and licenses. - Fixed <i>Dual Use</i> setting was automatically unchecked for multiple devices when applying or removing <i>Custom PSK</i> together with "Paired using secure connection settings", causing all affected devices to lose their Dual Use configuration. - Fixed Web Client did not show Power Off and Volume Control options by default when using a DCNM-RENTAL license. - Fixed database backups failed when the backup location was set to the Desktop , resulting in an "Access is denied" error. - Fixed <i>Paired using secure connection settings</i> option had no effect for FBD2-2A (Dual Use), and the Custom PSK / Default PSK settings were not applied as expected. - Fixed all seats disappeared in Microphone Sensitivity mode after assigning a custom key, causing the Synoptic view to lose seat visibility until the PC was power-cycled. - Fixed microphone icons occasionally disappear from the Synoptic Microphone Sensitivity page, requiring system restart to restore the view. - Fixed IDESK show DICENTIS logo when no router option is defined in DHCP. - Improved FBD2 stability in multiple subnets with ARNIs. Participant App - Presentation management (activate/deactivate local presentations) is now available for meeting managers/chairpersons. - Agenda management (open/close agenda items) is now available for meeting managers/chairpersons. - Voting management (open/close/accept/reject voting) is now available for meeting managers/chairpersons. - Company and legal information is updated on Participant application. - Fixed sometimes participant app cannot communicate with server due to App Gateway cannot register the announcement service. - Fixed opening settings page causes android navigation bar to show .

Release	Release Date	Release Comments
		- Fixed when Participant App is minimized and reopened, video feed and agenda sometimes does not load. - Fixed logged in user shows DICENTIS icon instead of user profile icon. Media Gateway - Enables image (.png) and video (.mp4) files to be used as inputs in DICENTIS (only in advanced mode). - Enables captioning information received from the API to be displayed as overlays on media gateway video output. (only in advanced mode). - Company and legal information is updated on Media Gateway configurator interface. - Fixed Media Gateway crashes while calculating a suitable seat to camera mapping set especially for quad views. - Fixed PTZ control on Lumens VC-A61PN/VC-A71 camera is not working. - Fixed Panasonic camera (aw-ue30) is not working. - Fixed Panasonic video stream not recognized without username & password (if user authentication is enabled). This release includes: - Integrus 5.12 Please refer to the INT-TXO release notes for more information. Hybrid meetings 1.12.7 Please refer to the Hybrid release notes for more information.
6.71.35	2025-12-09	Improvements: DICENTIS - Fixed issue that Dante language is sometimes not audible on DCNM-MMD2 headphones. - Fixed issue that the microphone sensitivity page is not present in Synoptic control if the system is only registered. - Fixed performance issue with DCNM-FBD2 devices in systems with ARNI. - Fixed issue with “Object disposed” notifications in logging. - DICENTIS wireless devices in DICENTIS Controlled mode: Fixed priority tone behavior sounding strange in larger systems. Participant App - Fixed issue that Participant app gateway is consuming processor load while it is not used causing performance issues (e.g. unable to activate meetings). Media Gateway - Improved, reduced, Video latency of the DCNM-IDESKVID in combination with MediaGateway to comply with ISO 20109:2025. This release includes: - Integrus 5.11 Please refer to the INT-TXO release notes for more information. - Hybrid meetings 1.11.13 Please refer to the Hybrid release notes for more information.
6.70.1009	2025-10-28	Improvements: DICENTIS - Individual output of flush participant devices (DCNM-FBD2) can be routed as Dante source to external system. Requires DCNM-LDANTE license per device. Note: enabling this reduces the functionality of the DCNM-FBD2 to only support panels connected to side 1. - Increased security by means of pairing devices via system specific username and passphrase.

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		- Increased security by having a unique audio encryption key per meeting. - Security improvements for DCNM-IDESK software. Please note that after upgrading the DCNM-IDESK to 6.70 or higher it can no longer be downgraded to a version before 6.70. In case downgrade is required, please contact ASA. - Support for displaying meeting notes which exceed the 2MB file size. - Updated DCNM-RENTAL: support for Hybrid meetings, participant based structure, multiple DCNM-RENTAL licenses can be added together to increase system size. - Mediagateway is the new camera control, replacing the previous DCNM-LCC based camera control and DCNM-LMS media sharing. - Fixed Synoptic crashes when right click on participant select chat option. - Improved Papp registration settings in Meeting application. - Synoptic layout now also support right alignment for right-to-left languages (e.g. Arabic, Hebrew). - Fixed restarting services causes the Synoptic control, Conference protocol and Media Gateway webpage to not function properly. - Fixed icons on Synoptic page blink (page refreshes) when an API-client connects. - Fixed issue to unassign multiple devices from 1 seat. - Fixed issue that DCNM-Dx loses request to speak when it renamed and Dante is enabled. - Fixed issue that Multimedia device and meeting application options are not saved. - Fixed issue that some participants are not able to vote or select language with meetings which automatically start. - Fixed issue with Interpreter control Synoptic due to odd characters in password. - Fixed issue with installing Meeting Application on client PC. - Fixed issue that after renaming a seat with Dante enabled that identification, voting and language selection stops functioning. - Fixed behavior that DICENTIS wireless discussion devices disconnect when more than 20 wireless discussion devices are connected and operation mode DICENTIS Controlled is selected on the DCN-WAP. DCN-WAP requires 2.11 software and the DICENTIS server requires DICENTIS 6.70 software for proper operation. - Support for DCNM-DE HW02/02. - Updated Dante Gateway firmware in Firmware upload tool to 2025.0708.1246. - Fixed after updating a system with remote database the services do not connect to the database. - Fixed that the speakers list of the DCNM-WDE is empty when more than 20 participants are in the queue by only showing the top 20 of the list and queue. Participant App - Screen sharing is now available in participant app. Participants can share their tablet screens with other participant for better communication. - Discussion management (managing speaker list, adjusting speech timers, summoning chime) is now available for meeting managers/chairpersons. - Participant app is now in Fullscreen mode. - Participant app is now available for DCNM-RENTAL license. - Fixed old version number is displayed on papp installation page. - Fixed app gateway sometimes cannot register discovery service.

Release	Release Date	Release Comments
		• Fixed priority button is not working for long hold. • Fixed App sometimes show connection refused (whitescreen) when launched. • Fixed app restart button does not fully recover the meeting state. • Fixed linking device is not working properly. Media Gateway • Media Gateway now support Black Magic ATEM M/E Constellation video switcher. • Media Gateway is now available for all registered systems. It runs on simple or advanced mode based on the available license model (see configuration manual for more details). • Media Gateway is now available in advance mode for DCNM-RENTAL. • Fixed when presentation disabled with no presentation source, video clients switch back to video stream with a significant delay. • Fixed ONVIF reference link is not working for AVONIC cameras. • Fixed PTZ control on Lumens VC TR40 camera is not working when it is added from ONVIF discovery. • Fixed some ONVIF camera models do not go to some PTZ presets. • Fixed Removing input changes input in seat map, canvas and switcher configuration. This release includes: • Integrus 5.11 Please refer to the INT-TXO release notes for more information. • Hybrid meetings 1.11.12 Please refer to the Hybrid release notes for more information.

Release	Release Date	Release Comments
6.60.661	2025-07-31	Improvements: DICENTIS • Voting on a Flush device is extended with fraud prevention: 2 buttons need to be kept pressed until the voting round is closed. • DICENTIS wireless devices can be mixed in a system with DICENTIS wired devices. Requires Wireless 2.10 software. • Support for Microsoft Windows Server 2025. • API-devices can have its own device type instead of the standard Meeting Application device type. • Support for DCNM-DE, DCNM-DVT, DCNM-DSL, DCNM-D devices with hardware HW02/00. • Support for DCNM-IDEK and DCNM-IDEKVID with hardware HW02/00. • Fixed Lithuanian For/Abstain translations in Synoptic control. • Fixed displaying previous voting results on Synoptic when interim results were disabled. • Fixed API demonstrator behavior of showing incorrect device names after renaming seats. • Improved websocket closing behavior of Conference protocol. • Fixed voting button behavior of DCNM-MMD when the button is pressed upon closing of the voting round. • Fixed issue which caused that MMD custom applications did not work on DICENTIS 6.50 (but they did work on previous versions). • Fixed behavior of Webclient-seat not having power off & volume. • Fixed folder location of APIdemonstrator.exe in Tools directory. • Improved Dante headroom behavior for incorrect settings. • URL in the Activation tool updated to Keenfinity activation site. Participant App • Fixed registration, video and speaker list are not displayed due to the wrong NIC selection for multicast messages. • Application Gateway is now displayed as “Application Gateway” in the device configuration screen in the meeting application. • Various accessibility issues are resolved. • Fixed automatic pairing does not always work correctly when changing assigned seats. Media Gateway • New option: “Forwarding Streams”, no processing, but forwarding: lowest latency & original video quality for use on systems without GPU like virtual machines. • Number fields are saved using spinner buttons. • Fixed camera idle position cannot be set above 100 in Media Gateway configurator. • Fixed the reference links from the old configuration are not listed in discovered ONVIF devices. • User is logged out after expiration of timeout. • Media Gateway is now displayed as “Media Gateway” in the device configuration screen in the meeting application. • Improved video quality on DCNM-IDEKVID. • Media gateway only shows the floor as transmitter in Dante controller. This release includes: • Integrus 5.11 Please refer to the INT-TXO release notes for more information. • Hybrid meetings 1.10.8 Please refer to the Hybrid release notes for more information.

Release	Release Date	Release Comments
6.50.316	2025-03-28	Improvements: DICENTIS • DICENTIS Hybrid meetings with (only) DICENTIS Wireless devices. • Individual output of table top participant devices can be routed as Dante source to external system. Requires DCNM-LDANTE license per device. • Support for CAP 10. • Fixed DICENTIS services restarting due to Port exhaustion. • Fixed issue of not being able to make TCP-connection (remote desktop) due to Port exhaustion. • Improved audio behavior of microphones so that always 1 audio channel is active when a microphone is open. • Improved audio behavior of microphones to prevent a plop on the Interpreter headphone. • Integrated latest ARNI software for security improvements. Note this software only supports the ARNI G2 version. For the ARNI G1 the software in the Tools directory has to be used, but this software does not include the security improvements. • Fixed: Synoptic does not work due to issue with Interpreter desk configuration. • Fixed: Conference protocol notifies getSystemPowermode upon activating and de-activating meetings. • Improved: Synoptic uses browser language for UI-language. • Fixed meters to feet conversion in Power calculation tool. Participant App • Fixed mute button is not available when there is no active meeting. • Added new GUI languages as below: Burmese, Catalan, Chinese simplified China, Chinese Traditional, Taiwan, Croatian, Hebrew, Japanese, Korean, Lao, Russian, Slovak, Turkish, Ukrainian, Uzbek, Vietnamese. Media gateway • Fixed reference link is not working for AVONIC cameras . • Fixed XSS vulnerability on the configuration webpage. • Fixed app crash while running behind a proxy when a remote participants join the web meeting. This release includes: • Integrus 5.10 Please refer to the INT-TXO release notes for more information. • Hybrid meetings 1.9.2 Please refer to the Hybrid release notes for more information.

Release	Release Date	Release Comments
6.40.33	2025-02-27	Improvements: DICENTIS • Server console is extended with a tool to gather all logging/configuration information for support and analyses: Logging collector. • Removed the auto-admin login functionality on the Meeting application for security reasons. • Improved behavior of Activation Tool when the same license is uploaded. • Fixed restarting of services due to changed behavior of Windows performance counters. • Fixed behavior that some Multimedia devices are not able to vote. • Fixed group results in meeting report. • Improved power on behavior of Multimedia devices. • Improved power on behavior of Discussion devices in a system with redundant cabling (RSTP). • Changed Lithuanian voting option: Susilaikyti to Susilaikė • Fixed voting timer in synoptic. It now stops at 00:00 and not - 00:01. • Fixed closing agenda item causes deactivating of meeting. • Fixed: Carriage return is now displayed in description of Meeting, Agenda and Voting on Synoptic. Participant App • Hide linked Participant apps in the Meeting Application Seats and devices page. • Participant app can be downloadable from the Google Play store. • Fixed linked devices logout when discussion mode changes. • Fixed voting timer does not show negative values. • Fixed displayed error message when DICENTIS server restarts. • Fixed keyboard shows up automatically when meeting started. • Fixed newly registered devices are not displayed on the registered devices list automatically. • Fixed that app does not support reverse landscape orientation. Media gateway • Possible to have a media gateway configuration without any video source for Virtual Machine compatibility. • Auto discover and add ONVIF devices as input. • Provided option to add delay for camera switching cases for camera movement duration. • Fixed some devices cannot display h265 encoded video. • Fixed unable to serve video feed of DataVideo PTC-285 camera. • Fixed camera overrider parameters does not register. • Fixed not sending correct switch message to TvOne switcher. This release includes: • Integrus 5.00 Please refer to the INT-TXO release notes for more information. • Hybrid meetings 1.8.10 Please refer to the Hybrid release notes for more information.

Release	Release Date	Release Comments
6.31.45	2024-12-20	Improvements: • Synoptic overview is not opening on a system which is only Registered. • DICENTIS Hybrid meetings 1.7.15 included. Participant App • Fixed an issue where sometimes app shows error message when "Start Meeting When Opening the Application" is enabled. Media gateway • Fixed "Picture in Picture" is not working on 6.30. • Fixed logging issue when Kramer switch is configured in the config file. • Fixed "MV-6 Kramer SDI switch" blinking issue.

6.30.13	2024-11-27	Added functionality: Participant app • First release of android based Participant app with • Identification: Username/Password/PIN • Present and absent participant lists • Cast votes and see voting results • Discussion ○ Speaker and request list ○ Microphone on/off button or request-to-speak button. (activates the mic on the assigned DICENTIS device) ○ Indicators showing: microphone on, request-to-speak, and possible-to-speak states. (synced with the devices assigned to the same seat) • View Agenda items and attached documents • Display Live video (e.g. Video streams of active speakers, room overview or shared content) • Fixed seat assignment support • Bring your own device support • Participant App Installation page is added to Synoptic control. • Participant App management/registration page is added to Meeting Application DICENTIS Hybrid meetings • Participants can chat with operator e.g. to get support. Media gateway • H265 video encoding/decoding support for input and output streams • Added support for “TVOne C2-6204” Video switcher Improvements: • DICENTIS Webserver has shortcuts to Mediagateway page when logged in with Configure system rights. • Server console gives notification to restart the services after changes to the license. • Fixed translation of automatic answer option upon closing the voting round. • Fixed issue where Android apk reports seat ID as: 00000000-0000-0000-0000-000000000000. • Fixed issue that Synoptic automatically switches back to Discus view upon login of participant when automatic switching is disabled. • Fixed exception in device service when DCNM-FBD2 and DCNM-MMD are assigned to the same seat. • Updated FlexNet Publisher (FNP) to 11.19.6.0 (2024 R1). • Fixed issue audio issue (DCA) with devices used by 2 participants. • Fixed user without config rights cannot login in Meeting application (introduced in 6.20, fixed in 6.30). • Fixed Voice mode does not function in a Registered system without additional licenses. • Fixed OMNEO Floor audio missing to Dantegateway in a system without languages. Media gateway • Improved video performance. • Show no signal icon when the local source is not available. • When stopping remote presentation, local presentation is no longer displayed. • Added importable example configurations.
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Release	Release Date	Release Comments
		• Added option to disable/enable auto sync of seats. • Fixed de camera angle problem for mixed local and remote speakers. • Fixed de overlapping avatar images issue. • Fixed flickering problem in cameo streams . • Canvases and contents are no longer selectable for Local presentation source.
6.22.56	2024-11-07	INT-TXO Fixes and improvements: • Fixed issue where receiver does not show antenna symbol and audio is lost. • Fixed issue that microphone on/off on Interpreter desk causes short mute on the floor audio. • Fixed issue with pilot tone. The Pilot tone is used to calibrate the cable length to align the audio levels. • Improved user interface, Audio configuration and Carrier management page are hidden when the operation mode is Slave. • Improved user interface, dashboard shows information when no radiators are detected. • Improved user interface, RSTP state is reported and system information is re-organized. • Improved user interface, removed Test tone button for user with Operator rights. • Improved user interface, removed reboot button for user with Operator rights. • Improved user interface, Test tone reboot button is removed when auxiliary mode is active. • Improved user interface, reboot button is removed when auxiliary mode is active. • Improved user interface, added information to logging options. • Improved licensing, added validity check for the activation ID to prevent creating invalid licenses. • Improved translations. Improvements: • DICENTIS Hybrid meetings 1.7.14 included
6.21.34	2024-09-05	Improvements: • Fixed issue with DCNM-CRN where the number of participants to a meeting was limited to 100. Corrected it to 1500.

Release	Release Date	Release Comments
6.20.27	2024-08-06	Added functionality: Synoptic control - Meeting and agenda control added to Synoptic control. - Presentation control for Premium and Ultimate licenses added to Synoptic control. - Voting control added to Synoptic control. Meeting application - Create a meeting with participants which starts automatically, with a single button click. DCNM-CRN - DCNM-CRN is changed from seat based to (1500) participant based to enable Hybrid meetings in released countries. INT-TXO - New web based user interface for configuration. - Integrus can be used with Dante sources in Manually controlled mode. - Integrus can be used with a combination of DICENTIS and Dante sources in Manually controlled mode. - Analog Aux input can be routed to all transmitted channels via contact input. Improvements: - Fixed issue where the DCMN-FBD2 can give “crackling sound” and occasionally not recover during a meeting. - Fixed issue that Multimedia device (DCNM-MMD2) becomes slow during voting rounds when a URL is added to the voting round. - Updated the NuGet packages to solve potential security issues. - Improved feedback upon importing persons in Meeting Application. - Improved behavior of deleting empty seats. - Fixed issue where Meeting application shows different quantity of licenses than Activation tool. - Fixed majority expression validation in languages other than English. - Fixed issue in Conference protocol and Synoptic control that that old Booth and Desks are present when new database with different Booth ID’s and Desk IDs are imported. This is represented as multiple booths or desks with the same number. - Improved logging of DCMN-MMD; not supported and not relevant messages are not logged to prevent confusion. - Fixed issue with changing discussion settings via a Multimedia device on a system with DCMN-RENTAL license. Media gateway - Improve level difference between floor and languages for remotes - Improve resource consumption when canvases and cameras are not used - Fixed “TVOne Corio Matrix C3-340” control problem issue - Fixed UDP-Multicast problem - Fixed frozen mosaic video for remote participants - Stability improvements on media gateway

Release	Release Date	Release Comments
6.11.37	2024-03-29	Added functionality: Media gateway - Media gateway can be configured using a webpage (<a href="https://<server-ip>:31416/mediagateway">https://<server-ip>:31416/mediagateway) - Media gateway configuration file location changed to C:\ProgramData\Bosch\DICENTIS\MediaGateway\ DICENTIS Hybrid meetings - Interpreted language selection for remote participants. Improvements: - Fixed issue with discussion setting Multimedia device and meeting application options for DCNM-CRN and DCNM-RENTAL license. - Fixed issue that system is operational, but Server console shows waiting for connection. - Fixed issue that seats are removed from Synoptic control when Synoptic control is in configuration mode and a meeting is activated or seats are renamed or deleted. - Fixed issue that Lithuanian UI-language was missing on Multimedia device and displayed incorrectly on Discussion device with touchscreen. - Changed Abstain in Spanish to Abstención on the Multimedia device - Fixed issue with opening documents on Multimedia device. - Fixed missing MMD Android-API information and files in the Tools directory.

Release	Release Date	Release Comments
6.10.12309	2024-02-07	Added functionality: Voting - Voting can be configured to enable/disable changing the vote after casting. - Voting answer set A-B, A-B-C, A-B-C-D added. - Voting can be configured to automatically cast a preconfigured vote (e.g. Abstain) for all present participants that did not cast a vote when the voting round is closed. DICENTIS webserver, synoptic control - Discussion management via right mouse click. Add speakers queue, remove from speakers queue, add to responders queue, remove from speakers queue. - Microphone sensitivity can be controlled via Synoptic (and .NET API and Conference protocol). DICENTIS - Database management: import, export, delete, create new via the server console. - Lithuanian UI language for Meeting application, Synoptic, Multimedia device and Discussion device with touchscreen. - Extended the languages of the installer application so that it matches the Meeting application. Improvements: - Fixed quantities of multiple DCNM-LDANTE activation IDs are summed up. - Fixed log off functionality on DCNM-DE in combination with identification via 3rd party system. - Fixed DCNM-DE shows DICENTIS logo screen with identification via 3rd party system. - Fixed Registered system with DCNM-LDANTE licenses does not operate, no devices are discovered. - Fixed microphone remains open when a participant without discuss rights logs off while the microphone is open. - Fixed fingerprint middleware does not start if middleware configuration file is updated while middleware is stopped. - Removed Presentation source dialog in Meeting application for new premium and Ultimate feature packages. - Added Dante input numbers in Meeting application for processed and unprocessed languages. - Fixed issue where the Dante licenses were not added together. - Removed “unknown plugin” messages from logviewer logfile. - Fixed refresh behavior of Synoptic to prevent that a clean browser cache needs to be done. - Added AKG K15 interpreter headphone and renamed Sennheiser HD3000 to HD300. - Fixed issues with discussion settings (speech timer, response mode) when the system is both Registered as well as having a DCNM-RENTAL license.
6.01.36674	2023-12-01	Improvements: Fixed issue for the Integrus receiver not receiving audio anymore after removing and inserting the headphones or turning it off and on. This issue was introduced in version 5.00 and fixed in 6.01.

Release	Release Date	Release Comments
6.00.36472	2023-11-09	Added functionality: DICENTIS • Support for Hybrid meetings in DICENTIS Conference System. Licensing • DICENTIS system needs to be registered before licenses can be added. Licenses are added and removed via the Activation site. Improvements: • Selecting “Secret voting” presets button sets the Store results to Only totals. • Modified the Activation tool. Registering the system is done via the Activation tool. Adding licenses / Activation IDs is done via the Activation site • Remote participants can login regardless of the identification settings. One exception: When no identification is configured and a participant is assigned to a seat in the room, then he cannot login from remote. • Only the video switching software, included in the Premium and Ultimate licenses, restarts when an error occurs instead of all DICENTIS services. • Activation tool shows progress indicator for online registration and refresh. • Activation tool shows progress for offline processing of license files. • Participants preferred headphone language is selected on DCNM-FSL.

Release	Release Date	Release Comments
5.10.35949	2023-09-29	Added functionality: DICENTIS • DCNM-MMD2 with hardware version 03/00 supported. This Multimedia device does not have a camera. Interpreting • Added B&O A8, Creative Aurvana Air, Sennheiser HD300, Sennheiser HD2.10, Shure IH6500 headphones to the interpreter desk headphone selection • Notification on interpreter desk when headphones with no protection are selected. • DICENTIS webserver, Synoptic shows which headphones are selected on an interpreter desk. • Meeting notes xml file logs which headphones are selected on which Booth/desk. • Interpreter can select on the interpreter desk if the headset microphone is automatically selected upon connecting a headset. • Headphone selection screen stays open after inserting headphones so that the interpreter can select the correct headphones. In previous versions it closed after 5 seconds. • Enable configuration from desk (B – B) can be disabled (requires Ultimate package). When disabled, then B – B will (only) show system information and set display brightness. • The list of headphones out of which the interpreter can select can be configured (requires Ultimate package). Identification • Support of Suprema BioStar 2.9.3.26 software for use of Suprema biometric readers for identification. Improvements: • Fixed issue where DCNM-FBD2 without any connected CAN-bus panels goes through reset after a period of time. • Reduced file size of previous software images so that they can be downloaded from the software site. • Fixed issue with Integrus (INT-TXO) in a setup with 6 languages where language 5 is also distributed on language 1. • Fixed issue with licensing the Integrus (INT-TXO) when special, non-ASCII characters are used for customer information. • Fixed voting column is displayed on the Seats and devices page when DCNM-DVT devices are connected and the system is only Registered. • Fixed issue that language selection on participant devices does not function in the default meeting when the system is both Registered as well as having a DCNM-LSYS license. • Fixed issues with discussion settings when the system is both Registered as well as having a DCNM-LSYS or DCNM-RENTAL or DCNM-CRN license. • Fixed issue that you cannot import persons after you: first import persons, then delete all the persons and then import the persons again. • Prepare agenda added to API demonstrator and documentation. • Extended API documentation with information about “attributes”. Devices report to the services which “attributes” they have so that functionality (e.g. power on, volume control, voting, identification) can be shown or hidden on the Meeting application. E.g. a 3rd party application wanting to control the volume should notify that it has the volume control attribute. • Shortcut to Conference Protocol demonstrator via DICENTIS webserver when log in with Configure system rights. • DCNM-RENTAL license increased to 300 DCNM-LSSL, 300 DCNM-LSID, 300 DCNM-DCNM-LSVT and 150 DCNM-LSDU.

Release	Release Date	Release Comments
5.00.35160	2023-07-14	Added functionality: DICENTIS - New participant based license structure implemented. - Discuss functionality with camera control does not require a license, but does require registering the system using the Activation Tool. No licenses required. Do not enter an activation ID and press the register button. - Premium functionality becomes available upon activating Premium licenses. 1 license per participant required. - Ultimate functionality becomes available upon activating Ultimate licenses. 1 license per participant required. - DCNM-DEMO license updated to reflect participant based structure. DCNM-DEMO provides Ultimate functionality for 6 participants. - New video switching functionality implemented for Premium and Ultimate licenses. It provides SDI-video switching and software video switching. The software video switching enables multiple cameras in 1 view. Instruction is part of this release notes. - Flush base device is set to dual use when 2 microphone buttons are connected to the same side. Improvements: - Speechtime of speaking participant is reduced with 20 seconds when the participant settings are changed. - Prevent activating of incorrect combinations of licenses. The 4.10 Activation site filters out incorrect combination when you use the Add licenses functionality on the Manage devices page to add licenses to a system. - New audio mode for Dante Input 2 / output 2 added. Mix - Minus unprocessed: only for Dante In 2 / Out 2. When selected it increases the input delay to 15m seconds and inserts the Dante audio after the local acoustical feedback suppression, to improve the audio when the system is used for hybrid meetings. - Fingerprint middleware is removed from Tools directory as it interfaces with BioStar 1.x software which is no longer supported by Suprema. - Fixed behavior that using the right mouse control in Synoptic for Interpreter desks looked strange; the languages were presented like URL's.
4.41.34871	2023-06-20	Improvements: - DCNM-DE with hardware version 01/04 requires DICENTIS Software 4.41 or higher. - Headset microphone of HDP-IHDS is not always detected.

Release	Release Date	Release Comments
4.40.34349	2023-05-10	Added functionality: DICENTIS Flush - DICENTIS Flush panel for voting, DCNM-FVP, supported. DCNM-LSVT is required per seat - DICENTIS Flush panel for identification, DCNM-FIDP, supported. DCNM-LSID is required per seat. - DICENTIS Flush panel for language selection, DCNM-FSLP, supported. DCNM-LSSL is required per seat. - DICENTIS Flush panel for audio interface, DCNM-FAI, supported. Improvements: - New Flexera embedded license technology, FNE, supported. - Set a meeting to automatically activate (start) upon starting of the Server PC or using the (system) Power on command on Meeting Application, Synoptic control or API and Conference Protocol. - Fixed the logout time in the meeting notes. - Fixed that Apply screenline clears the speakers from the speakerslist on Meeting Application, DCNM-DE and DCNM-MMD. - Added functionality to automatically activate a meeting upon power up of the system. - Updated Nuget packages. - Increased Dante input latency to 4ms to improve interoperability with DVS (Dante Virtual Soundcard). - DCNM-CRN and DCNM-RENTAL licenses are extended with DCNM-LIMS license. - Fixed passwords over 20 characters are not accepted for DICENTIS Webserver. New maximum length is 50 characters. - Removed user Synoptic for Conference Protocol, DICENTIS Webserver from database for security reasons. The username and password is configure in this file (C:\ProgramData\Bosch\DICENTIS\API\Conference_Protocol_user.jsonc) on the Server PC. For security purposes limit the access to the Server PC and change the default password of the server PC.
4.30.33085	2023-02-20	Added functionality: Discuss DICENTIS Flush devices DCNM-FBD2 supported.

Release	Release Date	Release Comments
4.20.33007	2023-02-11	Added functionality: Interpreting, language distributing • INT-TXO Integrus OMNEO supported for wireless language distribution via infrared DICENTIS webserver • Using synoptic for hall display purposes: • Log in without requiring username & password • Bypassing the home screen • Full screen, hiding top and bottom navigation bars • Selecting a layout upon starting. Improvements: • Conference protocol: Speech timer added. • Conference protocol: Meeting and agenda control added. • Conference protocol: Voting control added. • History page added to API documentation. • Certificate manager updated to prevent same file name for Root and Server certificate. • Room audio settings and indicators improved. • Improved readability of speaker names in meeting application, manage meeting. • Fixed behavior of unknown participant in the voting results due to immediate log off of a participant after casting a vote. • Fixed issues with inserting Dante audio into DICENTIS language channel. • Fixed Japanese Yes/No translations in Meeting Application and Multimedia device. • Updated Nuget packages.
4.12.30606	2022-07-29	Improvements: • Fixed that the microphone is muted when both speakers, on a Discussion device in dual use, were speaking and 1 of them stops speaking.
4.11.30403	2022-07-01	Improvements: • Fixed that the unprocessed audio of the interpreter is not muted when the interpreter presses the mute button. Unprocessed audio is intended to be processed by external systems. • Improved firmware upload of DCNM-D, DCNM-DSL, DCNM-DVT, DCNM-DE and DCNM-FSL in multi subnet systems.

Release	Release Date	Release Comments
4.10.30149	2022-06-01	Added functionality: Voting • Support for voting for visual impaired participants. Improvements: • Windows Server 2022 supported. • Support of TLS1.3 (by default enabled) when DICENTIS is installed on a system with Microsoft Windows Server 2022. TLS1.2 is by default disabled on Microsoft Windows Server 2022. • Change over from SQL Server 2014 to SQL Server 2019 • Added large system blueprint using Cisco 9200L and Cisco CBS350. • Improved behavior of DCNM-FSL, DCNM-DSL, DCNM-DE in combination with Cisco 3560 switches: "wrong MAC address of multicast language streams". • Improved Cisco SG350 configuration file for small-medium systems: no audio with PoE powered devices due to IGMP messages. • Possibility to assign a room name to a system. • Possibility to add E-mail address to Persons. • Improved ONVIF camera discovery. • Fixed Camera & preposition view is incorrect for seats without devices. • Fixed create new meeting does not include all default meeting interpreter desk settings. • Fixed un assigning multiple interpreter desks does not work. • Improved Synoptic microphone control; Seat icons are always on top of other items like pie chart, bar graph and text items. • Changed deskType from number to text in Conference protocol. • Fixed Conference Protocol demonstrator cannot activate microphones. • Fixed continuous writing error "Exception in DiscoveryTimerElapsed. Is your network configuration set to 'public'?" in logfile.

Release	Release Date	Release Comments
4.00.29008	2021-12-20	Added functionality: Discuss - DICENTIS Flush devices supported: - DCNM-FBD Flush base device - DCNM-FMCP Flush microphone connection panel - DCNM-FMICB Flush microphone button - DCNM-FMPRIOB Flush priority button - DCNM-FLSP Flush loudspeaker panel - DICENTIS Flush base device can be used to: - Create 2 participant seats each with its own microphone - Create 2 chairperson seats each with its own microphone - Create 4 participant seats, where participants share the 2 microphones - Create a participant or chairperson seat with 2 microphones (e.g. Rostrum) - For language selection the DCNM-FSL can be assigned to the seat - Speaker queue can be configured from 0-200 to have an open mode (automatic) without a request list/queue. Interpreting - Interpreter can issue a Slow down or Speak slow request if the pace of the speaker is too fast. Requires DCNM-LIPM. - Assignable buttons (E-F-G) can be configured with the following functions to best suit the needs of the interpreter: Timer/clock, video/presentation, language overview, speak slow, headphone selection. Requires DCNM-LIPM. Voting - Answer sets extended with Yes/Abstain and For/Abstain. - Synoptic overview: show voted bar in bar chart. - Synoptic overview: display answer set with totals. Improvements: - Fingerprint middleware does not install on Spanish Operating System. - Improved Blueprints for Small & Medium and Large system. Available in DVD\Tools directory. - Present button also available for voting round in default meeting. - Improved video encoder support regarding encoder compatibility. - Fixed “no meeting notes and voting files are displayed” in DICENTIS webserver due to difference in date formatting between PC and browser. - Fixed 3 letter language abbreviation (ISO639-3) for Bosnian and Norwegian. - Preposition 0 can be used for overview camera preposition. If the camera supports preposition 0. - Fixed: Automatic seat assignment gets disabled after creating interpreter seats. - Phonecall and warning icon blink on the interpreter desk. - Meeting and agenda control added to API demonstrator.

Release	Release Date	Release Comments
3.70.27806	2021-07-03	Added functionality: Discuss - Speaker can be shown in voice mode to enable automatic camera control or send speaker information to external systems (e.g. for recording). Requires DCNM-LVAM. Scalability - System size is extended from 750 to 1500 devices. Improvements: - Updated Meeting Application Floor and language routing page to prevent routing DICENTIS I/O 1 and 2 to Dante gateway I/O 17-64. - Seat without participant cannot issue a request to speak in a meeting with participants. - API demonstrator cannot retrieve boothId and SeatId without only activate meeting rights. - Options in discussion settings are not getting applied when apply button is pressed. - No Floorfill when overriding a desk within the booth using a different language than the original desk interpreted on. - Conference protocol extended with voting timer information. - Participant using Meeting application sees the voting results according voting configuration. - Cannot install 3.51 or earlier on a Windows Server 2016 system after upgrading to 3.60 or later and removing it. The notification is cannot connect to SQL server. A tool is created to enable WeakCyphers so that older versions can be installed again. Run this tool prior to installing 3.51 or earlier. Check the Tools directory for EnableWeakCipher.bat and run it with admin / elevated user rights. - Improved installation process of ASP.NET on Windows Server 2016. - Improved Large system blueprint and extended with blueprint for Small & Medium system. Available in DVD\Tools directory.
3.61.27269	2021-04-28	Improvements: - Headphone volume knob behavior improved for interpreter desk. - Improved Large system blueprint added to DVD\Tools directory. 3.60 DCNM-SW manuals added to Docs directory.

Release	Release Date	Release Comments
3.60.26983	2021-03-15	Added functionality: Interpreting - Languages can be sourced from DICENTIS and Dante / OMNEO to enable relay interpretation from a local and remote source (DCNM-LIMS). - Support for DCNM-IDEKINT input out interface for phone ringing, alarm and booth in use light. - User interface languages: - Slovenian and Burmese UI language on Multimedia device, Discussion device with touchscreen, Meeting application and DICENTIS Webserver. DICENTIS Webserver / Synoptic Control - Display total voting results as pie-chart or bar graph. - Voting number, subject and description can be displayed. - Meeting subject and description can be displayed. - Agenda subject and description can be displayed. - Meeting notes and voting files can be viewed and printed via webserver. - Show if meeting notes and voting files are authentic. - Meeting notes and voting files use certificate technology for authentication. Conference Protocol - Majority information added to Adhoc voting round. - Version number added to Conference Protocol demonstrator. Security - Easy way to create and install secure certificates. - Meeting documents website is no longer installed by default. This website uses http which is less secure than https, therefore it is no longer installed by default. It can be installed by running DCNmMeetingDocuments.msi from the Installer directory. - Strict Transport Security enforced for webserver using HSTS. This requires Windows Server 2019 or 2016, because HSTS is not supported in the IIS of Windows Server 2012. - TLS1.2 supported and TLS1.0 disabled. - Obsolete participant images can be easily removed, check the hints & tips section of the DCNM-SW manual. Scalability - Large system blueprint added to DVD\Tools directory. Improvements: - Display Meeting notes & Voting results in Firefox, Chrome, Edge. - Participant Region information available in Voting and Meeting XML files and displayed via Voting and Meeting stylesheets. - Participant logout time is added to Meeting notes stylesheet. .Net API, extended with prepare meeting. .Net API, version added to UI of demonstrator. - Send to Dante works when the Source of the language is Dante. - HPD-IHDP (no pads) is the default interpreter headphone. - Multimedia device does not open documents. - Cannot login with NFC on Multimedia for NFC meeting. - Increased ONVIF discovery TTL from 1 to 3 to discover ONVIF cameras in connected to other switches. - DCNM-IDEKVID does not show video when connected to other VLAN than the DICENTIS server.
3.51.26670	2021-02-13	Added functionality: UI languages - Lao UI language on Multimedia device, Discussion device with touchscreen, Meeting application and Synoptic control. Improvements: - Meeting Application and API cannot connect from client PC.

Release	Release Date	Release Comments
3.50.25260	2020-09-03	Added functionality: Interpreting - Auto-relay, the Floor audio is automatically replace by the Auto-relay language when the Auto-relay booth starts interpreting on the B output language. Voting - Automatic Majority calculation. - Display that a vote is cast, but not the answer. - Automatic Quorum calculation Camera control - Support for Panasonic AW-UE-150 (video displayed on DCNM-MMD via special instruction from Panasonic). - Support for Lumens VC-A61P and Lumens VC-A71P. - Support for Sony BRC-X400. Conference Protocol - Extended participant information. - Show which seat is captured by the camera. - Show which participant image is displayed. - Show active voting round details (including ad hoc voting round). Other - New identification mode where the NFC card needs to stay in the reader range to remain logged in. DCNM-DE, DCNM-DSL, DCNM-DVT also supported in single user mode. - Windows Server 2019 is supported (Support for Windows Server 2012 is discontinued). - Change settings for multiple languages. Improvements: - Floor and language routing page is split into 2 tab-pages. - Support of non-ASCII characters in Activation Tool. - Synoptic and Image server did not function after upgrading to current version. - Unprocessed languages mapped to input 17 or higher of the OMN-DANTEGTW did not function properly.

Release	Release Date	Release Comments
3.40.24446	2020-06-03	• Added: Languages can be sent to OMNEO or Dante as unprocessed language with configurable headroom and optional floor filling. • Improved: Languages can be added and removed from meetings without the interpreter desk microphone switching off. • Added: Elapsed speech timer on the Interpretation desk. • Added: Interpretation desk A-B-C output control via Synoptic control. • Added: Bosch HDP-IHDS headset and HDP-IHDP headphones for hearing protection. • Added: Multiple layouts for Synoptic control. • Improved: User rights behavior in Synoptic. • Added: Ukrainian and Uzbek language to UI of Meeting Application, multimedia device, discussion device with touchscreen, synoptic control. • Added: Speech timer on Discussion device with touchscreen (DCNM-DE). • Added: Change settings for multiple participants and seats. • Added: New identification mode where the NFC card needs to stay in the reader range to remain logged in. Currently only for DCNM-MMD2. • Added: Control presentation via Conference protocol. • Added: who is seated where via Conference protocol. • Fixed: Conference Protocol does not show agenda item state correct. • Added: Support for Extron SMP 111 video encoder with these settings: Resolution: 1280x720, 30fps, GOP length: 30, Video Bitrate: 2500kbps, Rate Control: CBR, H.264: BASELINE, Profile level: 3.1 • Fixed: Discussion devices with touchscreen go through reset when the background image is missing/removed. • Fixed: No floor audio on multimedia device headphone in a system without languages. • Fixed: Values of voting results are cut off in bar graph on the Meeting Application. • Fixed: Voting results file is not stored when too many characters are entered in the number and subject field for ad hoc vote. Voting controls cannot be access when too many characters are entered in the description field for ad hoc vote.

Release	Release Date	Release Comments
3.30.23380	2020-01-31	• Flush language selector. • Added: Croatian language to UI of Meeting Application, multimedia device, discussion device with touchscreen, synoptic control. • Added: Conference protocol, developer documentation. • Added: Master volume control via Conference protocol. • Added: Meeting & agenda information via Conference protocol. • Added: Voting information via Conference protocol. • Changed: URL Conference Protocol Demonstrator to: <a href="https://<server>:31416/Demonstrator/ConferenceProtocolDemonstrator.html">https://<server>:31416/Demonstrator/ConferenceProtocolDemonstrator.html. • Added: OMNEO input & output 1 & 2 added for connecting to OMN-DANTEGTW so that it no longer re-uses the Dante input & output 1 & 2. • Added: Automatic selection of headset microphone of interpreter desk can be disabled (requires DCNM-LIPM) • Added: Headphone volume control via touchscreen of DCNM-DE device. • Added: Left and right microphone button can be configured to behave as 1 button. • Added: API demonstrator can be run from different LAN by adding /server <DICENTIS server> to the startup command, similar to what is available for the Meeting Application. • Added: The services do not start if the preferred network connector does not receive an IP-address (e.g. the cable is not connected). • Improved: Server console; services check if a valid license is available and the SQL connection is ok. Otherwise the service do not run. • Improved: in RSTP setup Discussion devices (DCNM-DE, DCNM-DSL, DCNM-DVT and DCNM-D) can disconnect and reconnect due to badly connected cables. • Fixed: Interpreter desk signal can clip when speaking very loud into the microphone. • Fixed: Synoptic is not refreshed, showing new functionality, after upgrade to new version. • Fixed: Synoptic opens wrong url (https://172.16.4.1:31416/signalr/hubs) after upgrade • Fixed: updated license system (Flexera publisher) to latest version to fix vulnerability risk • Fixed: DICENTIS services do not run properly after SQL security update. This is fixed with the improved services which stop when the SQL connection is lost and restart when it is available again. • Fixed: PRS-4OMI4 loses a language channels. Behavior was present in 3.20, but not in 3.11 and previous versions. • Fixed: Offline activation fails when using “strange” characters in the file name and file location.

Release	Release Date	Release Comments
3.20.22282	2019-09-26	- Extended: Response mode implemented. Requires DICENTIS multimedia device or DICENTIS discussion device with touch screen. - Extended: Conference protocol, websocket based interface, implemented with manage discuss and interpretation functionality to facilitate interfacing with non-windows devices. - Extended: DICENTIS automatically powers off after being idle for a pre-configured time to save energy. By default this function is disabled. - Extended: Estonian, Latvian & Serbian language to UI of Meeting Application, multimedia device, discussion device with touchscreen, synoptic control. - Extended: presentation stream can be always available in the system so that the Interpreter can always switch to it. Activate presentation mode, switches the multimedia devices to the presentation stream. - Extended: DOCENT analyses tool is part of the installation. - Extended: DeviceBrowser application available. - Extended: Voting xml filenames with reference number. - Extended: Speech time extended to 99 minutes. - Extended: Support for OMN-DANTEGTW Omneo Dante Gateway. - Extended: Support for DCNM-FSL DICENTIS flush language selector. - Extended: Display of DCNM-DSL language selector turns off when it is not used for 10 seconds. - Extended: Display of DCNM-DSL shows headphone volume level when it is changed. - Fixed: Cannot activate a meeting with a user defined language without abbreviation. - Fixed: tick box “dempen” overlaps in Dutch UI language. - Fixed: multimedia devices and interpreter desks show incorrect time due to Windows time service being active. - Fixed: Fingerprint middleware service does not recognize “finger only” as valid input. - Fixed: Fingerprint reader to DICENTIS seat mapping. - Extended: Biostar 1.93 supported. - Fixed: Welcome screen in Italian is not gender neutral, changed to “Benvenuto/a”. - Fixed: Abstain text in Hebrew. - Fixed: HeadphoneUiLanguage property name changed to HeadphoneLanguage. - Fixed: Attendance information not stored in Meeting notes when log in via external system. - Fixed: Preset / preposition number in browser and Meeting Application are not equal for Panasonic camera. - Fixed: Improvements on services.
3.11.21469	2019-06-17	- Extended: DICENTIS Conference System size is extended to 450 nodes before an ARNI is required. Please refer to DCNM-HW manual of 3.20 for more information. - Fixed: DICENTIS Dante streams disappear when removing disconnected Dante sources using Dante Controller. - Fixed: DICENTIS Dante streams not available after upgrade to 3.10, because Dante Virtual Device software is not upgraded to correct version. - Fixed: 3rd party MMD applications no longer work after upgrade to version 3.10.

Release	Release Date	Release Comments
3.10.21060	2019-05-01	- Extended: upto 100 DICENTIS interpreted languages can be sent to multicast Dante streams. Requires DCNM-LDANTE license. - Extended: upto 100 multicast Dante streams can be received by DICENTIS as interpreted languages. Requires DCNM-LDANTE license. - Fixed: Cannot export persons in Spanish, French, Italian, Polish, Portuguese (Brazilian), Russian, Slovak, Hungarian, due to too long names for Excel tab pages.
3.00.20482	2019-02-22	- Extended: DICENTIS portfolio is extended with DCNM-IDESK and DCNM-IDESKVID interpreter desks. - Extended: Interpretation can be configured using Meeting Application and API when system is licensed with DCNM-LIPM. - Extended: persons details with UI language to change the UI language of the DCNM-DE and DCNM-MMD2 upon login. - Extended: persons details with headphone language to change the headphone language of the DCNM-DSL, DCNM-DE and DCNM-MMD2 upon login. - Extended: OMNEO interface functionality to route interpreted languages from DICENTIS to DCN NG - Extended: RSTP can be enabled by setting it as an environment variable DCNM_RSTP_ENABLED - Extended: the RTSP-stream of an ONVIF camera can be copied so you can paste it in a player application for testing purposes - Fixed: User with prepare meetings can delete but not add persons. - Fixed: Voting column is not displayed on Seats & Devices page in a system with only DCNM-DVT devices and no DCNM-LSVT licenses. - Improved: RSTP behavior of DCNM-Dx devices. - Fixed: Panasonic camera will not connect properly. - Fixed: Panasonic camera cannot connect when authentication mode is enabled - Fixed: time drifts on multimedia device which it is powered on multiple days. - Fixed: Laptop cannot connect to 2nd Ethernet port of DCNM-Dx and DCNM-DCNM-IDESKx devices.
2.80.19734	2018-11-09	- Extended: Hebrew, Hungarian, Romanian and Traditional Chinese language to UI of Meeting Application, multimedia device, discussion device with touchscreen, synoptic control. - Extended: Synoptic control with add and remove seats. - Extended: Participant logged in on Meeting application can cast vote. - Extended: Dante inputs can be muted. - Extended: Licenses can be activated online. - Fixed: Sony SE-360SHE does not connect. - Fixed: Cannot export persons in Spanish UI. - Improved: connection behavior when using RSTP.

Release	Release Date	Release Comments
2.71.19040	2018-08-07	- Fixed: DICENTIS services do not startup properly if SQL database is not operational yet. - Improved support of ONVIF cameras. - Fixed: IP4000 and IP5000 cameras do not show video on Meeting Application. - Extended: Video of Panasonic AW-HE40SKE camera is displayed on MMD and MA. Configure H.264(2) H.264 transmission On Internet mode (over HTTP) On Image capture size 1280x720 Transmission priority Best effort Frame rate 25fps Max bit rate (per client) * Max 3072kbps - Min 1536kbps Image quality Motion priority Configure in MA: rtsp://<ip_address>/mediainput/h264/stream_2 - Fixed: dcnmdatabase.exe -b command does not make database backup when you do not specify the filename.
2.70.18617	2018-06-26	- Extended identification & verification with PIN for verification purposes (DCNM-MMD, DCNM-MMD2 and DCNM-DE). - Extended identification & verification with fixed and free seating. - Changed Identification in the API from device-based (AuthenticateParticipantAtDeviceAsync) to seat-based (AuthenticateParticipantAtSeatAsync). - Middleware, for interfacing with Suprema Biostar software, updated to work with new identification and verification settings. DICENTIS 2.7 requires middleware which is supplied with 2.7 DVD to work properly. - Extended meeting application with possibility to log of a single participants from the seat. - Extended API demonstrator with assign participants to meetings, IPrepareParticipants2. - Extended time to select an interpretation language on the MMD to 5 seconds. - Extended ONVIF support with username & password settings - Added support for Lumens VC-A50P camera. - Added support for Windows 2016 server. Support for Server 2008 is terminated. - Prevented recycle process of IIS to prevent that Synoptic control stops functioning. - Fixed: incorrect data is stored when a voting round is recalled. - Fixed: mismatch between API documentation and API demonstrator. - Fixed: voting results chart colors are black if you translate the answers in the stylesheet. - Fixed: Activation site does not accept diacritical characters. - Fixed: IP4000 and IP5000 cameras show video on Meeting Application and multimedia device. - Fixed: Seat results are shown in API demonstrator with (voting license) when the system has only DCNM-LSYS and DCNM-LVPM license. - Fixed: Maximum bandwidth setting implemented for participant pictures to prevent filling up the complete network in large systems.

Release	Release Date	Release Comments
2.60.17459	2018-02-07	- Extended voting with configuration of who can see the voting results during the voting round. - Extended configuration of showing/hiding queue for participants with VIP rights. - Participants can be imported from an XLS (Excel™) file in Meeting Application. - Fixed Discussion settings and speakerslist can be open simultaneously. - Extended time to select an interpretation language on the MMD to 5 seconds. - Improved behavior to clear queue and speakers by accident on the Meeting Application. - Fixed importing a pre 1.7 database with language distribution settings fails. - Fixed Panasonic AW-HE130KE does not connect to DICENTIS system. Note: the Panasonic AW-HE130KE needs to be in a separate VLAN, because it has difficulties with the multicast data. - Fixed back button behavior on the Meeting Application. - Removed reference to Xceed.wpf.toolkit in API demonstrator source code. - Fixed installation fails with error 1920 “insufficient privileges”. - Fixed IPPreparePerson.CreatePersonAsync does not return the created GUIDs. - Extended API demonstrator IControlParticipant with ParticipantId and SeatIdxed.
2.50.17011	2017-12-27	Not commercially released software version.
2.40.16360	2017-10-28	- Customer logo is shown on DCNM-DE device. - Vote weighing. - Transition from SQL2008 to SQL2014 - Changed interpretation configuration. Changes are now real time. - Fixed adjusting the speakers list, using meeting application, while the speakerslist changes can cause removal of all requests from the list. - Fixed individual results are not displayed on Synoptic Control due to removal of user synoptic. The user synoptic can no longer be deleted. - Fixed cannot scroll through languages on DCNM-DE the first time you open the list after power up of the system. - Fixed cannot unassign multiple participants. - Fixed displayed camera feed stays on when microphone is switched on and off fast. - Fixed all cameras are removed from external video switcher xml file when deleting a camera via Meeting Application.
2.31.15237	2017-06-15	Fixed 2.30 software does not install on non-US Operating System due to different names for the Admin user.

Release	Release Date	Release Comments
2.30.15173	2017-06-07	- Request list can be hidden on multimedia device and DCNM-DE. - Microphone LED and microphone button can be configured to not-blink for the first in the request list. - Navigation buttons are disabled on multimedia device when a voting round is active. - Extended voting with 100% settings (all authorized participants, all present participants with voting authorization, all participants who press present, all cast votes) - Support for the 10" flush mount multimedia device. - Extended API, API-documentation and API-demonstrator with enable/disable presentation mode - Fixed language distribution cannot be configured when only DCNM-DSL devices are present - Fixed Meeting Application cannot connect to System with ARNI after being idle 2 days. - Fixed conflicts with port 9530-9550. DICENTIS now uses these 2 fixed ports 13 (Dante) and 9710 (services), others are variable. - Fixed Chinese and Japanese fonts are not displayed in DCNM-DSL device in 2.2 software.
2.20.14487	2017-02-28	- Dante Floor input and output added. - Added speech timer functionality. - Panasonic SDI/IP cameras are supported via Panasonic CGI commands. - Sony SDI/IP cameras are supported via Sony CGI commands. - Improved usability of adding participants to the speakers list and queue during a meeting. - Improved usability of synoptic control; can now be accessed using <a href="http://<hostname pc>/SynopticControl">http://<hostname pc>/SynopticControl. - Fixed, camera does not move if display image or logo is configured. - Fixed cannot shift a request via synoptic control by selecting the microphone icon. - Fixed noise on APS analog outputs while it powers up. - Improved middleware software for interface to fingerprint readers. - Fixed, possible to create multiple users with the same username. - Fixed, too much diagnostic messages from NFC reader in logging file.
2.10.13715	2016-11-11	- Extended DICENTIS family with DICENTIS discussion device with voting and DICENTIS discussion device with language selection - Added displaying voting results to Synoptic Control. Webclient seat requires DCNM-LSVT license for this. - Added Power on/off to Synoptic Control. - Added illuminate device leds when moving the icon in the synoptic layout - Added support for Windows authentication when authentication with password is configured. - Added customer logo to login screen of multimedia device. - Added display participant image of active speaker on multimedia device. - Added attendance information to voting results XML. - Improved stability of Meeting Application. - Fixed cannot delete empty seats when they are used in a meeting. - Fixed installation fails when trying to install the software via index.htm. Please run the setup.exe.

Release	Release Date	Release Comments
2.01.13099	2016-09-19	- Fixed External SDI video switcher does not switch after upgrade to 2.0 (configuration file is not part of the upgrade process). - Fixed External Video Steam does not work after upgrade to 2.0 (configuration file is not part of the upgrade process). - Fixed Cancel request does not work in Open mode (without auto switch) and allow microphone is off. - Fixed Meeting Application stops working due to connection issues with server.
2.00.12812	2016-08-19	- Renamed DCN multimedia to DICENTIS. - Extended DICENTIS family with DICENTIS discussion Extended device and DICENTIS discussion basic device. - Added speakerslist, language selection, identification via NFC and confirmation on DICENTIS discussion Extended device. - Added web based synoptic microphone control. - Added participant pictures for multimedia device, meeting application and synoptic control. - Added renaming function for the seats. - Added customer logo in home screen and camera view. - Decreased video latency on multimedia device. Please refer to the manual on how to configure the settings. - Added configuration of system languages for interpretation. - Added Voting and Meeting Notes XML-files have the same storage location. - Updated the icons in the meeting application and multimedia device. - Fixed minor issues regarding voting and attendance registration. - Fixed Meeting Application and other API-clients disconnect from server. - Fixed participants microphone stays on when it turns it off in OPEN with allow microphone off mode. - Fixed interfacing with more than 99 fingerprint readers.
1.70.10710	2016-02-02	- Added attendance registration to prepared meetings. Absent present information is displayed in Meeting Application and MMD. - Added storing and displaying of meeting notes file which contains Meeting information, agenda items, present-absent information and all executed voting rounds. - Added Open voting with no interim results. - Added Vietnamese, Indonesian and Brazilian Portuguese to the MMD and Meeting Application UI language. - Added the possibility to run the Meeting Application from a different VLAN. - Added Windows 10 support for the Meeting Application. - Added headphone volume control and language selection to the MMD Android API. - Added MMD date and time format follows the server PC settings. - Fixed Additional video stream, configured via VideoStreamDeviceConfiguration.xml, does not work anymore - Fixed in a meeting with identification a seat without identification license (DCNM-LSID) and without a participant assigned to it is blocked. - Fixed in a meeting with identification a seat with voting license (DCNM-LSVT), but without identification license (DCNM-LSID) is not able to see voting results. - Improved the behavior of the audio when the audio input level of a microphone is too high. - Fixed minor issues regarding voting and identification.
1.61.9820	2015-11-13	- Fixed Omneo Media audio channels are sometimes swapped. - Fixed issue with touchscreen behavior.

Release	Release Date	Release Comments
1.60.9520	2015-10-04	- Added new identification method, external system, which enables connection to a 3rd party system for identification - Middleware application to interface with Bosch DCN multimedia and Bosch fingerprint reader software (BioStar 1.6); this makes use of the external identification method - Added new identification method, identification using NFC card, which requires the use of a DCNM-MMD2 (to be introduced later this year). - Improved usability of configuration of the cameras in DCN multimedia - Released Android API for custom build applications which integrate with DCN multimedia functionality - Fixed some defects in voting - Fixed some defects in activation website - Fixed access rights: Prepare Meeting and Agenda can now create persons - Improved upgrade of DCN multimedia devices - Fixed problem of losing interpreted languages after power cycling Omneo Media Interface multiple times - Fixed MeetingDocuments webserver is not installing in non-US language Operating systems
1.50.8700	2015-05-31	- Persons can be added to Groups - Groups results are available in API and voting results xml file - Voting rounds extended with: - Voting timer - Secret ballot (anonymous results) - Prevent influencing; cast vote is hidden and no individual intermediate results - Ad-Hoc voting functionality to create a voting round with name and description during a prepared meeting - PRS-4OMI4 supported for connection to DCN NG for interpreted languages when connected to DCN Next Generation - Added voice to the list of discussion modes for systems upto 50 multimedia devices - Dealers are informed by email that the Software Maintenance Agreement expires - New Think Free Office version 7 - Search bar for participants in the select from list identification usage on the multimedia device - Internet Information Server is by default installed - Fixed device not connect screen does not show link down - Fixed 3rd party apps disappear when the system language is changed - Improved firmware upgrade behavior - Changed the date format on the MMD from US to UK when English GUI language is selected - Fixed some defects in voting - Improved digital signal processing behavior of the DCNM-APS
1.42.8474	2015-04-08	Functionality implemented during 1.4 is translated into local languages
1.41.8194	2015-02-25	Solved issue with opening documents on the DCN multimedia device

Release	Release Date	Release Comments
1.40.8061	2015-01-31	• Voting preparation and management implemented (DCNM-LVPM) • TV One CORIOMatrix supported • Added Software maintenance agreement expiration messages to Activation tool and improved installer • Solved several issues regarding TV-One and Kramer MV-6 external video switchers • Improved identification • Solved DCN Next Generation does not receive the floor audio from DCN multimedia via the Omneo Media Interface
1.31.7498	2014-11-27	• Functionality implemented during 1.3 is translated into local languages • Solved translation mistakes in Russian translation • Solved Upgrading DCN multimedia system (including Bosch DCNM multimedia Ext.VideoSwitcher), fails • Solved several issues regarding TV-One and Kramer MV-6 external video switchers • Solved participant rights cannot be updated during a running meeting • Solved Meeting application starts without management rights because previous session has not exited properly • Solved unassigning and assigning participants to seats behavior upon disconnecting and reconnecting of DCN multimedia devices
1.30.6863	2014-10-02	• Added Language selection (seat license required) for interpreted languages when connected to DCN Next Generation • Added support for Kramer MV-6 video switch • Increased maximum number of open microphones from 10 to 25 • Support of all current Bosch Onvif cameras • Changed voting from seat based to participant based • Improved usability of ON/OFF toggles in configuration screen of Multimedia device • Solved temporary loss of speech • Solved problems on Equalizer page of the Meeting application • Solved problem of headphone volume control popping up after switching screens • Improved behavior of opening of documents on the Multimedia device • Improved sorting of seats and devices of the Meeting application • Improved DCNM-DEMO, DCNM-CRN, DCN-RENTAL licenses so that they can grow together with future system functionality • Improved performance of large systems (upto 750 seats) • Improved Ambient audio; ambient audio is not routed to DCN multimedia device loudspeaker
1.20.6092	2014-07-22	• Added Identification (seat license required) • Added For/Against/Abstain voting (seat license required) • Added support for short and long stem microphone. • Increased maximum system size to 750 devices • Added ambient microphone functionality (e.g. for DCN multimedia Webcasting) • Added support for Remote SQL server 2008 R2 • Rapid Spanning Tree Protocol (RSTP) support for redundant cabling of DCNM-MMDs
1.17.5730	2014-06-12	• Solved blocked welcome screen blocked in Russian language • Solved welcome screen does not react on language change • Solved power button visible without the rights

Release	Release Date	Release Comments
1.16.5521	2014-05-27	• New GUI items for Multimedia Devices, Meeting Application, Installer are translated in local language • Added Finnish and Arabic on the Multimedia Devices, Meeting Application, Installer • Corrected behavior of Granting speech to VIP or VIS • Solved reboot of DCN multimedia device when opening large files • Solved Activation Tool does not start on non-US Operating System • Solved Power Off button does not appear on Multimedia Device which has Power Off capabilities.
1.12.4325	2014-02-12	• Added welcome screen to show the name of the participant or seat • Added possibility to configure another presentation stream • Added possibility to configure other camera source than Bosch HD Conference Dome • Added support for Windows 8.0 Home, Windows 2008 Server R2 and Windows 2012 Server R2, 64 bit only • Added Copy meeting to the Meeting preparation application • Added Windows API • Added Repairing and Returning of licenses • Improved the URL linked to agenda's and agenda items • Added support for DCN multimedia Webcast application
1.00.1882	2013-10-23	• Initial version

2 Supported Operating Systems

Below overview lists the DICENTIS versions and Microsoft Operating Systems

DICENTIS	Windows Server 2025	Windows Server 2022	Windows Server 2019	Windows Server 2016	Windows Server 2012	Windows Server 2008	SQL Server
7.00.2013 6.82.43 6.81.34 6.80.1394	Yes	Yes	Not supported	Not supported	Not supported	Not supported	2025
6.71.35 6.70.1009 6.60.661	Yes	Yes	Not supported	Not supported	Not supported	Not supported	2019
6.50.316 6.40.33 6.31.45 6.30.13 6.22.56 6.21.34 6.20.27	Not supported	Yes	Yes	Not supported	Not supported	Not supported	2019
6.11.37 6.10.12309 6.01.36674 6.00.36472 5.10.35949 5.00.35160 4.41.34871 4.40.34349 4.30.33085 4.20.33007 4.12.30606 4.11.30403 4.10.30149	Not supported	Yes	Yes	Yes	Not supported	Not supported	2019

DICENTIS	Windows Server 2025	Windows Server 2022	Windows Server 2019	Windows Server 2016	Windows Server 2012	Windows Server 2008	SQL Server
4.00.29008 3.70.27806 3.61.27269 3.60.26983 3.51.26670 3.50.25260	Not supported	Not supported	Yes	Yes	Not supported	Not supported	2014
3.40.24446 3.30.23380 3.20.22282 3.11.21469 3.10.21060 3.00.20482 2.80.19734 2.71.19040 2.70.18617	Not supported	Not supported	Not supported	Yes	Yes	Not supported	2014
2.60.17459 2.50.17011 2.40.16360	Not supported	Not supported	Not supported	Not supported	Yes	Yes	2014
2.31.15237 2.30.15173 2.20.14487 2.10.13715 2.01.13099 2.00.12812 1.70.10710 1.61.9820 1.60.9520 1.50.8700 1.42.8474 1.41.8194 1.40.8061 1.31.7498 1.30.6863 1.20.6092 1.17.5730 1.16.5521 1.12.4325	Not supported	Not supported	Not supported	Not supported	Yes	Yes	2008

3 Hardware / software support

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

Device	Hardware version	Requires DICENTIS software
DCNM-MMFF	01/00	7.00 or newer
DCNM-MMDOCK	01/00	7.00 or newer
DCNM-DE	02/02	6.70 or newer
DCNM-IDESEK DCNM-IDESEKVID	02/00	6.60 or newer
DCNM-DE DCNM-DSL DCNM-DVT DCNM-D	02/00	6.60 or newer
DCNM-DE	01/04	4.41 or newer
DCNM-MMD2	03/00	5.10 or newer
DCNM-MMD2	02/00 01/01 (≥2021)	2.60 or newer

4 Known issues

4.1 DICENTIS Meeting application

Issue:

Setting secure connection for DCNM-FSL2 in string sometimes results in "incompatible settings".

Solution:

Use the reset button on the devices and power cycle the DCNM-FLS1/2

Issue:

Edit button is disabled in Configure Seats and devices. When Dual seat is enabled, the seat selection is losing the focus and because of this the Edit option is disabled, it shows the focus in the seat selection view, but it is not selected.

Solution:

Click on the seat again, Edit option will be enabled.

Issue:

When changing the Screen line definition and pressing apply the new screen line definition is applied immediately for all connected Seats, but in Prepare meetings \ Participants the old screen line definition is still shown.

Solution:

Restart the Meeting Application to see the new screen line definition.

Issue:

GUI language and headphone language are not imported when importing a 3.51 or earlier persons Excel (xls) in 3.60 or later version.

Solution:

The resource names for Device GUI Language and Headphone language have changed between 3.51 and 3.60. Replace the column headers with the headers of an export template and try again.

Issue:

When you run the Meeting Application via a remote desktop, then Meeting application may stop displaying the video after some time. The video is still present in the system and is still displayed on multimedia device, interpreter desks with video output and Meeting application not run via remote desktop. Stopping and starting the Meeting application brings back the video on the Meeting application.

Solution:

Run the meeting application on your computer and not via a remote desktop.

Issue:

In the Seats and Devices section of the Meeting Application, the counts for Voting, Identification, and Language Selection may not be updated correctly when the application is opened, and can appear as zero despite being configured.

Solution:

Toggle any of the following options: Voting, Identification, or Language Selection. The counts will then refresh and display the correct values.

Issue:

The automatic power-off functionality may not work as expected after upgrading to version 6.81, where devices do not power off after the configured idle time.

Solution:

Manually power off the devices when required.

If automatic power-off functionality is critical, it is recommended to use earlier DICENTIS versions such as 6.80 or 6.70, where this functionality operates as expected

4.2 DICENTIS Webserver, Synoptic Control

Issue:

Synoptic changes from voting view to discussion view when it is resized during a voting round.

Solution:

Manually switch to voting view after resizing.

Issue:

Synoptic Control does not work if the API is not installed on the DICENTIS server PC.

Solution:

Install the DICENTIS API on the DICENTIS server PC. The DICENTIS API is an option which is by default selected to be installed during installation of the software.

Issue:

Synoptic Control does not work when the website has two bindings. Server Error in '/' Application. Object reference not set to an instance of an object.

Solution:

Reboot the DICENTIS server after adding the additional bindings. If it then still occurs, press F5 in the browser multiple times when logging in.

Issue:

Synoptic does not show Namecard tile when the Synoptic is opened via Hostname
For example **Error! Hyperlink reference not valid.** It will not show the name card tile.

Solution:

Please synoptics using IP address like <https://172.16.4.1:31416> , the name card configurator will be shown.

4.3 DICENTIS Services restarting due to port exhaustion

Services restart due to port exhaustion when DOCENT is running continuously:

Services restart due to port exhaustion when DOCENT is running continuously:
DICENTIS 6.50 contains a fix for the port exhaustion issue in earlier versions. However a port exhaustion can still occur if the DOCENT tool is kept running continuously. This is visible in the Event viewer error with ID 4227.

Solution:

Do not run DOCENT continuously. Close DOCENT after the monitoring is complete to free up the tcp ports.

4.4 DICENTIS Server console

Server console icon not shown after re-installation

Sometimes the DICENTIS Service icon is not shown after a re-installation of the software. The system works correctly.

Solution:

Restart the computer.

4.5 DICENTIS Participant App

Issue:

Seats used by applications (hidden seats) are shown in the participant list for the meeting managers

Reason:

They are not filtered out yet from the participant app application list

Workaround:

Do not add these seats to the speaker list since they do not have any discussion device assigned

Issue:

The app does not connect to DICENTIS server (may show blank/white screen based on network configuration) when Wi-Fi is active

Reason:

Most of the tablets uses Wi-Fi as a primary network.

Workaround:

Change the priority of the networks to first connect to the wired network or disable all other network interfaces

Issue:

App gateway settings file (C:\Program Files (x86)\Bosch\DICENTIS

ParticipationApp\appsettings.json) is reset to default values when DICENTIS is uninstalled and installed.

Reason:

Uninstalling DICENTIS removes the settings files.

Workaround:

Take a copy of the appsettings.json before uninstalling DICENTIS and paste it after installing to keep your old settings.

Issue:

The participant app connection state is updated after 2 minutes in the participant app page in Meeting Application.

Reason:

The system waits the timeout period to make sure the connection is lost

Workaround:

Wait at least 2 minutes to see the device status after a connection to a participant app device is lost

Issue:

Participant app in DCNM-MMDOCK shows link user page after power cycle on the device.

Workaround:

Kill the participant app and relaunch again

Issue:

When services restarted in DICENTIS server, some of the Participant apps shows “something went wrong” error message.

Workaround:

Clicking on the “Restart” button the app recovers the device. For multiple devices, power cycling can be easier way to recover all of the devices

Issue:

Screen sharing from DCNM-MMFF, DCNM-MMDOCK and Participant Application is not available.

Issue:

Embedded browser in the DCNM-MMFF cannot play videos.

Issue:

Auto Pairing sometimes does not work when tablet with an Participant App is docked on MMDOCK

Reason:

The tablet sometime does not properly connect to the network.

Workaround:

Restart the tablet and make sure that the USB cable is plugged properly.

4.6 DICENTIS Certificate manager

Issue:

When you manually change the portnumber of the DcnmlImageServer or SynopticControl webservers, then the certificates created using the DICENTIS Certificate Manager will not be installed.

Solution:

1. Set the portnumbers of the DcnmlImageServer back to 31418
2. Set the SynopticControl back to 31416
3. Run the DICENTIS Certificate Manager tool
4. Set the portnumbers of the DcnmlImageServer and SynopticControl back your own values

4.7 Crestron

Issue:

Crestron wants to convert the DICENTIS machine certificate into an AES-256 certificate using OpenSSL. They require 3 files based on the Dicentis CA certificate: **private.key**, **certificate.pem**, **ca.pem**.

Workaround:

Check the information on the internet on how to export certificate in PEM format.

How-to-export-certificate-in-PEM-format-for-import-from-Windows?language=en_US

Issue:

Crestron does not support the TLS1.3 version which Microsoft Windows Server 2022 uses.

Workaround:

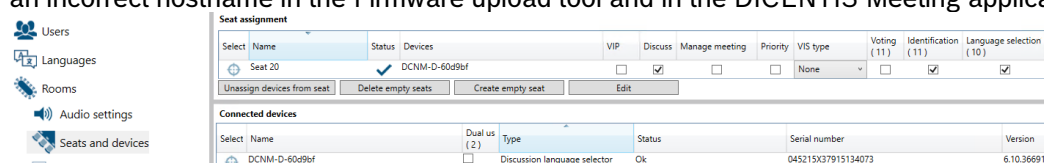
The webservises running the DICENTIS conference protocol can be set to Disable TLS1.3 over TCP.

1. Open IIS
2. Go to Sites \ DcnmSynopticControl
3. Edit bindings
4. Edit port 31416
5. Select "Disable TLS 1.3 over TCP.
6. Stop and Start the site DcnmSynopticControl

4.8 DCNM Devices

Issue:

DCNM-DSL, DCNM-DVT and DCNM-FSL devices produced during July – November 2023 show an incorrect hostname in the Firmware upload tool and in the DICENTIS Meeting application.

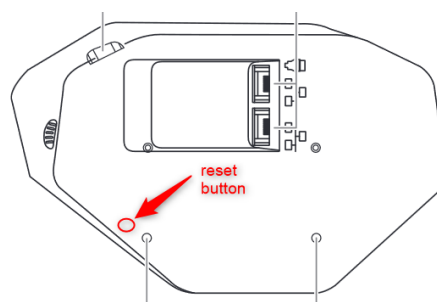


This incorrect (host)Name has no effect on the correct functioning of the device, because the device Type is correctly recognized by the software. The Meeting application screenshot below shows that the device is correctly recognized as a Discussion language selector (although the hostname is DCNM-D-xxxxxx)

Solution:

The hostname can be easily corrected. But this has to be done per device.

1. Reset the device to defaults by keeping the reset button pressed for 10 seconds while it is powered.
2. Power cycle the device. After the powercycle the device Name will be changed reflecting the type: DCNM-DSL-xxxxxx, DCNM-DVT-xxxxxx, DCNM-FSL-xxxxxx.

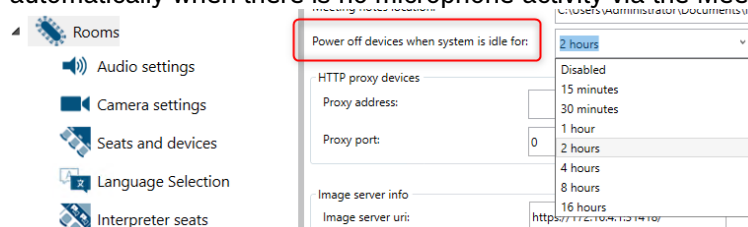


Issue:

After 2 months of being powered on the screen of the Multimedia device turns off, but the microphone and loudspeaker remain operational.

Solution:

Power off the Multimedia devices when they are not being used. This increases the lifetime of the devices and reduces power consumption. The system can be configured to power off automatically when there is no microphone activity via the Meeting Application



Issue:

The video of the camera is cropped on the left and right side on multimedia devices by design.

Solution:

Try to position the camera to center the room and participant so they are not cropped in MMD display. Configure your overlays more to the center so they are not in the cropped segments of the video.

Issue:

During firmware upgrade of DCNM-MMFFs, it may happen that devices fail to upgrade with 3-4 retries.

Solution:

Power cycle the device and retry firmware upgrade

Issue:

Powering up the system from the meeting application sometimes does not power on the DCNM-MMFF device in always powered port of DCNM-APS2/PS2

Solution:

Manually press the power on button (Priority button with red LED). This should power on the device.

Issue:

Restarting services may cause DCNM-MMFF and DCNM-MMDOCK devices not to be discovered

Solution:

Perform a power OFF/ON from the Meeting application which will restore all devices.

Issue:

Moving a tablet from one DCNM-MMDOCK to another DCNM-MMDOCK causes DICENTIS services to become unresponsive and the seat on the tablet is not updated

Solution:

Wait for tablet to be fully disconnected from the system before docking into another DCNM-MMDOCK and restart the DICENTIS services if the system goes into unresponsive state

Issue:

DCNM-MMFF devices is not recognized (shown as Model 3090) in the firmware upgrade tool

Solution:

Make sure that you installed DCNM-MMFF firmware package and restart the firmware upgrade tool after the installation is complete.

Issue:

Device briefly shows "incompatible secure connection settings" after powering off/on though there are no custom PSK set

Solution:

This is a temporary state. After a few seconds, the state should recover.

4.9 Led behavior

Issue:

The green request to speak LED on button and microphone do not light up for a Wireless device when it has priority enabled and it enters the queue.

Solution:

The participant does enter the queue where it is visible by the operator using Synoptic control or Meeting application. The participant is also shown on the request list on DCNM-DE, DCNM-MMD and Participant app.

Issue:

LEDs of the DICENTIS microphone and button do not blink synchronous during the last minute of speech or the first in request when the seat has 2 microphones in a setup where both microphones are connected to the same DCNM-FBD2 device and with DCNM-FMICB and DCNM-FAI.

Solution:

Exchange the DCNM-FMICB, if it has hardware version HW01/00, with a DCNM-FMICB which has hardware version HW01/01.

4.10 Discussion

Issue:

Replacing or adding a device while in voice mode can cause the device to operate incorrectly.

Solution:

Change the discussion mode to Open, press apply and back to Voice and press apply.

Issue:

1 seat is in the speakers list although no one is speaking.

Solution:

Due to its continuous sensing of the audio in the room it can happen that 1 seat is always shown in the speaker list. This seat is removed from the speakers list as soon as a participant starts speaking. Alternatively you can configure 1 seat as button operated and always put that seat in the speakers list, e.g. the Chairperson or the Judge.

Issue:

When you change from Voice mode without show active microphone to Voice mode with show active microphone a participant will be immediately added to the speakers list (before reaching the attack time) if they were already speaking.

Solution:

No solution required. New participants need to speak for at least the duration of the attack time before they are displayed in the speakers list. And speakers are removed upon reaching the release time.

4.11 Identification

Issue:

When you remove the identification tick mark from a seat based on a DCNM-FBD2 during a meeting with identification, then that seat will still take part in the identification process.

Solution:

Disable the identification tick mark prior to activating the meeting.

Issue:

Remote participant cannot login in a meeting without identification + when the participant is assigned to a seat in the meeting room.

Solution:

Remove the participant from the seat in the meeting room via Prepare meeting.

Issue:

When the Biostar biometric system is configured to login via fingerprint + NFC card, the participant cannot log out via presenting a non-configured, incorrect finger.

Solution:

Log out via the logout button on the participant device.

4.12 Voting

Issue:

When you switch to a voting round, using the DCNM-MMD2, which has a different answer set then the voting results will not be automatically updated.

Issue:

When rapidly pressing the voting buttons on the DICENTIS flush voting panel (DCNM-FVP), then it might happen that the LED of the cast vote remains off when the voting round is closed. The vote is properly received and stored in the voting results.

4.13 Software installation

Issue:

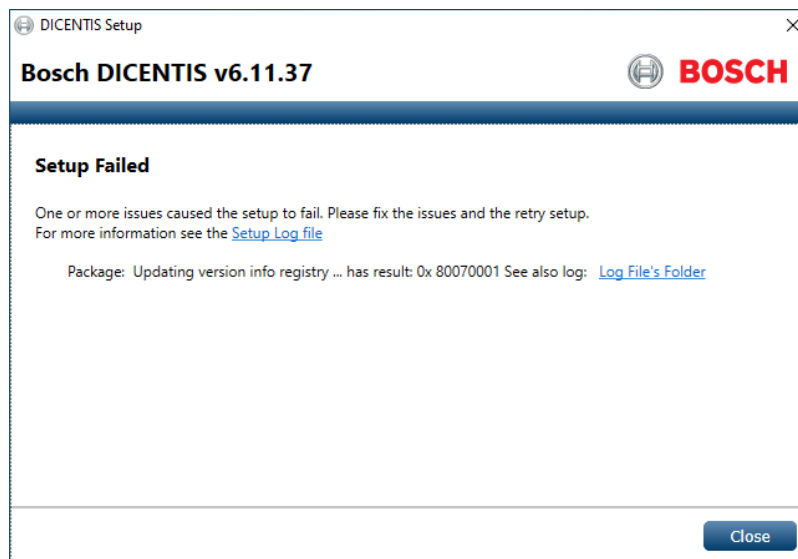
First time installation of DICENTIS software on a computer with Windows Server 2025 requires a reboot. This is due to Microsoft Visual C++ Redistributable which is part of the DICENTIS installation and running on the Windows Server 2025 computer.

Solution:

Reboot the computer and restart the installation to complete it.

Issue:

Installing 6.11.37 on a system which is downgraded from 6.20 or newer, but had 6.11 in the past fails with this notification:

**Solution:**

Copy the 6.11.37 \Installer\ to the location where it was when 6.11.37 was installed the first time.

How to find this location:

1. Open the Setup Log file
2. Search for the following Error

Error 0x80070002: Failed while prompting for source (original path '[drive]:\<original directory>\Installer\RunUpdateVersionToRegistry.cmd').

3. Copy the 6.11.37 \Installer\ folder and its content to the same location as mentioned in number 2.

Issue:

Downgrading a system by removing DICENTIS software and then installing a previous version results in a installation failure with version issue on Microsoft Edge WebView2 Runtime.

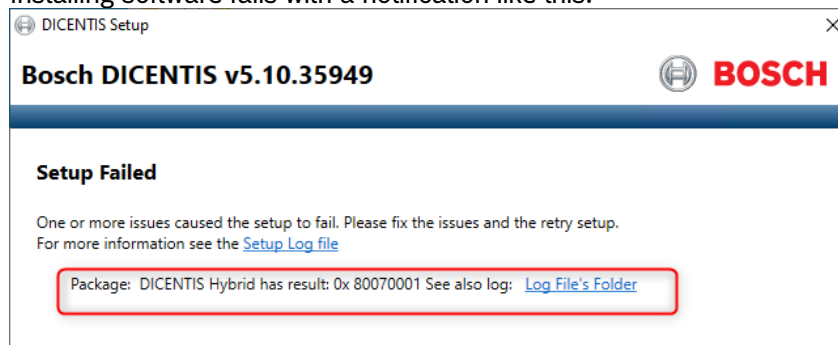
This is the result that Microsoft Edge WebView2 Runtime is not automatically removed, because it can be used by other applications.

Solution:

Manually remove Microsoft Edge WebView2 Runtime software via add remove programs and then start the installation of the previous DICENTIS software.

Issue:

Installing software fails with a notification like this:



And the directory C:\ProgramData\Bosch\DICENTIS Server\LaunchProfiles contains manually created backups of launchprofiles. If you make copies of launchprofile files and keep the extension as json, then the services also try to execute the backup files.

Solution:

If you create backup of the launchprofile files, then rename the extension to something else than json (e.g. bak).

Issue:

Upgrade of 2.4 (or previous) on the server computer fails, Setup Failed, with the following notification:

Installer error: Code 1923; Service ' Bosch DICENTIS Meeting Controller Service' (Bosch

DICENTIS Meeting Controller Service) could not be installed. Verify that you have sufficient privileges to install system services.

Installer error: Code 1939; Service ' Bosch DICENTIS Meeting Controller Service' (Bosch DICENTIS Meeting Controller Service) could not be configured. Verify that you have sufficient privileges to configure system services.

Solution:

Remove 2.4 (or previous) via Programs and Features.

Restart the computer.

Install the DICENTIS software.

Issue:

Upgrading from 2.8 to 3.2 requires a restart of the server and this results in the software not properly being installed.

Solution:

Restart the installation of the DICENTIS software to complete the installation.

Issue:

Upgrading a 4.30 DICENTIS system, installed on a Virtual machine might result in a notification not being able to connect to SQL.

Solution:

Restart the DICENTIS Server a second time to resolve the issue.

Issue: Creating a desktop shortcut to the Meeting Application shows the old Bosch icon instead of the DICENTIS icon.

Solution: Restarting the system after upgrading (e.g., from 6.70.xxx to 6.80.xxx) updates the shortcut icon.

Issue: DCNM-MMFFirmware.msi creates multiple installed instances instead of upgrading existing package.

Solution: Each run of the DCNM-MMFF Firmware installer creates a different version of the DCNM-MMFF software. Remove the older versions using Add/Remove programs menu If not needed.

4.14 Device Browser

Issue:

When DeviceBrowser is running when you power on the DICENTIS Devices, you will notice that ALL devices will temporarily disappear. This is caused by the device discovery implementation in DICENTIS and is normal behavior.

Explanation:

When using multiple subnets with ARNs, it sometimes takes a while for the discovery service to detect that a device has actually disappeared when it is powered off. While the discovery service thinks that the device is still online, DICENTIS will not be able to connect to the device when it is powered on again. To expedite this process, all discovered devices are removed from the discovered devices table. This causes discovery to be faster on power up (i.e. the devices will be online quicker), but has the side effect that devices that are not powered off/on will also temporarily disappear from the output shown by DeviceBrowser.

4.15 Logging

Issue:

Logviewer does not open, but shows "unable to connect to database". Windows Event viewer shows error: "Cannot create file DcnmLoggingDatabase.mdf, because it already exists."

Solution:

This happens when Windows SQL server is de installed. Un installing SQL removes references to the files, but the files still remain. Manually delete the files:

DcnmLoggingDatabase.mdf

DcnmLoggingDatabase_log.ldf

4.16 Audio issues

Issue:

Unpredictable audio interruptions.

Solution:

These issues are often caused by using network switches which do not comply to the switch requirements mentioned in the DCNM-SW manual in the hardware requirements. Network switches which have home or small office as their intended use, are often not able to handle the multicast data in the DICENTIS system.

4.17 Manage discuss

Issue:

Microphone will turn off upon assigning manage meeting rights to a participant.

Solution:

Do not grant manage meeting rights to a seat or participant when the microphone is active.

4.18 Network issues

Issue:

Device browser tool does not show all connected ARNI's.

Solution:

When the ARNI's have the same device name, then not all ARNI's are shown in the Device browser tool. Please use a unique name for each ARNI. Best practice is to add the VLAN in the ARNI hostname, e.g. ARNI-64.

Issue:

Unpredictable audio interruptions in systems where IGMP has been configured.

Solution:

These issues are often caused by using network switches which do not comply to the switch requirements mentioned in the DCNM-SW manual in the hardware requirements. Network switches which have home or small office as their intended use, are often not able to handle the multicast data in the DICENTIS system.

Issue:

SQL Connection Problems with Long Host Names

On some Windows systems, SQL database connections may fail or disconnect when the computer (host) name exceeds 15 characters and is used in the SQL connection string. This issue occurs when Windows falls back to NetBIOS, a legacy name-resolution mechanism that supports a maximum of 15-character host names. If NetBIOS is used, longer host names are silently truncated, causing SQL Server name resolution to fail.

Windows may fall back to NetBIOS under the following conditions:

- A short or flat server name is used in the connection string (no dot), e.g. SERVERNAME\SQLINSTANCE
- No DNS domain suffix is configured on the system
- DNS is missing or misconfigured
- NetBIOS over TCP/IP is enabled (default Windows setting)

Solution:

- Use a fully qualified domain name by configuring a domain suffix and using it in the connection string (for example, WIN-BOSCH-050-KOEPELZAAL.local). The presence of a dot forces Windows to use DNS.
- Disable NetBIOS over TCP/IP in the network adapter settings (NIC Properties → TCP/IP → Advanced → WINS tab). This forces name resolution through DNS or LLMNR and should only be done if DNS is properly configured.
- As a fallback, keep the hostname at 15 characters or fewer if the network configuration cannot be changed.

4.19 Upgrade of DICENTIS devices

Issue:

Upgrading participant devices DCNM-D, DCNM-DVT, DCNM-DSL, DCNM-DE and DCNM-FBD2 to 6.8 might fail when RSTP is enabled.

Solution:

1. Disable RSTP in the DICENTIS system
 1. Open the loop
 2. Disable RSTP in the services by setting the environment variable to 0 (please refer to **DICENTIS Configuration manual chapter 4.5 Rapid Spanning Tree Protocol (RSTP) support**)
 3. Restart the services.
 4. Power cycle the DCNM-APS2, DCNM-PS2 this will also power cycle the participant devices and set them to non-RSTP
2. Upgrade the participant devices.
3. Enable RSTP according to **DICENTIS Configuration manual chapter 4.5 Rapid Spanning Tree Protocol (RSTP) support**
4. Close the loops.

Issue:

Upgrade of DCNM-APS, DCNM-PS and DCNM-MMD which are produced before 2013 week 35 fail when upgraded with DICENTIS 6.50 software or newer.

These devices have an older bootloader which is not supported by the latest Firmware upload tool.

Work around:

To upgrade these devices with the latest DICENTIS firmware, you need to remove the current Firmware upload tool and install a previous version of the Firmware upload tool.

Please follow below instruction:

1. Remove the current installed OMNEO Firmware upload tool via Programs and Features
2. Download the DICENTIS 6.40.33 ISO from the [previous](#) page of the software download site.
3. Install the OMNEO Firmware upload tool:
 - a. Open the downloaded ISO file
 - b. Go to the Installer folder
 - c. Run OMNEOFirmwareUploadTool.exe to install it
 - d. Run BoschTftpUploadPlugin.msi to install it
4. Now you can open the Firmware upload tool (Upgrade devices) via the Server console and upload the devices with the latest DICENTIS firmware (The Upload tool should list V6.50.6573 as the version of the upload tool).

Issue:

Firmware downgrade behavior from 7.xx.xxxx version to 6.xx.xxxx.

During firmware downgrade from **version 7.xx.xxxx to 6.xx.xx**, the Firmware Upload Tool may remain in an *idle state* and fail to initiate the process.& impact is firmware downgrade is not proceed and remain in idle stage.

Solution:

- Uninstall the existing OMNEO Firmware Upload Tool installed with 7.xx.xxxx DICENTIS version from Add Remove program
- Install OMNEO Firmware Upload Tool installed from 6.xx.xxxx package or repair **DICENTIS 6.xx.xxxx**
- Use the newly installed Firmware Upload Tool from version 6.xx.xxxx
- ⌂Retry the downgrade process

Issue:

While upgrading the DCNM-FBD2 devices, the green LED flashes or blinks rapidly. The green flashing indicates a “not registered network connection” which is the result of this phase of the upgrade process.

Work around:

Just wait a bit and then the device will have registered a network connection (received an IP-address) and then the fast green flashing/blinking stops.

Issue:

Not all connected flush panels are discovered after upgrading the DCNM-FBD2 device.

Work around:

Power cycle the DCNM-FBD2 devices after upgrading the firmware.

Issue:

Uploading of a INT-TXO might fail in a multi-subnet system when the INT-TXO is not in the same subnet as the PC running the firmware upload tool.

Work around:

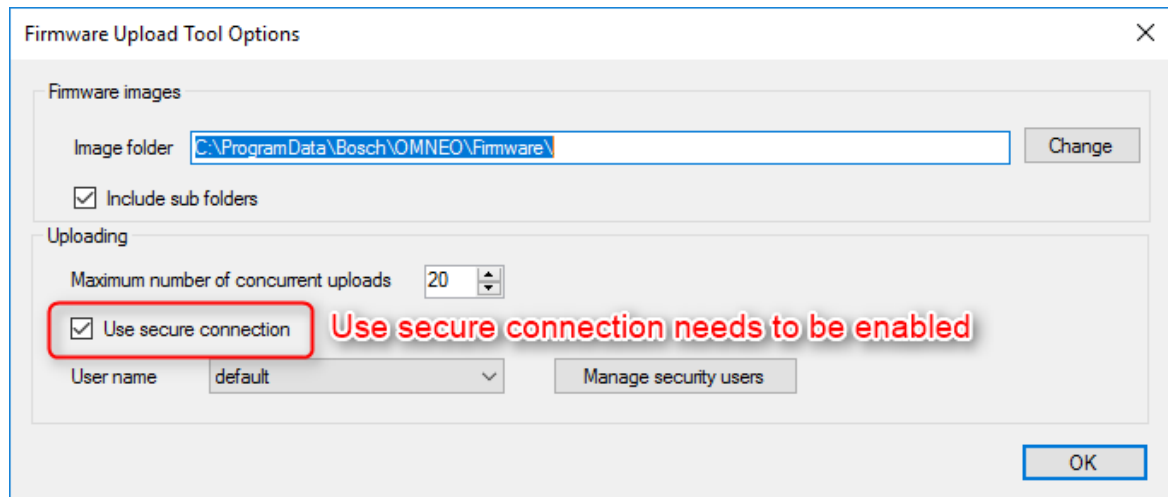
Restart the upgrade. If it keeps failing, then move the INT-TXO to same subnet as the PC running the firmware upload tool.

Issue:

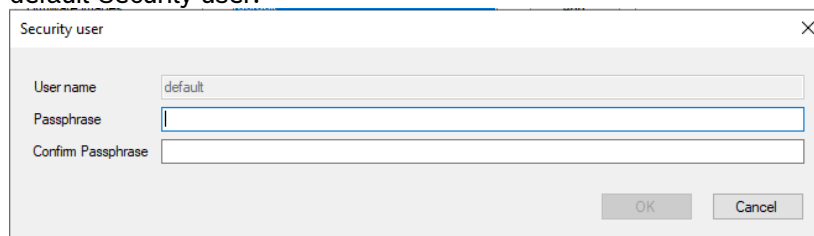
OMNEO firmware Upload Tool does not discover any devices.

Solution:

Check via File \ Options if “use secure connection” is enabled. It should be enabled.

**Issue:**

OMNEO firmware Upload Tool does not discover any devices after adding a passphrase for the default Security user.

**Solution:**

1. Stop the Firmware Upload Tool.
2. Delete the following file C:\Program Files\Bosch\OMNEO\Firmware Upload Tool\FirmwareUploadHiConfig.ini
3. Start the Firmware Upload Tool
4. Do not change the settings for the default user.

Issue:

Uploading of device keeps failing.

Solution:

1. Close the firmware upload tool.
2. Power cycle the failing devices.
3. Run the firmware upload tool again.
4. Upload the devices with the firmware.

Issue:

Upgrade of a PRS-4OMI4 from version lower than 2.30 to version 2.30 or higher fails. The device name of the PRS-4OMI4 is changed in version 2.3 or higher. In version 2.2 or lower it was OM1-xxxxxx. In version 2.3 or higher it is PRS-4OMI4-xxxxxx. Therefore the first time you try to upgrade it fails. If you retry the upgrade it will go OK, because the name is changed after the first failed upgrade.

Solution:

Run the upgrade a second time and it will succeed, because after the failed upgrade, the name is changed.

Issue:

When upgrading the ARNI you can select 2 ARNI firmware files 5.01.4289 and 5.10.4908. Please select version 5.10.4908 to upgrade the ARNI-E and ARNI-S.

Issue:

DICENTIS multimedia device still shows previous speaker if a new speaker should be displayed. If the H.264 video stream of the new speaker is not compliant (e.g. too much bitrate or non-decodable H.264 stream) then the previous video stream will still be displayed.

Solution:

Configure a proper H.264 stream. temporary workaround is to refresh the MMD by pressing the home button and back-to-active (green) button.

Issue:

DICENTIS audio powering switch (DCNM-APS) and powering switch (DCNM-PS) reboot during upgrade from 2.10 to a newer version when the system is in RSTP.

Solution:

First upgrade the DCNM-APS, then upgrade the DCNM-PS. Then upgrade the other devices.

Issue:

Downloading 2.71 or earlier, firmware in a DCNM-MMD (produced in 2018 or later) fails.

Solution:

The best option is to upgrade your DICENTIS software to 2.8 or later. Check if you need to extend your Software maintenance agreement (SMA: DCNM-1 SMA, DCNM-2SMA, DCNM-5SAM) for this.

Another option is first downloading 2.8 firmware and then 2.71 (or earlier) firmware:

1. Upload the DCNM-MMD with 2.8 firmware, to do this:
 - a. Install DICENTIS 2.8 on **another** computer.
 - b. Connect the DCNM-MMD via PoE to this computer.
 - c. Start the firmware upgrade tool and download it with 2.8 firmware
2. Connect the DCNM-MMD to your DICENTIS system, open the firmware upload tool and upload it with the firmware of your system.

Issue:

Firmware uploads may occasionally fail for some conference devices during the firmware update process.

Solution:

When this happens, stop the DICENTIS services before starting the firmware upload.

4.20 BioStar

Issue:

After upgrading the Biostar software as part of the DICENTS 6.40 or later release you might see this information in the logging:

```
<Date & Time> | DebugCategory Information: 3 Exception occurred
System.TypeInitializationException: The type initializer for
'System.Text.Json.JsonSerializer' threw an exception. --->
System.TypeInitializationException: The type initializer for 'PerTypeValues`1' threw an
exception. ---> System.IO.FileLoadException: Could not load file or assembly
'System.Runtime.CompilerServices.Unsafe, Version=4.0.4.1, Culture=neutral,
PublicKeyToken=b03f5f7f11d50a3a' or one of its dependencies. The located assembly's
manifest definition does not match the assembly reference. (Exception from HRESULT:
0x80131040)
   at System.SpanHelpers.PerTypeValues`1.MeasureArrayAdjustment()
   at System.SpanHelpers.PerTypeValues`1..cctor()
   --- End of inner exception stack trace ---
   at System.ReadOnlySpan`1..ctor(Void* pointer, Int32 length)
   at System.Text.Json.JsonSerializer..cctor()
   --- End of inner exception stack trace ---
   at System.Text.Json.JsonSerializerOptions.ConfigureForJsonSerializer()
   at System.Text.Json.JsonSerializer.GetTypeInfo(JsonSerializerOptions options, Type
inputType)
   at System.Text.Json.JsonSerializer.GetTypeInfo[T](JsonSerializerOptions options)
   at System.Text.Json.JsonSerializer.Deserialize[TValue](String json, JsonSerializerOptions
options)
```

```
at Bosch.Middleware.Logic.DcnmApi.ReadDataFromJsonFile(String jsonFilePath)
```

Workaround

Edit: Bosch.Middleware.exe.config

```
<dependentAssembly>
<assemblyIdentity name="System.Memory" publicKeyToken="cc7b13ffcd2ddd51" culture="neutral"
/>
<bindingRedirect oldVersion="0.0.0.0-4.0.1.2" newVersion="4.0.1.2" />
</dependentAssembly>
```

4.21 Licensing

Issue:

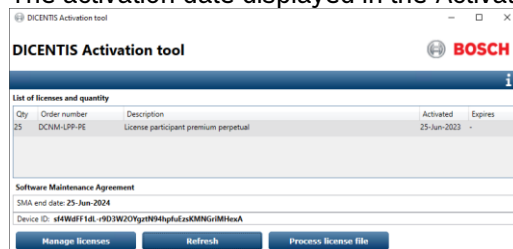
The system is not operational after replacing CPU, mainboard or a change in the Windows-UUID. This results in a change of the Device ID which will make the license not functional any more.

Workaround

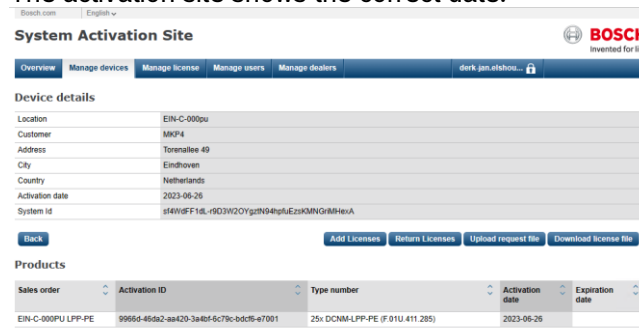
First return the license before you change the CPU or Mainboard or move the software to a different virtual machine.

Issue:

The activation date displayed in the Activation tool is 1 day before activation.



The activation site shows the correct date:



Workaround:

This has to do with the internal license store. The important part is that the end date of functionality or SMA is properly calculated.

Issue:

DICENTIS Activation Tool shows SMA end date with orange text on a Registered system after activating and returning a Premium or Ultimate license on the same day **AND** if the country is part of the countries where DICENTIS Hybrid is available.

Workaround:

Wait one more day and the notification is gone. The notification has no effect on the behavior or your system.

Issue:

When a Prepaid license expires but its Hybrid Add-on is still valid, the Activation Tool does not clearly indicate that the system has entered registration mode, which may lead to confusing or unclear license status feedback.

Solution: Please be aware that the Prepaid license has expired while the Hybrid Add-on remains active; no functional impact occurs from the missing UI indication.

4.22 Language selection

Issue:

When you select the same headphone language as the other participant on using the device, then the headphone audio is shortly muted. This can occur in a DCNM-DE in dual use or on a DCNM-FBD2 with 2 language panels connect.

Issue:

DICENTIS discussion device with touch screen (DCNM-DE) is not properly displaying the following as languages in their original language.

- Sanskrit
- Nepali
- Marathi
- Konaki
- Georgian
- Armenian
- Hindi

Workaround:

Use the 3 letter abbreviation for displaying the languages when these languages are used. Or create a user defined language using ASCII characters.

4.23 Image server

Issue:

Participant images are not displayed on Synoptic (DICENTIS Webserver) or Meeting application when you connect via the Office port of the DICENTIS server or another port than the port which runs the DICENTIS services. This is because the participant images are available via the port which runs the DICENTIS services and are not routed internally to other ports on the Server PC.

Solution:

If the images need to be available on a network other than the DICENTIS network, then use a setup as mentioned in the blueprints where a switch is configured to route between the DICENTIS network and an Office network.

4.24 Dante

Issue:

When you set the Dante stream of a seat to disabled, the Dante stream still remain available on the network, though silent.

Work around:

Power off and on the device (or system).

Issue:

When adding multiple languages (receivers) to the same as Dante source (transmitter) then the last added language will not be distributed in the system, resulting in not being audible on DICENTIS devices.

Solution:

Possible solutions:

1. Activate or de-activate a meeting
2. Add another language as Dante source and remove it.
3. Restart the services.

Issue:

Dante controller shows red error sign with “no audio” for Unprocessed language with floor fill disabled when the interpreter is not interpreting.

Rationale:

There is no audio on the Unprocessed language channel when there is no interpretation, because floor fill is disabled. And that results in the red sign. As soon as there is interpretation, then the green tick mark is shown.

Issue:

Linking 1 Dante source to both DICENTIS Dante input 1 and Dante input 2, when Dante Input 2 is in Mix – Minus Unprocessed mode, will set the latency of both inputs to the same value, while the Dante inputs have different latency for this configuration.

Solution:

There is no solution for this as both inputs direct to the same source and a source cannot have 2 different latencies. So do not link 1 source to both Dante Input 1 and Dante input 2 when Dante Input 2 is configured as Mix – Minus Unprocessed mode.

Issue:

Dante Virtual Soundcard (DVS) does not properly reconnect after a network recovery.

Solution:

Restart the DVS service using the DVS application. Or use the Dante VIA.

Issue:

Dante Controller does not discover devices when the Dante Controller application is run on the server computer and the Firmware upload tool is active.

The Firmware upload tool adds a second IP-address, link local, to the network adapter. This might cause issues for the Dante Controller application.

Solution:

Close the Firmware upload tool. Only open the firmware upload tool when upgrading the DICENTIS devices. Close it afterwards.

Issue:

The FWUT shows two OMN-DANTEGTW firmware after upgrading from 6.60 and 6.70.

Solution:

Select the firmware version that start with 2025.

Issue:

DCNM-Dxx, DCNM-FBD2, DCNM-MMFF and DCNM-MMDOCK do not show in Dante Controller when Individual microphone is enabled if they are located in a network with ARNI

Solution:

Remove ARNIs from the network if not needed. Otherwise no workaround.

Issue:

When the Dante out is set for a seat, the Audinate Dante Controller shows 2 receivers channels for this seat as "01" & "02" where it previous was shown as "Do not use".

Please do not connect these receiver channels to any transmitter.

Routing		Device Info				
Filter Transmitters						
Filter Receivers						
		Transmitters (3)				
		DICENTIS-DICENTIS-ECFBFD				
		DICENTIS-DICENTIS-ECFBFD-MG				
		DSL-0c11c8				
		1.1				
		2.2				
		02				
Receivers (3)						
	DICENTIS-DICENTIS-ECFBFD	✓	+	+	+	
	DICENTIS-DICENTIS-ECFBFD-MG	✓	+	+	+	
	DSL-0c11c8		+	-	-	
	1.2					
	01	✓				
	02	✓				

4.25 Interpreter desk

Issue:

When an Interpreter desk enters failsafe mode, it takes a long time to recover.

Solution:

Please wait for 30-45 minutes, it will eventually recover. If it does not recover after 2 hours, contact After sales support regarding repair.

Issue:

Beeps are not heard when listening to a Language which is provided by Dante and not linked to a Dante source (using Dante controller).

Solution:

When there is no Dante source linked to a language which is configured as source Dante, then the headphone is muted when selecting that language. This results in also not providing the audible beeps. Link the language to a Dante source and the beeps will be audible.

Issue:

A laptop which is connected via CAT-5/6 to the second Ethernet port of and DCNM-IDESK does not get a network connection.

Solution:

Power the DCNM-IDESKs via PoE and connect the laptop to the PoE switch too.

4.26 Meeting notes and voting files

Issue:

Meeting notes and voting files are not properly displayed in Firefox or Chrome.

Workaround:

Change the local files security policy from true to false.

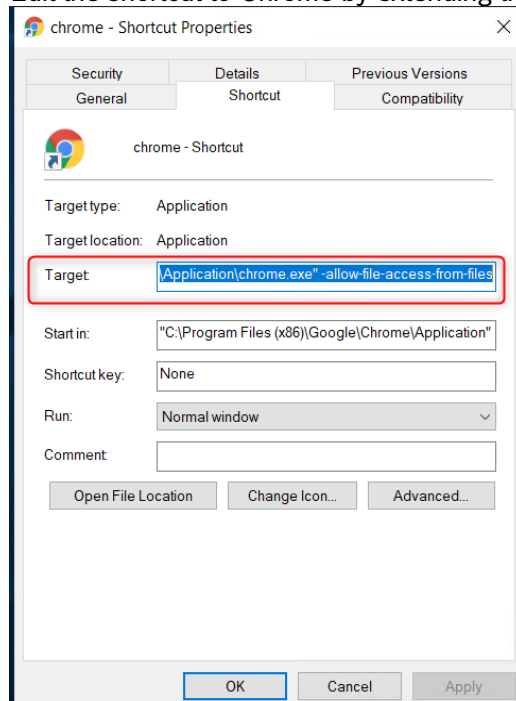
Firefox:

1. Enter about:config in the navigation bar
2. Enter security.fileuri.strict_origin_policy in the search field
3. Change the value from True to false

**Google Chrome**

To display the meeting notes and voting results in Chrome.

Edit the shortcut to Chrome by extending the "Target" with **-allow-file-access-from-files**

**Example:**

" C:\Program Files (x86)\Google\Chrome\Application\chrome.exe " **-allow-file-access-from-files**

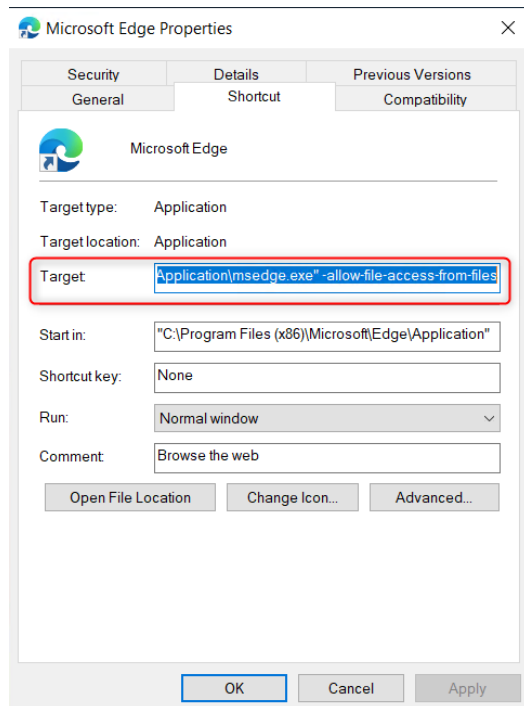
The blue text is the path to where Chrome is installed on your computer.

The red text is the addition with enables the correct display of the meeting notes.

Microsoft Edge

To display the meeting notes and voting results in Edge.

Edit the shortcut to Edge by extending the "Target" with **-allow-file-access-from-files**



Example:

"C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" -allow-file-access-from-files

The blue text is the path to where Edge is installed on your computer.

The red text is the addition with enables the correct display of the meeting notes.

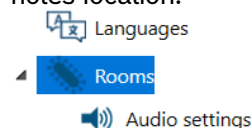
Issue:

Meeting notes and voting files are not properly displayed in Firefox or Chrome.

Workaround:

Convert the xml files to html using Microsoft's Command Line Transformation Utility (msxsl.exe)

- Download the Microsoft Command Line Transformation tool
<https://www.microsoft.com/en-us/download/details.aspx?id=21714>
- Copy the tool, mscsl.exe, to the directory where the Meeting notes, Voting files and style sheets are stored. By default that is the C:\Programdata\Bosch\DICENTIS directory, but you can change that using the Meeting Application. It is in \ Configure \ Rooms \ Meeting notes location.



- The Meeting notes can be converted to html via this command:
C:<location of meeting notes> msxsl.exe <meeting notes filename>.xml MeetingResult.xslt -o <new file name>.html
- The Voting files can be converted to html via this command:
C:<location of meeting notes> msxsl.exe <Voting files filename>.xml VotingResult.xslt -o <new file name>.html
- You can automate this via a script to make it easier.

4.27 API

Issue:

Using the API it is possible to configure the same nfc-id to multiple persons.

Workaround:

Please prevent that your input file contains multiple persons with the same nfc-id.

4.28 Open source

Issue:

Downloading the Open source license file from a DCNM-FBD2 for a second time using Chrome or Edge results in a download failure.

Workaround:

Either use Firefox to download the Open Source license file or power cycle the DCNM-FBD2 and try again.

4.29 Conference Protocol

Issue:

The activeVideo field is no longer available in the Conference Protocol. Applications that rely on this field will no longer receive active video status information.

Workaround:

Use the getDiscussionList method to retrieve the active speaker information. This information can be used to determine the active camera.

.

4.30 DICENTIS Media gateway

Issue:

Media gateway does not show seats.

Reason:

Since version 6.80 the Media gateway does not show seats when the system does not have any licenses.

Workaround:

Add the Red colored text below from line 3238 of the file on the server PC:

"C:\inetpub\wwwroot\DcnmSynopticControl\mediagateway\src\js\updateGUI.js"

```
function updateAllTables() {  
    updateTableDiscovery();  
    updateTableInputs();  
    if (configurationMode != CONFIGURATION_MODE_ENUM.BASIC){  
        updateTableFileInputs();  
    }  
    updateTableSeatmaps();  
    updateVideoSwitcherTable();  
    updateCanvasesTable();  
    updateContentsTable();  
    updateStreamsTable();  
    updateConfigurationTable();  
    updateGlobalSettingTable();  
}
```

5 Additional Information (not included in manuals)

5.1 Storing the chat with participants

By default the chat with the participants is not stored.

To store the chat you need to edit this file on the Server PC:

"C:\Program Files (x86)\Bosch\DICENTIS Hybrid\ApiHelpers\appsettings.json"

```
{  
  "ChatPlugin": {  
    "Log": {  
      "FileTimeToLive": "00:00:00:00",  
      "FileDeletionTimeOfDay": "00:00:00"  
    }  
  }  
}
```

In this file you add the 2 variables:

How many days:hours:minutes:seconds are the files stored.

At which time of the day (24 hour notification) is the deletion of expired files happening

5.2 DICENTIS webserver, Synoptic

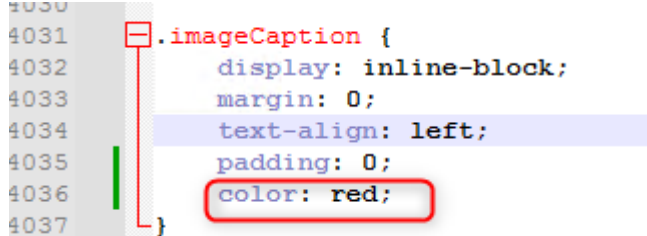
Next to the settings via the UI of the DICENTIS webserver there are some changes possible via the configuration files

5.2.1 Changing the font color of the screenline

You can change the font color of the screenline via modifying this file:

:\inetpub\wwwroot\DcnmSynopticControl\Client\css\main.css

By adding the option color in the section imageCaption and entering the color you can change the font color to another color than black.



```

4030
4031 .imageCaption {
4032     display: inline-block;
4033     margin: 0;
4034     text-align: left;
4035     padding: 0;
4036     color: red;
4037 }
  
```

Note: This setting is for all layouts. So the screenline will have this color on all layouts. This is for Seats and for Interpreter desks.

5.2.2 Removing the screenline

You can remove the screenline via modifying this file:

:\inetpub\wwwroot\DcnmSynopticControl\Client\css\main.css

By changing inline-block to none.



```

4030
4031 .imageCaption {
4032     display: none;
4033     margin: 0;
4034     text-align: left;
4035     padding: 0;
4036     color: red;
4037 }
4038
  
```

Note: This setting is for all layouts. So the screenline will be hidden on layouts. This is for Seats and for Interpreter desks.

5.2.3 Changing the voting answer color of the icon on the synoptic

You can change the voting answer color of the icon in synoptic in this file:

:\inetpub\wwwroot\DcnmSynopticControl\Client\css\main.css

By changing value:

```

.abstain {
    background-color: #FFDB29;
    height: 48px;
    width: 48px;
}

.yes {
    background-image: -webkit-linear-gradient(180deg, #5CBD63 50%, #27A730 50%);
    background-image: -moz-linear-gradient(180deg, #5CBD63 50%, #27A730 50%);
    background-image: -o-linear-gradient(180deg, #5CBD63 50%, #27A730 50%);
    background-image: -ms-linear-gradient(180deg, #5CBD63 50%, #27A730 50%);
    background-image: linear-gradient(180deg, #5CBD63 50%, #27A730 50%);
    height: 48px;
    width: 48px;
}

.against {
    background-color: #E20015;
    height: 48px;
    width: 48px;
}

.dnpv {
    background-color: #F16522;
    height: 48px;
    width: 48px;
}
  
```

```

.present {
  background-color: #004986;
  height: 48px;
  width: 48px;
}

.voteCasted {
  background-color: #f26321;
  height: 48px;
  width: 48px;
}

.notVoted {
  background-image: -webkit-linear-gradient(180deg, #003156 50%, #3F4CA4 50%);
  background-image: -moz-linear-gradient(180deg, #003156 50%, #3F4CA4 50%);
  background-image: -o-linear-gradient(180deg, #003156 50%, #3F4CA4 50%);
  background-image: -ms-linear-gradient(180deg, #003156 50%, #3F4CA4 50%);
  background-image: linear-gradient(180deg, #003156 50%, #3F4CA4 50%);
}

```

Note:

- For is the same as Yes.
- No is the same as Against.
- Both hexadecimal color codes and natural color names can be used
- You need to restart the DcnmSynopticControl Site via IIS, or restart the DICENTIS PC.

5.2.4 Changing the voting results color on synoptic

You can change the voting answer colors in the results (Bar, Graph, Legend) on Synoptic in this file:

:\inetpub\wwwroot\DcnmSynopticControl\Client\constants\stringConstants.js

By changing value:

```

.constant('VOTINGCOLOR',
{
  forOrYesOrA: "linear-gradient(180deg, #5CBD63 50%, #27A730 50%)",
  againstOrNoOrB: "#E20015",
  abstainOrC: "#ffff00",
  dnpvOrD: "#ffa500",
  none: "#999999",
  present: "#004986",
  voteCasted: "#f26321",
  yesSolidGreen: "green",
  notVoted: "grey"
})

```

Note:

- Changing color for Bar chart for Yes/A/For requires modification of `forOrYesOrA` value
- Changing color for Pie chart for Yes/A/For requires modification of `yesSolidGreen` value
- Changing color for No/B/Against requires modification of `againstOrNoOrB` value
- Changing color for Abstain/C requires modification of `abstainOrC` value
- Changing color for DNPV/D requires modification of `dnpvOrD` value
- Both hexadecimal color codes and natural color names can be used
- You need to restart the DcnmSynopticControl Site via IIS, or restart the DICENTIS PC.a

5.2.5 Increasing the amount of icons

The default icon size for a new layout is configured to have 30 icons possible on the same row. With the slider you can increase or decrease the icon size.

If you want to increase this default value of 30 icons on a row, then you can do so via modifying this file:

:\inetpub\wwwroot\DcnmSynopticControl\Client\controllers\controllers.js

By changing the value of **screenDivider**, the amount of icons on a row changes.

```

215 vm.updateMajorityResultUI(vm.majorityResult);
216 vm.updateQuorumResultUI(vm.quorumResult);
217 vm.updateMeetingInfo();
218 vm.updateAgendaInfo();
219 vm.updateVotingInfo();
220 vm.updateSeatVotingResults();
221 vm.updateDiscussionList();
222 vm.updateInterpreterRoutings();
223 applyScope($scope);
224 }
225
226 var iconSizeTimerPromise;
227 // Apply Icon and font size settings.
228 function applyIconSizeSettings(iconSizeRatio) {
229     var screenDivider = 30; // Icon size is 1/30 of screen size
230     vm.defaultIconSize = vm.layoutSize.width / screenDivider;
231
232     var iconSize;
233     if (iconSizeRatio != null) {
234         vm.iconRatio = iconSizeRatio;
235         iconSize = getIconSize(vm.iconRatio);
236     }
237     else {
238         iconSize = vm.defaultIconSize;
239     }
240
241     vm.iconSize = iconSize;
242     vm.fontSize = (iconSize / 4);
243     vm.synopticGridSize = (iconSize / 4);
244
245     vm.sliderMinValue = vm.defaultIconSize / 2;
246     vm.sliderMaxValue = vm.defaultIconSize * 2;
247     vm.sliderStepValue = (vm.sliderMaxValue - vm.sliderMinValue) / 100;
248     applyScope($scope);
249
250     vm.updateSynopticGrid();
251
252     $timeout.cancel(iconSizeTimerPromise);
253     iconSizeTimerPromise = $timeout(function () {
254         $('#iconSlider').val(iconSize);
255     }, 100);
256 }
257

```

Note: This setting is for all layouts.

5.2.6 Autologin and full screen

The Manual lists the link for Google chrome, but you can also use Edge and Firefox.

Below the shortcuts/Targets for Chrome, Firefox and Edge.

<DICENTIS server> is the hostname or IP-address of the PC running the DICENTIS services.

<Location> is the location where you stored the autologin html file.

<Layout> is the name of the layout which needs to be opened automatically

Chrome:

"C:\Program Files (x86)\Google\Chrome\Application\chrome.exe" -start-fullscreen

"file:///<Location>\autoLogin.html?Server=https://<DICENTIS server>:31416/&navbar=off&layout=<Layout>"

Firefox

Below the shortcut.

"C:\Program Files\Mozilla Firefox\firefox.exe" -kiosk

"file:///<Location>\autoLogin.html?Server=https://<DICENTIS server>:31416/&navbar=off&layout=<Layout>"

Edge

Below the shortcut.

```
"C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe" --kiosk --edge-kiosk-  
type=fullscreen "file:///<Location>\autoLogin.html?Server=https://<DICENTIS  
server>:31416/&navbar=off&layout=<Layout>"
```

Edge browser kiosk mode by default runs in private mode.

You need to disable private browsing in the edge completely to make autologin work.

Disabling private mode in Edge:

1. Regedit: HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Edge (if the Edge-key does not exist, then create it)
2. Create/modify InPrivateModeAvailability (32-bit Dword)
3. Set value to 1 (hexadecimal) to disable the private browsing (0: enable, 1: disable, 2: force to open all pages in private mode)
4. upon opening the browser go through the questions (Don't allow works ok), log in once and upon next opening the browser it should automatically log in.