



PACS Scan Mobile

User Help

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Regulations and Compliance

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What is PACS Scan Mobile?

PACS Scan Mobile is an app for iOS and Android mobile devices that physicians and authorized staff can use to capture images and videos. You can use the built-in camera of the mobile device to capture images or videos of your patient and then attach them to patient studies. When you are finished capturing images and videos you can edit them, send them to the selected source for storage, and optionally send an HL7 message to an HL7 device. You cannot save images and videos on your mobile device.


PACS Scan Mobile app is a client of PACSgear Core Server, which processes DICOM and non-DICOM medical data, and handles user accounts, security, client configuration, and the flow of data between modalities and destination DICOM systems.

Indications for use

PACS Scan Mobile is intended to be used by authorized staff to perform various operations on imaging studies before they are made available to other locations in the network. These operations include capturing images, capturing video images, confirming or editing patient demographics, and reviewing the history of the study. PACS Scan Mobile is not labeled for diagnostic use.

Change the current department

PACS Scan Mobile uses the application entity (AE) destinations, query sources, and devices configured for the current department by your administrator. You can change the current department, but note that all current images and data are lost. To change the current department, complete the following steps.

1. Tap menu .
2. On the **Menu** screen, under **Department**, tap the name of the current department.
3. In the **Select Department** list, tap the name of the department that you want to select.

Use PACS Scan Mobile

Load patient records



Find a patient by query

To find an existing patient study from a configured source, complete the following steps.

1. On the main screen, under **Query Source**, select a source and tap **Done**.
2. Under **Patient**, enter all or part of the last name or exact MRN to use as search criteria.
Example: in the **Last name** box, type c to query patients whose last names begin with the letter c.
3. Tap **Search**.
4. On the **Patient Lookup** screen, scroll through the list of query results to find your patient's record.
5. Tap the patient record to display associated studies and tap a study.
6. Optional. To add information, see "Add description and flag for confidentiality."
7. Tap **Next**.
8. To modify the study, see topics under "Modify and send studies."

Retrieve a patient record from a barcode

If a barcode is attached to a patient or physical media, you can retrieve the patient record by scanning the barcode with your mobile device. To retrieve a patient record from a barcode, complete the following steps.

1. On the main screen, in the upper right corner, tap the barcode  button. ( on Android client)
The camera of the mobile device turns on.
2. Point the mobile device to center the barcode in the brackets.
The patient record appears in the main screen.
3. Optional. To add information, see "Add description and flag for confidentiality."
4. Tap **Next**.
5. To modify the study, see topics under "Modify and send studies."

Create a patient record

To create a new patient record, complete the following steps.

1. On the main screen, under **Query Source**, tap the select a source, and then tap **Done**.
2. Under **Patient**, enter the MRN and patient last name (required), and any other information that you want to include in the patient demographic fields.
3. Optional. To add information, see Add description and flag for confidentiality.
4. Tap **Next**.
5. To modify the study, see topics under Modify studies.

Add a description and flag for confidentiality

After loading a study, before working with images and video, you can add a series description. If you are sending to an XDS destination, you can also flag the study as confidential. To add a description and flag for confidentiality, complete the following steps.


1. To add a description to the study, at the bottom of the main screen, under **Series Description**, select a description from the list, and then tap **Done**.
2. To flag the study as confidential, tap **Confidential**.
3. Tap **Next**.


Modify and send studies

Capture images and video

Prerequisite Before you can capture videos, your administrator must turn on video capture. See "Add a department" in the PACSgear Core Server user's manual.

To capture an image or video to attach to a patient study, complete the following steps.



1. Find a patient and tap **Next**.
The camera of the mobile device turns on.
2. To capture images, complete the following substeps.
 1. At the top of the capture screen, tap **Photo**.
 2. Optional. To zoom in or out, pinch or spread the screen.
 3. To capture one or more images, aim the camera and tap the circle .

3. To capture videos, complete the following substeps.
 1. At the top of the capture screen, tap **Video**.
 2. Rotate your device to landscape orientation.
 3. Tap the circle  to start and stop recording.
4. When you are done capturing images and videos, tap **Next**.
 Thumbnails of the images and videos you capture appear on the send screen.



Import images and videos from the camera roll

Prerequisite Before you can capture videos, your administrator must turn on video capture. See "Add a department" in the PACSgear Core Server user's manual.

If you capture images or video onto the camera roll of the mobile device, you can import them into a study. To import images and videos from the camera roll, complete the following steps.




1. Find a patient and tap **Next**.
2. On the capture screen, tap the import  button and tap **Photo** or **Video**. ( on Android client)

Note: If the "PACS Scan would like to access your photos" message appears, tap **OK**.

3. On the **Photos** screen, tap **Camera Roll**.
4. On the **Camera Roll** screen, tap a photo and tap **Choose**.
 The program returns to the photo and video capture screen.
5. Optional. To import more photos or videos, tap import  ( on Android client)
6. Tap **Next**.
 Thumbnails of the images and videos you captured appear on the send screen.

Edit or delete an image

You can edit images or delete them from the study before sending. To edit or delete an image, complete the following steps.


1. On the send screen, tap the image you want to edit or delete.
2. To delete the image, tap the trash  button. ( on Android client)
3. To edit the image, refer to one or more of the following topics.
 - Crop an image
 - Specify the body part of an image
 - Annotate an image
 - Rotate an image
4. To undo all unsaved edits, tap the revert  button.
5. Tap **Save**.

Note: To save edits and delete images you must tap **Save**.

Thumbnails of the images and videos you retained appear on the send screen.



Crop an image

You can remove unwanted portions of an image by cropping it. To crop an image, complete the following steps.

1. On the image editing screen, tap the crop  button.
2. To resize the crop boundary, drag a corner handle.
3. To move the crop boundary over the image, drag near the center of the boundary.
4. To crop the image at the crop boundary, tap **Crop**.

Specify the body part of an image






You can apply standardized body part labels to an image. To specify the body part of an image, complete the following steps.

1. On the image editing screen, tap the body part  button. ( on Android client)
2. Tap a body region and select a body part in the list.
3. To apply the body part to all images, turn on **Apply to all images**.
4. Tap **Apply**.


Annotate an image

You can draw freehand marks or add a text description. To annotate an image, complete the following steps.

On iOS Clients:

1. On the image editing screen, tap the draw  button.
2. To add text, complete the following substeps.
 1. Tap the text  button.
 2. In the **Enter Image Description** dialog box, type text and tap **OK**.
3. To draw on the image, complete the following substeps.
 1. On the left pane, tap a color.
 2. On the center pane, if drawing is disabled, enable it by turning on the switch.
4. On the right pane, tap the light , medium , or heavy  marker and tap **Close**.
5. Draw on the image.


On Android Clients:

1. On the image editing screen, tap the draw  button.
2. To add text, complete the following substeps.
 1. Select **Add Note** from the submenu.
 2. In the **Enter Image Description** dialog box, type text and tap **OK**.
3. To draw on the image, complete the following substeps.
 1. Select **Draw/Rotate** from the submenu.
 2. On the lower part of the screen, tap a color.
NOTE: Marker size feature not available on Android client
4. Draw on the image.



Rotate an image

You can rotate an image 90, 180, or 270 degrees clockwise. To rotate an image, complete the following steps.

On iOS Clients:





1. On the image editing screen, to rotate the image 90 degrees, tap the rotate  button.
2. To rotate the image 180 or 270 degrees, tap the rotate button a second or third time.

On Android Clients:

1. On the image editing screen, tap the draw  button.
1. From the submenu, select **Draw/Rotate**
2. Tap the  to rotate the image in 90° increments.

Edit or delete a video

You can edit videos, or delete them before sending. To edit or delete a video, complete the following steps.

1. On the send screen, tap the video you want to edit or delete.
2. To specify a body part for the video, complete the following substeps.
 1. Tap the body part  button. ( on Android client)
 2. Tap a body region and select a body part in the list.
 3. To apply the body part to all videos, turn on **Apply to all**.
3. To delete the video, tap the trash  button. ( on Android client)
4. Tap **Save**.

Note: To save edits and delete images you must tap **Save**.

Thumbnails of the images and videos you captured appear on the send screen.

Send a study

After loading and modifying a study, you can send it to a PACS, VNA, or other archive available to your department. You must make at least one change to the study before sending it. To send a study, complete the following steps.

1. On the send screen, tap **Send**.
2. Select a destination in the list.

Note: The study is sent immediately after you tap a destination.

Manage jobs in PACS Scan Mobile

What is a job?

A "job" is a collection of information about a send operation that is created when a user sends data to a DICOM device. This information includes such things as who sent the data, when, and from where. It also includes the job status, which is the result of the send operation.

You can view job history, or cancel or restart a failed job in either the PACS Scan Mobile app or PACSgear Core Server.

View a job

To view a job, complete the following steps.

1. In PACS Scan Mobile, tap menu on the main screen, and then tap **Status**.
2. In the list of jobs, tap the failed job that you want to cancel.
3. Tap **Cancel**.


Cancel a job

To cancel a failed job, complete the following steps.

1. In PACS Scan Mobile, tap menu on the main screen, and then tap **Status**.
2. In the list of jobs, tap the failed job that you want to cancel.
3. Tap **Cancel**.

Restart a job

To restart a job, complete the following steps.

1. In PACS Scan Mobile, tap menu  on the main screen, and then tap **Status**.
2. In the list of jobs, tap the failed job that you want to restart.
3. Tap **Restart**.

The job is highlighted in yellow, and PACS Scan Mobile attempts to resend the job.