Video Touch 4K and MDR Video Touch Release Notes

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Regulatory and compliance

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Software Version
Video Touch 4K 4.0 and earlier
MDR Video Touch 1.32 and earlier

General warnings and precautions

To ensure patient safety and adhere to HIPAA Privacy Rule involving patient health information, the Healthcare provider shall assign a unique Accession Number and Medical Record Number (MRN) to identify individual patient's health record affiliated with the patient to prevent erroneous medical data and duplicate identification with other patients.

There is no impact to patient population, body part or tissue contact with MDR Video Touch and Video Touch 4K; it does not have any applied parts.

Disconnection of the power cord is needed to electrically isolate the unite from the supply mains, the unit should not be installed in such a way as to make that difficult.

Note:

A power failure during video capture can cause corrupted files and possible data loss.

Symbols glossary

ISO - 15223-1 - Medical devices - Symbols to be used with medical device labels, labeling, and information to be supplied.

3082 - Manufacturer: Indicates the medical device manufacturer.

ISO - 15223-1 - Medical devices - Symbols to be used with medical device labels, labeling, and information to be supplied.

Authorized representative in European Community: Indicates the authorized representative in the European union. Symbol is accompanied by the name and address of the authorized representative adjacent to the symbol.

ISO - 15223-1 - Medical devices - Symbols to be used with medical device labels, labeling, and information to be supplied.

2497 - Date of Manufacture: Indicates the date when the medical device was manufactured.

ISO - 15223-1 - Medical devices - Symbols to be used with medical device labels, labeling, and information to be supplied.

2493 - Catalog number: Indicates the manufacturer's catalog number so the medical device can be identified.

ISO - 15223-1 - Medical devices - Symbols to be used with medical device labels, labeling, and information to be supplied.

2498 - Serial number: Indicates the manufacturer's serial number so that a specific medical device can be identified.

ISO - 15223-1 - Medical devices - Symbols to be used with medical device labels, labeling, and information to be supplied.

1641 - Consult instructions for use: Indicates the need for the user to consult the instructions for use.

ISO - 15223-1 - Medical devices - Symbols to be used with medical device labels, labeling, and information to be supplied.

0434A - Caution: Indicates the need for the user to consult the instructions for use for important information such as warnings and cautions.

ISO - 15223-1 - Medical devices - Symbols to be used with medical device labels, labeling, and information to be supplied.

2610 - Patient number: Indicates a unique number associated with an individual patient.

Quantity: Indicates the number of units.

Directive 2012/19/EU on waste electrical and electronic equipment (WEEE).

Front panel. Power status light indicator.

Green light - power on.

Front panel. SSD activity indicator.

Blinking light - active state.

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What are the Video Touch 4K and MDR Video Touch?

The Video Touch 4K and MDR Video Touch are the hardware devices that captures and sends high-resolution images and video from a wide range of modalities to PACS/VNA. They provide image and video capture and transfer at the point of care without the need for a workstation.

Notes:

- The term MDR applies to the MDR Video Touch, Video Touch 4K, MDR-VT products family.
- The default, non-secure communication port for MDR > PACSgear Enterprise Server is 80.

  The default, secure communication port for MDR > PACSgear Enterprise Server is 443.

The Video Touch 4K and MDR Video Touch software are functionally the same, even though they have different hardware. When Video Touch 4K is specified, it may be assumed that this also applies to MDR Video Touch, unless it specifies that it apply to only one product.

The Video Touch 4K and MDR Video Touch have a built-in server that handles security, configuration, and the flow of data between the modalities and destination DICOM systems. However, the Video Touch 4K and MDR Video Touch can also connect to an external instance of PACSGear Enterprise Server to handle these functions.

To configure PACSGear Enterprise Server settings, administrators can use a browser-based interface called Core Server Console (CS Console). You can launch CS Console from a PC or within the Video Touch 4K and MDR Video Touch.

The MDR Video Touch 4k 4.0 and later is compatible with a PACSGear Enterprise Server 5.2.x and later.

MDR Video Touch

MDR Video Touch 1.32 (August 2020)

Updates

- Resolved an issue where the timestamp was incorrectly written with Epoch time in GMT and not the local time zone.

MDR Video Touch 1.31 (December 2020)

Features

- Added auto resend timer setting for failed jobs in serversettings.xml configuration file.

Updates

- Resolved an issue where pending jobs would get stuck.
- Resolved an issue where users were unable to resend failed jobs manually.

MDR Video Touch 1.3 (July 2019)

Features

- Added an icon to the Login and Patient Demographic screens to indicate the current network connection status.
- Added the MDR Link option with the remote PACSGear Enterprise Server 4.2 or later.
- The Login password now displays as asterisks when an external keyboard is plugged in.
- Added a Logoff confirmation dialog box.
- Added Tooltips to the new network icon.
- Added log file entry when the network status changes and accessing the PACSGear Enterprise Server fails, such as login, renew session, testing connections failures.

Updates

- Resolved an issue that prevented users from using the dot character '.' in their login password.
- Resolved an issue that prevented users from playing recorded video after a power cycle.
- Resolved an issue that caused the system to display an unhandled exception error when a patient's gender was not an abbreviated string, such as MALE or FEMALE.
- Resolved an issue where a 3-characters modality string, such as PDF, was incorrectly cut off to a 2-characters string.
- Resolved an issue where the user login failed if the Department lookup sources names summary string was more than 255 characters.
- Updated the default number of days to purge data folders from 7 days to 30 days
- Updated the purge data process to only delete folders when they are empty.
- Resolved an issue with sending jobs in offline mode when unit is turned on.

MDR Video Touch 1.21 (December 2018)

Features

- Worklists are now available offline.
- The system now displays a warning alert when the user presses the Start Exam button without entering the patient's demographics.

Updates

- Resolved an issue on the Image Edit screen that prevented the user from canceling exams containing images.
- Resolved an issue where the MDR-VT box incorrectly rebooted even when there were no profiles to process.

MDR Video Touch 1.2 (November 2018)

Features

- You can now save images in bitmap (BMP) format.
- Added support for international languages.
- When a Send job from the client to the Service fails, the system now resends the metadata for the job on retry.
- Added a Multiple Destinations menu when sending a study to the destination archive.

Updates

- Resolved an issue that caused the system sound to unmute after a reboot.
- Resolved an issue that caused the system to display a new Capture screen after the user pressed the Enter or space bar keys.
- Resolved an issue that caused an unhandled exception if a lookup source contained an incorrect date/time format.

MDR Video Touch 1.1.0 (August 2017)

Features

- MDR-VT now supports capturing video in AVI format.

Updates

- The caret '^' character is now supported in the MRN field.
- The Numeric VKB now has a '-' key.
- Fixed an issue where UI distortion occurs on the Record form
- The Referring Physician name tag (0008,0090) value now properly passes to the PACS archive
- Fixed an unhandled exception when tapping Alt key on the virtual keyboard

Video Touch 4K

MDR Video Touch 4.0.x (November 2025)

Updates

The following components are included in this month’s patch.

- Resolved an issue where the last patient data cache would not clear when next patient data updates where performed in manual mode.
- Resolved an issue where preconfigured series was not applied in Use study description from worklist mode.

MDR Video Touch 4.0 (July 2024)

Features

- Added a Log Viewer to the General Settings.
- Added a Retain Media to the General Settings.
- Added the Upgrade Software from Server and Windows Update to the Utilities.
- Added the Export logs to the About.
- Added option Always use on screen keyboard to the General Settings.
- Added the Label Text to the Image Edit that allows to select a label text from a preconfigured list.
- Added warning message when D: partition runs out of free space.
- Added White Arrows set to the Image Edit Mark.
- Added support for a USB microphone.
- Change API calls to be more secure.
- TLS 1.2 protocol is now a default.

Updates

- Extended the size of the C: partition.
- Resolved an issue where prefixes and suffixes were cutoff when performing worklist patient query.
- Resolved an issue where characters '&00' typed in the server IP field caused an unhandled exception.
- Resolved an issue where Wired(1) IP address populated within Wired(2) IP in About screen.
- Resolved an issue where the wrong department populated if the LDAP and local domain had a user with same username.
- Resolved an issue where the Spanish characters (Ñ or ñ) were missing from the on-screen keyboard.
- Replaced connection status icon color from Orange to Yellow.
- Resolved an issue where the default Series Description was not populated in the Description in Patient Demographics.
- Fixed Label text format in the Image Edit.
- Resolved an issue where the MDR reports "No Patients Found" if an unconstrained query was issued to ImageLink and the result set was 200+ matches. Replaced the message, "No Patients Found" with "Too many results".

MDR Video Touch 3.0 (October 2020)

Features

- MDR is now a 64-bit application.
- Added a Domain list to the Login screen.
- Added image preview to the Record screen.
- Added the Allow Image setting in PACSgear Enterprise Server. This setting determines whether the Capture Image button is enabled.
- Added an Encounter number when sending data to non-DICOM destinations.
- Added Filmstrip overlay for video thumbnails.

Updates

- Resolved an issue where jobs with UNKNOWN status were incorrectly deleted.
- Resolved an issue the system would resend the same Failed job twice.
- Resolved an issue where the Default department would not display at the top of the Departments list.
- When clicking Send on the Edit screen, the system now displays a confirmation dialog box before sending.

Video Touch 4K 2.0.24 (January 2020)

Features

- Added a new auto resend timer setting for failed jobs in the serversettings.xml configuration file.
- Added support for Windows 10 Enterprise LTSC.
- Added support for HEVC/H.265 video recording.
- Added support, with PACSgear Enterprise Server 5.0 or later, for HEVC/H.265 video transfer.

Updates

- Resolved an issue, with remote PACSgear Enterprise Server 4.2.1 or later, where studies would not query by modality from ImageLink worklist.
- Resolved an issue where Internet Time would not synchronize.
- Resolved an issue where pending jobs would get stuck in a running state.
- Resolved an issue where failed jobs could not be resent manually.

MDR Video Touch 2.0 (December 2019)

Features

- Added support for Windows 10 Enterprise LTSC.
- Added support for HEVC/H.265 video format.

Updates

- Resolved an issue, with remote PACSgear Enterprise Server 4.2.1 or later, where studies would not query by modality from ImageLink worklist.
- Resolved an issue where Internet Time would not synchronize.