

ACUSON P10 Viewer User Guide

The ACUSON P10 Viewer™ ultrasound software is an application that provides review and import functionalities for the ACUSON P10™ ultrasound system.

Note: For complete instructions regarding the ACUSON P10 Viewer ultrasound software, please refer to your user manual.


Installing the ACUSON P10 Viewer Software

To install the Viewer:

1. Insert the ACUSON P10 Viewer software disk into the disk drive of your computer.
 - The Viewer launches the installation program.
2. If the software does not automatically start, double-click the file **setup.exe** to start the installation program.
3. Follow the prompts in the installation wizard to complete the installation.

Launching the ACUSON P10 Viewer Software

To launch the Viewer, choose a method:

1. On your computer, click **Start > Programs > Siemens Medical Solutions > P10 Viewer**.
2. Click the **P10** icon on your computer's desktop. 

Importing Studies

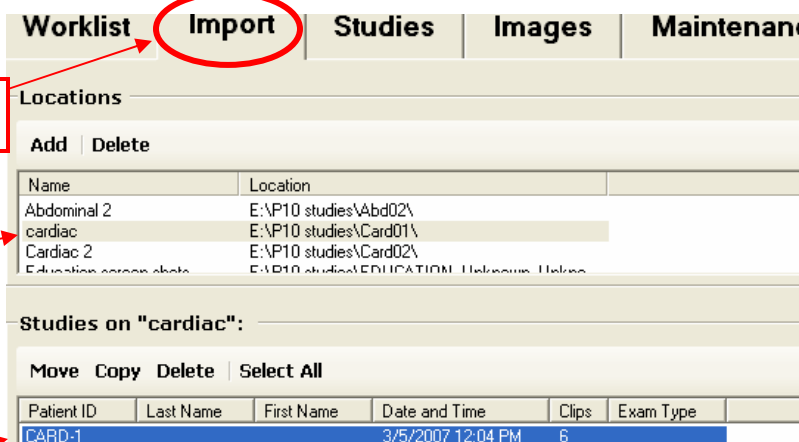
To import studies to the Viewer, make sure that one of the following conditions applies:

1. The personal computer running the Viewer software is connected to one or more Acuson P10 systems with a USB cable, and an SD memory card reader is inserted into the handheld unit.
2. The personal computer running the Viewer software is connected to an SD memory card reader.
3. Studies are copied to the hard disk of your computer.

Note: The Viewer can import studies containing annotations or measurements.

To import studies:

1. Select the **Import** tab to view the list of import locations.
2. Select an import location to display all studies stored in that location.
3. Select a study from the list.



TO	SELECT
Copy the selected study from the import location to the program. Double-click also copies a study from import location to viewer.	Copy
Copy all studies from the import location to the program	Select All>Copy
Move the selected study from the import location to the program	Move
Move all studies from the import location to the program	Select All>Move

Note: When you transfer a study from an import location, it is deleted in the source location.

Working with Import Locations

To add an import location:

1. Select the **Import** tab.
2. Click **Add**.
3. Select a location in the **Browse for Folder** pop-up screen and click **OK**.
 - The new location displays in the list of import locations.
 - Select study or file to add

Note: It is not necessary to create an import location for the ultrasound system. The ACUSON P10 Viewer software automatically detects the connected system and adds it to the list of import locations.

Delete an import location:

1. Select the **Import** tab.
2. Select a location from the list of import locations.
3. Click **Delete**.

Delete studies from an import location:

1. Select the **Import** tab.
2. Select an import location to display all studies stored at that location.
3. Select one or more studies and click **Delete**.

Working with Studies

TO	DO THIS
Review images in a study	Select a study and click Open . Alternatively, double-click on the study.
Close a study	Click Close .
Mark a study for deletion	Select one or more studies and click Delete . The list displays the status as Deleted .
Permanently delete studies	<ol style="list-style-type: none"> 1. Select the Deleted check box to display the studies marked for deletion. 2. Select the studies to be permanently deleted, and click Delete.
Search for studies	<ol style="list-style-type: none"> 1. Enter some or all characters in one of these fields: Patient ID, Last Name, or First Name. 2. You can also search by date, First Study or Last Study, Exam Type or study status (Read or Deleted). 3. To clear all the search fields, click Clear.
View and edit study	<ol style="list-style-type: none"> 1. Select a study from the list and click Properties. 2. To edit patient or study information, make the required changes in the Study Information window. 3. Click Save. 4. If the edited name or patient identification number matches an existing patient's information, the program displays Same Patient? window. 5. To add the edited patient as a new patient, select the patient from the list and then click No. 6. To identify the edited patient as an existing patient, select the patient and then click Yes. 7. If the edited patient belongs to multiple studies, the program displays The Patient has multiple studies window. To update one or more studies with the edited patient information, select the required studies and then click Update.

Viewing Images

To view images:

1. Select the **Images** tab or double-click a study from the list of studies.
 - The program opens the image section and displays the first image in the main screen and thumbnails of other images in the study on the right.
2. Double-click a thumbnail to view the image in the image display area, or drag a thumbnail to the image display area.
3. Select the **First**, **Prev** (previous), **Next**, and **Last** buttons to scroll through the images in the thumbnail window.
 - The Viewer displays the image in the main window based on your selection.

NOTE: To open a new study, double-click a study in the upper right of the image screen.





4. To scroll through the images in the thumbnail window, click **First**, **Prev** (previous), **Next**, or **Last**.
5. To mark a study as read, select the **Read** check box.
6. To scroll through the list of studies, select **Study: Previous** or **Study: Next**.
7. To select the display format, select an option in the drop-down list.

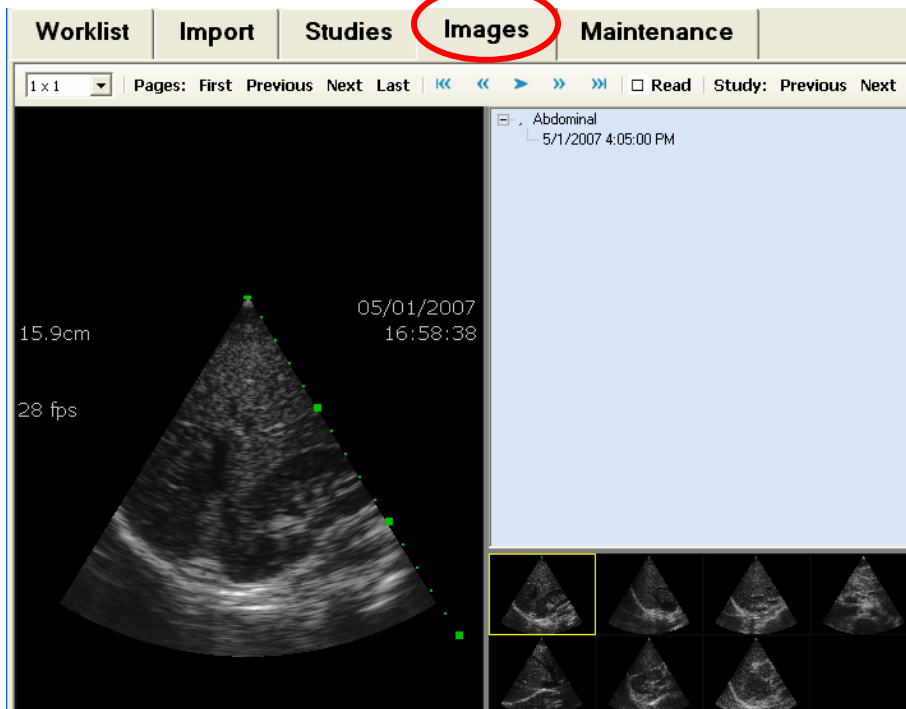
Window Format	Image Display
1 x 1	Single image
2 x 2	Four images
3 x 3	Nine images

To control loops:

Note: When the Viewer displays the loop initially, it is in the play mode.

Controls Description:

-  STOP- loop stops playing
-  PLAY- loop starts playing
-  REVERSE or FORWARD- loop steps forward or backward by a single frame
-  FIRST FRAME or LAST FRAME- loop goes to the first or the last frame



Creating a Worklist

You can create a worklist that contains patient information, including name, birth date, height, and weight. You can then transfer the worklist to the ultrasound system and load patient information when you begin an exam.

To create a worklist:

1. Select the **Worklist** tab.
 - a. The **List of Known Patients** displays the names of all patients currently stored in the Viewer software. The **Current Worklist** displays patient information as it is added to the worklist.
2. Click **New Worklist**.
 - a. The current worklist is cleared.
3. Enter patient information:
 - a. To enter new information, complete the fields in **Select Patient for Worklist**.
 - b. To select an existing patient, double-click a patient name in the **List of Known Patients**.
4. The Viewer displays selected patient information in the upper left.
5. Click **Add to Worklist**.
 - a. The Viewer creates a new worklist and adds the patient information.

Transferring the Current Worklist to the ACUSON P10 Ultrasound System

Worklists are stored on the SD Memory Card. If you remove or replace the SD Memory Card, you cannot view the worklists stored on the card. To retrieve the worklists, reinsert the SD Memory Card or transfer the worklists from the ACUSON P10 Viewer software to the ultrasound system.

To transfer the current worklist to the ACUSON P10 ultrasound system:

1. Select the **Worklist** tab.
2. Click **Send All** or right-click a patient name in the current worklist and click **Send All to P10**.
3. If multiple systems are connected to your personal computer, select a system to view the worklist.

Working with the Current Worklist

TO	DO THIS
View patient information	Double-click the patient name in the current worklist or double-click a patient name in the list of known patients. The Select Patient for Worklist window displays the information for the selected patient.
Delete a patient	Select a patient name in the current worklist and click Delete , or right-click a patient name and select Delete from the menu.
Search for an existing patient	Enter some or all characters in one of these fields: Patient ID , Last Name , or First Name . The list of known patients updates with only the patients matching your search criteria.

The screenshot shows the software interface with the **Worklist** tab selected. The **Select Patient for Worklist** window is open, displaying input fields for Patient ID, Last Name, First Name, Birth Date, Gender, Height, Weight, and Blood Pressure. The **List of Known Patients** table shows three entries with 'Unknown' values. The **Current Worklist** table is also visible below.