



clisoft^{2.0}

User Manual

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Contents

Preface	5	Welcome to ClioSoft
	5	About ClioSoft
Chapter 1	6	Home Screen at a Glance
	6	A First Look at ClioSoft Home Screen
	7	Function Icons
Chapter 2	8	Getting Started
	8	Installing ClioSoft
	8	Single User Installation
	9	Multiple User Installation
	11	Installing Clio Sensor Calibration File
	11	Getting License Code
	12	Settings
Chapter 3	19	Auto-Bridge
Chapter 4	20	Patients
	21	Searching a Patient
	21	Adding a New Patient
	21	Editing Patient
	21	Deleting Patient
	21	Accessing a Patient
Chapter 5	22	View Exams
	23	Viewing an Exam
	23	Viewing an Image
	24	Using Mini-Layout to Move to Another Image
	24	Adjusting Brightness and Contrast
	25	Using Image Tools
	28	Function Icons

Chapter 6	29	Intraoral X-ray
	30	Taking Intraoral X-ray Images
Chapter 7	32	Camera
	33	Taking Intraoral Camera Images
Chapter 8	36	Pan
	37	Taking Pan X-ray Images
Chapter 9	38	Ceph
	39	Taking Ceph X-ray Images
Chapter 10	40	Import
	41	Importing Images
Chapter 11	43	Export
	44	Exporting Images
Chapter 12	46	Email
	47	Emailing Images
Chapter 13	49	Print
	50	Printing Images
Chapter 14	52	Edit Layouts
	53	Adding New Layout
	55	Editing a Layout
	55	Deleting a Layout
Chapter 15	56	History
Chapter 16	58	Cart

Welcome to ClioSoft

ClioSoft is a powerful and easy-to-use dental imaging software that can track thousands of dental images and provides the dentist with high-quality image management and adjustment tools.

With ClioSoft, you can efficiently take intraoral x-ray/video & panoramic/cephalometric images, import digital images, perform an image edit, adjust and retouch images, publish images for the e-mail or print, and export images for use on other dental imaging systems.

ClioSoft lets you work with high-quality image files directly from your camera or card reader and maintain that high quality throughout your workflow.

About ClioSoft

Designed for the needs of dentists, ClioSoft is an image capture, adjusting and management tool that provides:



Home Button

- **Home Button:**
You can go back to the Home Screen anytime you want by simply clicking the Home Button in the middle of the bottom of the screen. So, you can easily start another workflow.
- **An easy operating workflow:**
From capture to output, you can work with capturing, viewing, adjusting, e-mailing, or printing images by the intuitive user interface. The intuitive user interface can make you work with a touch screen based computer for more simple and easier workflow.
- **Exam-based image management:**
You can have ClioSoft capture images in the exam layout by patient's name, exam name, and date. You can also create a new exam layout, and edit and delete an existing exam layout.
- **Advanced image processing:**
Designed to capture images without adjusting parameters for taking x-ray images. When you take an x-ray image, ClioSoft adjusts the parameters for optimized images and applies them automatically.

Home Screen at a Glance

ClioSoft is designed to be the center of your dental imaging workflow, from capturing new images to the final delivery.

This chapter provides an overview of how ClioSoft works and what you can do with it. However, this chapter doesn't provide all the detailed information and instructions needed to perform work on your images. If you're new to ClioSoft, this chapter is for you. If you're familiar with the ClioSoft features and interface, feel free to skip this chapter. Once you're familiar with ClioSoft, you'll find in-depth explanations and instructions in later chapters.

A First Look at ClioSoft Home Screen

When you first open ClioSoft, you will see the following screen:



Function Icons

Each function icon performs for each designated simple and easy function described below:

 Patients	Make a new patient and edit an existing patient. (Chapter 3: Patients)
 View Exams	View exams according to the selected patient. (Chapter 4: View Exams)
 IO X-ray	Take intraoral x-ray images from the Clio Digital X-ray Sensor. (Chapter 5: Intraoral X-ray)
 Camera	Take intraoral images from the Claris Intraoral Camera. (Chapter 6: Camera)
 Pan	Take panoramic x-ray images from a digital pan that supports TWAIN driver. (Chapter 7: Pan)
 Ceph	Take cephalometric x-ray images from a digital ceph that supports TWAIN driver. (Chapter 7: Ceph)
 Export	Export ClioSoft exam or image to the computer in picture file format. (Chapter 9: Export)
 E-mail	E-mail ClioSoft exam or image by using the default e-mail program selected in the computer. (Chapter 10: E-mail)
 Print	Print ClioSoft exam or image to the printer. (Chapter 11: Print)
 Settings	Customize the settings for operating ClioSoft. (Chapter 2: Getting Started)
 Edit Layouts	Make a new exam layout or edit an existing exam layout. (Chapter 12: Edit Layouts)
 Help	Open ClioSoft User Manual in PDF file format.

Installing ClioSoft

ClioSoft has two versions, Single User and Multiple User. The Single User version is for only one computer, and the Multiple User version is for a network environment with multiple computers. If you install the Multi-user version, skip Single User Installation. Before you install ClioSoft, please read this guide carefully and follow the steps.

*Option for SQL Server database installation; Call SOTA technical advisor

Single User Installation

- 1 Insert the install disc and select **Install ClioSoft**.
- 2 Click **Next** to continue.
- 3 Select **ClioSoft Database**.
- 4 In Windows XP or Vista, select **.NET 3.5 Online Installer**. Your computer must have Internet connection.
In Windows 8, you don't need to select this option.
- 5 If you want to use a Clio Digital X-Ray Sensor with your computer, select **ClioSoft Sensor Driver**.
- 6 Click **Next** to continue.
- 7 Choose **Install Location**. This must be a local drive (usually C or D).
We highly recommend that you accept the default location.
- 8 Click **Next** to continue.
- 9 Choose **Database Location**. This must be a local drive (usually C or D).
We highly recommend that you accept the default location.
- 10 Click **Install** to install ClioSoft.
- 11 Click **Finish** to complete installation.

Multiple User Installation



Server

- Install here first, on a local drive
- Data folder must be a SHARED folder



Workstations

- Must point to the data folder you shared when installing on the server

Server Installation

- 1 Insert the install disc on the server and select **Install ClioSoft**.
- 2 Click **Next** to continue.
- 3 Select **ClioSoft Database**.
- 4 In Windows XP or Vista, select **.NET 3.5 Online Installer**. Your computer must have Internet connection.
In Windows 7, you don't need to select this option.
- 5 If you want to use the Clío Digital X-Ray Sensor with your server as well, select **ClioSoft Sensor Driver**.
- 6 Click **Next** to continue.
- 7 Choose **Install Location**. This must be a local drive (usually C or D).
We recommend that you accept the default location.
- 8 Click **Next** to continue.
- 9 Choose **Database Location**. This must be a local drive (usually C or D).
We highly recommend that you accept the default location. This folder must be shared.
When installing on your workstations, this is the data location you will point to.
(You will have to share this folder after completing the install process.)
- 10 Click **Install** to install ClíoSoft.
- 11 Click **Finish** to complete installation.

- 12 Next, you need to share your data folder. Click **Share the Folder** to open Windows Explorer with the **ClioSoft Database** folder highlighted. Right-click the **ClioSoft Database** folder and select **Properties**.

On the Sharing tab, select **Share this folder**. Note the Share Name. You will point to this when installing on your workstations.

[*Option for SQL Server database installation; Call SOTA technical advisor](#)

Workstation Installation

- 1 Insert the install disc on the workstation and select Install ClioSoft.
- 2 Click **Next** to continue.
- 3 Deselect **ClioSoft Database**.
- 4 In Windows XP or Vista, select **.NET 3.5 Online Installer**. Your computer must have Internet connection.
In Windows 7, you don't need to select this option.
- 5 If you want to use the Clio Digital X-Ray Sensor with your computer, select **ClioSoft Sensor Driver**.
- 6 Check "Auto-Bridge" if you are using the following practice management software: Easy Dental, Softdent, PracticeWorks, EagleSoft, or Dentrix.
- 7 Click **Next** to continue.
- 8 Choose **Install Location**. This must be a local drive (usually C or D). We recommend that you accept the default location.
- 9 Click **Next** to continue.
- 10 Choose **Database Location**. Click **Browse...** and point to the ClioSoft Database folder that has been shared when installing on the server.
- 11 Click **Install** to install ClioSoft.
- 12 Click **Finish** to complete installation.
- 13 Repeat these install steps on each workstation.

Installing the Clio Sensor Calibration File

- 1 You need to install the Calibration file for using the Clio Digital X-ray Sensor. If you don't have the Clio Digital X-ray Sensor, skip this section.
- 2 Find the 6-digit serial number of the sensor you have. You can find it from the packaging box or the tag on the sensor cable. Note the serial number.

Open an Internet Browser and type
<http://www.sotaimaging.co/calibration/SerialNumber.raw>

- 3 For example, if your serial number is **123456**, it will be
<http://www.sotaimaging.com/calibration/123456.raw>
- 4 When you are asked to open or save this file, click **Save** and point to the **Correction Files** folder under the **ClioSoft Database** folder.

Getting License Code

- 1 Run ClioSoft and click **Settings** in the Home Screen.
- 2 On the General tab, Click Licensing.
- 3 Click Change and type your office name. Click OK to exit.
- 4 Note your office name that you typed and the customer identifier number.
- 5 Call SOTA customer support at 1.888.266.SOTA or Email the office name and the customer identifier number to support@sotaimaging.com.

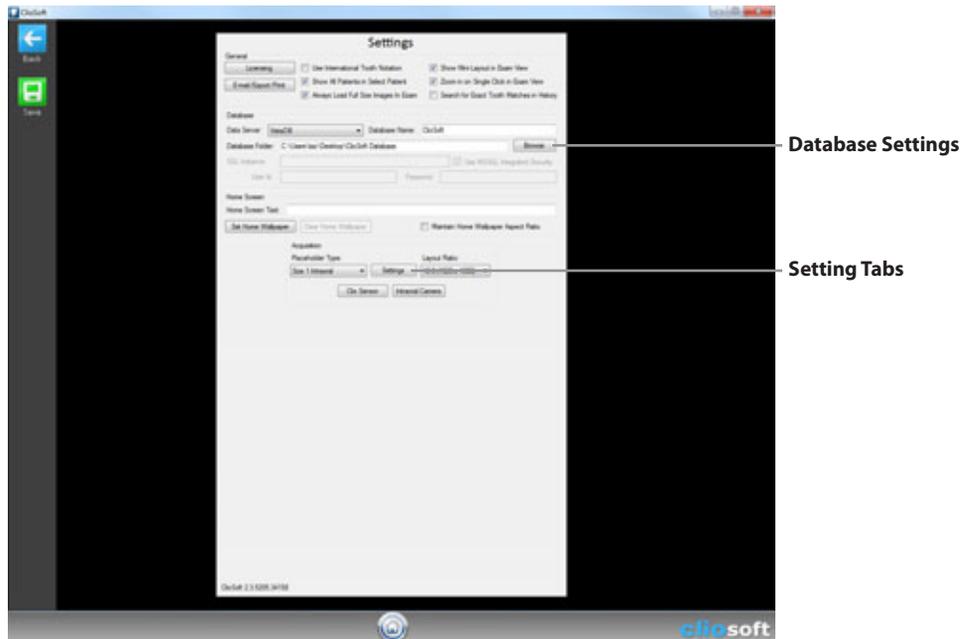
Settings



You need to customize the settings for operating ClioSoft.
You can enter the Settings screen by clicking **Settings** icon in Home Screen.

We highly recommend that you do NOT change the top portion for the Database Settings.

Settings of each function can be selected by clicking the **Setting Tab** showing the function.



Setting General

Home Screen Text:

Type your name or your office name, then you will see the name in the bottom left corner of the ClioSoft window.

Set Home Wallpaper:

You can use a default wallpaper or your own wallpaper as background in Home Screen. Click this button, select a wallpaper that you want to use, and then click Open.

Clear Home Wallpaper:

It clears the home wallpaper that you are currently using.

Maintain Home Wallpaper Aspect Ratio:

It maintains the aspect ratio of the home wallpaper you selected.

Zoom in on Single Click in Exam View:

It makes you zoom-in the image in the exam view by single-click. When deselected, you need to double-click on the image to zoom-in. (see Chapter 4. Viewing Exams)

Show Mini-Layout in Exam View:

The Mini-Layout provides an easy way to select one or the other image in the exam view. (see Chapter 4. Viewing Exams)

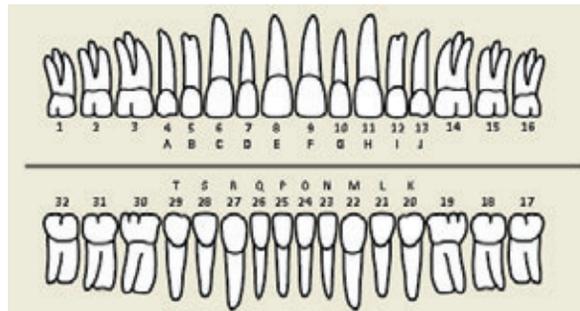
Search for Exact Tooth Matches in History:

In the History function, it shows images that have the exact same tooth number information. (see Chapter 4. Viewing Exams)

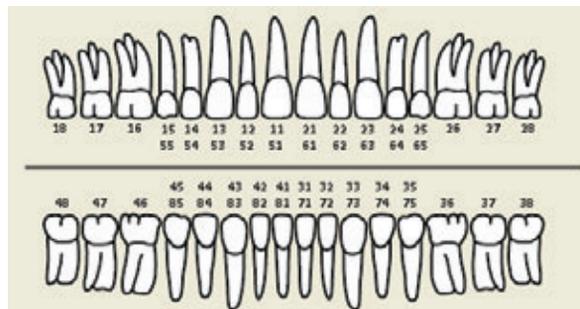
Use International Tooth Notation:

ClioSoft provides two tooth number system. You can choose one or the other.

Default Tooth Notation



International Tooth Notation

**Show All Patients in Select Patient:**

With this option unchecked, ClioSoft shows blank list when the Select Patient is opened. With this option checked, ClioSoft shows all patients in the ClioSoft database.

Always Load Full Size Images in Exam

Checking this option will load full size images into exams instead of thumbnails.

Setting Clio Sensor

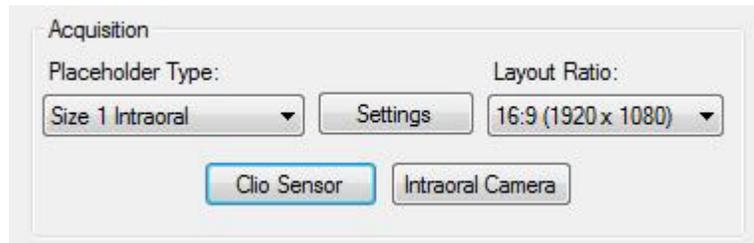
This setting is for better x-ray images from the Clio Sensor.

Do NOT change the settings.

For more information, contact SOTA Imaging technical support.

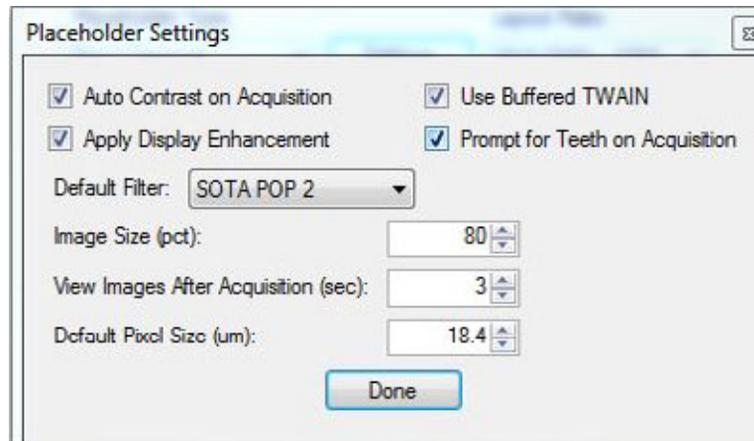
Placeholder Type

Choose sensor size



The screenshot shows a dialog box titled "Acquisition". It contains a "Placeholder Type:" dropdown menu set to "Size 1 Intraoral", a "Settings" button, and a "Layout Ratio:" dropdown menu set to "16:9 (1920 x 1080)". At the bottom, there are two buttons: "Clio Sensor" and "Intraoral Camera".

Prompt for Teeth on Acquisition:



The screenshot shows a dialog box titled "Placeholder Settings". It contains several options with checkboxes: "Auto Contrast on Acquisition" (checked), "Apply Display Enhancement" (checked), "Use Buffered TWAIN" (checked), and "Prompt for Teeth on Acquisition" (checked). There is also a "Default Filter:" dropdown menu set to "SOTA POP 2". Below these are three numeric input fields: "Image Size (pct):" set to 80, "View Images After Acquisition (sec):" set to 3, and "Default Pixel Size (um):" set to 18.4. A "Done" button is at the bottom.

After taking an intraoral x-ray image with a placeholder that does not have any assigned tooth number, ClioSoft shows you the tooth number chart to choose the tooth number of the image. If you do not want to see this screen after taking an x-ray image, uncheck this option. When unchecked, it does not save any tooth number with the image. (see Chapter 12. Edit Layouts)

Auto Contrast on Acquisition:

When checked, ClioSoft applies auto contrast filter on the image after taken. ClioSoft still has the original image, so you can go back to the original image anytime. (see Chapter 4. View Exams)

Apply Display Enhancement:

The display enhancement adjusts your monitor for better quality in x-ray images. We recommend that you check this option.

Default Filter:

ClioSoft automatically applies the filters after you take an intraoral x-ray image when you set one of the filters, Colorize and SOTA POP 2.

ClioSoft still has the original image, so you can go back to the original image anytime. (see Chapter 4. View Exams)

Intraoral X-ray Image Size (pct):

When you select an image in the exam, ClioSoft zooms in the image according to this number. When you set it 100, it shows the selected image in 100% of the view screen.

The default is 90.

(see Chapter 4. View Exams)

View Images After Acquisition (sec):

This is the time you can see the taken image after acquisition before it goes to the next stage.

The default is 5.

(see Chapter 5. Intraoral X-ray)

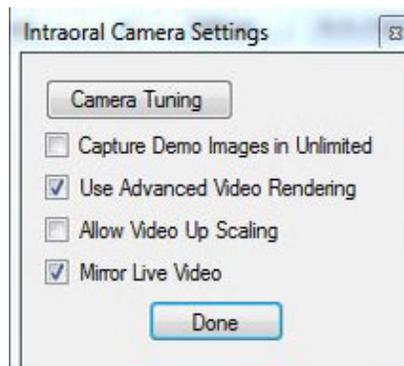
Default Pixel Size

This is the pixel size in Nano pixels for the measurement tool. Set it to 18.4.

Setting Intraoral Camera

Capture Demo Images in Unlimited.

Make sure the box is unchecked.

**Use Advanced Video Rendering:**

The advanced video rendering is the process of using ClioSoft to generate live intraoral camera images with better quality. But the performance depends on the graphic card in your computer.

Allow Video Up Scaling

When checked, ClioSoft shows the full screen live image when you take intraoral images.

Mirror Live Video

When checked, ClioSoft shows mirrored image on the live image screen.

Auto Contrast on Acquisition:

When checked, ClioSoft applies auto contrast filter on the image after taken. ClioSoft still has the original image, so you can go back to the original image anytime. (see Chapter 4. View Exams)

Apply Display Enhancement:

The display enhancement adjusts your monitor for the better quality in intraoral camera images. We recommend that you check this option.

Default Filter:

ClioSoft automatically applies the filters after you take an intraoral camera image when you set one of the filters, Colorize and SOTA POP 2.

ClioSoft still has the original image, so you can go back to the original image anytime. (see Chapter 4. View Exams)

Intraoral Camera Image Size (pct):

When you select an image in the exam, ClioSoft zooms into the image according to this number. When you set it 100, it shows the selected image in 100% of the view screen.

The default is 90. (see Chapter 4. View Exams)

View Images After Acquisition (sec):

This is the time you can see the taken image after acquisition before it goes to the next stage. The default is 5.

(see Chapter 6. Camera)

Camera Settings

It can make you to change the intraoral camera driver settings.

For more information, contact the hardware manufacturer or SOTA Imaging technical support.

Setting Panoramic

Select “Panoramic” as the placeholder type then click the settings button**Acquire Demo Panoramic Images:**

This is ONLY for demonstration use of ClioSoft. Leave this unchecked in normal operation.

Auto Contrast on Acquisition:

When checked, ClioSoft applies auto contrast filter on the image after taken. ClioSoft still has the original image, so you can go back to the original image anytime. (see Chapter 4. View Exams)

Apply Display Enhancement:

The display enhancement adjusts your monitor for better quality in panoramic x-ray images. We recommend that you check this option.

Default Filter:

ClioSoft automatically applies the filters after you take a panoramic x-ray image when you set one of the filters, Colorize and SOTA POP 2.

ClioSoft still has the original image, so you can go back to the original image anytime. (see Chapter 4. View Exams)

Panoramic Image Size (pct):

When you select an image in the exam, ClioSoft zooms into the image according to this number. When you set it 100, it shows the selected image in 100% of the view screen. The default is 90.
(see Chapter 4. View Exams)

View Images After Acquisition (sec):

This is the time you can see the taken image after acquisition before it goes to the next stage. The default is 5.
(see Chapter 7. Pan/Ceph)

Setting Cephalometric

Select “Ceph” under placeholder type**Acquire Demo Cephalometric Images:**

This is ONLY for demonstration use of the ClioSoft. Leave this unchecked in normal operation.

Auto Contrast on Acquisition:

When checked, ClioSoft applies auto contrast filter on the image after taken. ClioSoft still has the original image, so you can go back to the original image anytime.
(see Chapter 4. View Exams)

Apply Display Enhancement:

The display enhancement adjusts your monitor for the better quality in cephalometric x-ray images. We recommend that you check this option.

Default Filter:

ClioSoft automatically applies the filters after you take an cephalometric x-ray image when you set one of the filters, Colorize, and SOTA POP 2. ClioSoft still has the original image, so you can go back to the original image anytime.
(see Chapter 4. View Exams)

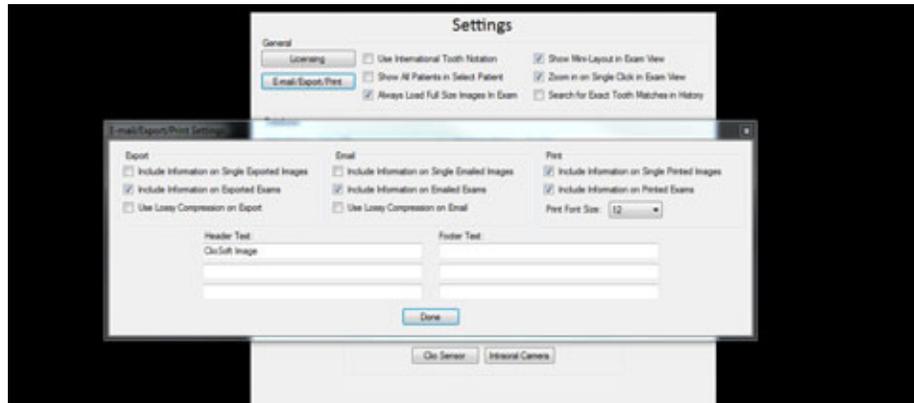
Cephalometric Image Size (pct):

When you select an image in the exam, ClioSoft zooms in the image according to this number. When you set it 100, it shows the selected image in 100% of the view screen. The default is 90.
(see Chapter 4. View Exams)

View Images After Acquisition (sec):

This is the time you can see the taken image after acquisition before it goes to the next stage. The default is 5.
(see Chapter 7. Pan/Ceph)

Setting Export/Email/Print



Include Information on Single Exported Images:

Check this option if you want to show the header and footer text on single exported images.

Include Information on Exported Exams:

Check this option if you want to show the header and footer text on exported images.

Include Information on Single Emailed Images:

Check this option if you want to show the header and footer text on single emailed images.

Include Information on Emailed Exams:

Check this option if you want to show the header and footer text on emailed exams.

Include Information on Single Printed Images:

Check this option if you want to show the header and footer text on single printed images.

Include Information on Printed Exams:

Check this option if you want to show the header and footer text on printed exams.

Header Text:

Type header text when you want to show the text on exported, emailed, or printed images.

Footer Text:

Type footer text when you want to show the text on exported, emailed, or printed images.

Auto-Bridge



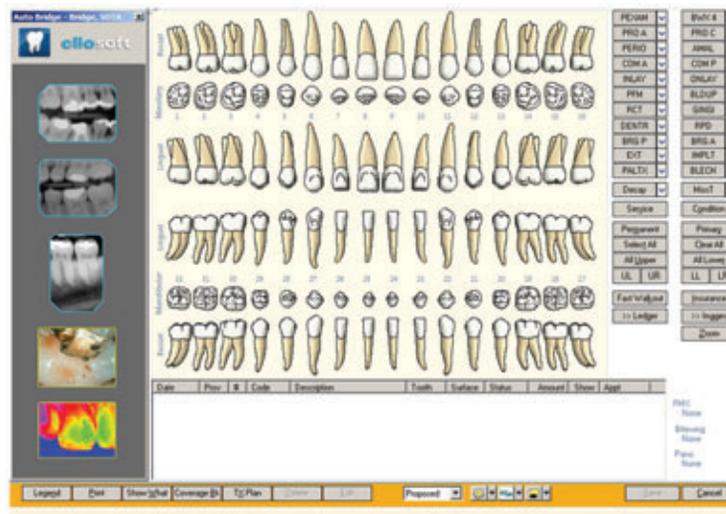
About Auto-Bridge

Auto-bridge is a unique bridging application that allows you to pass on data information from your existing Practice Management software to ClioSoft Imaging. With Auto-bridge users can immediately view all of the image exams while still viewing the patient chart or appointment book.

Installing Auto-Bridge

Check the Autobridge box when installing ClioSoft only if you are using EagleSoft, SoftDent, PracticeWorks, and Easy Dental.

- 1 Right click the Auto-Bridge icon in the lower right system tray of Windows.
- 2 Choose preferences.
- 3 Select the correct practice management software you are using.
- 4 To activate, select a patient in the practice management software and go to the charting page.
- 5 The bridge should automatically pop up.
- 6 You can view and filter images.
- 7 To take images, click on the acquire button.



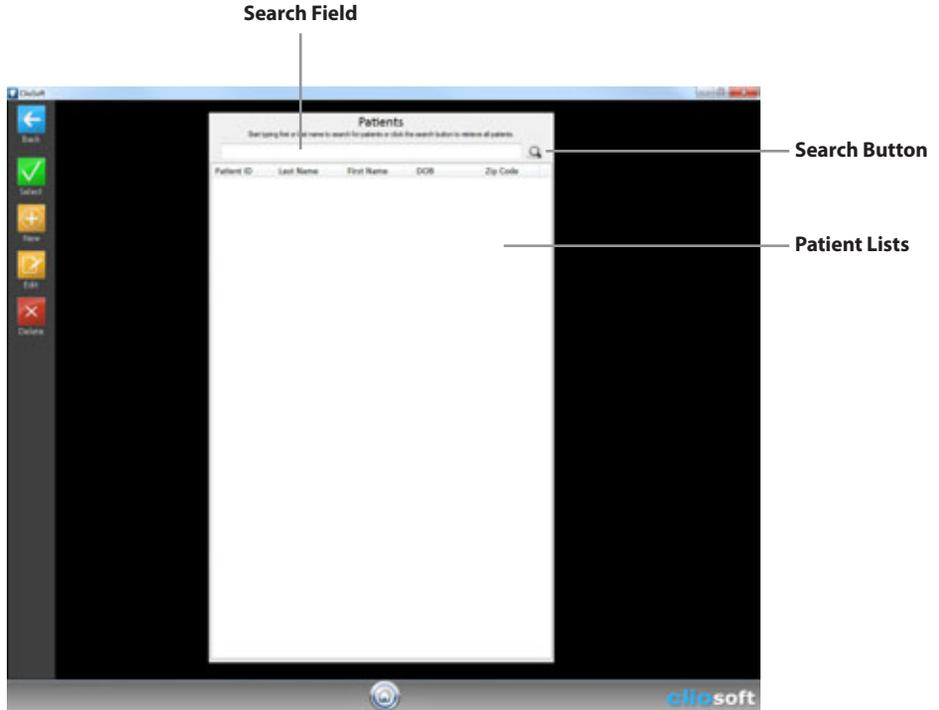
Chapter 4 Patients



About Patients

ClioSoft lets you easily access, create, and edit your patient lists. You can open Patients screen from Home screen.

* For first time use, ClioSoft guides you to create a new patient.



You may search patients by ID number:
How to search by ID number:

- 1) Click in search field.
- 2) For example, type "#123" and the respective patient will appear in the list.
- 3) When creating a new patient, you may edit the patient ID # anytime.
- 4) Also, after creating a new patient, that patient will automatically be selected.

Searching a Patient

You can start typing a first or last name, or an ID number (type “#” then the number) to search for patients or click the search button to retrieve all patients.

Adding New Patient

Click the New button and fill out the patient information, and click the Save button.

Editing a Patient

Select a patient and click the Edit button.
Change the patient information and click the Save button.

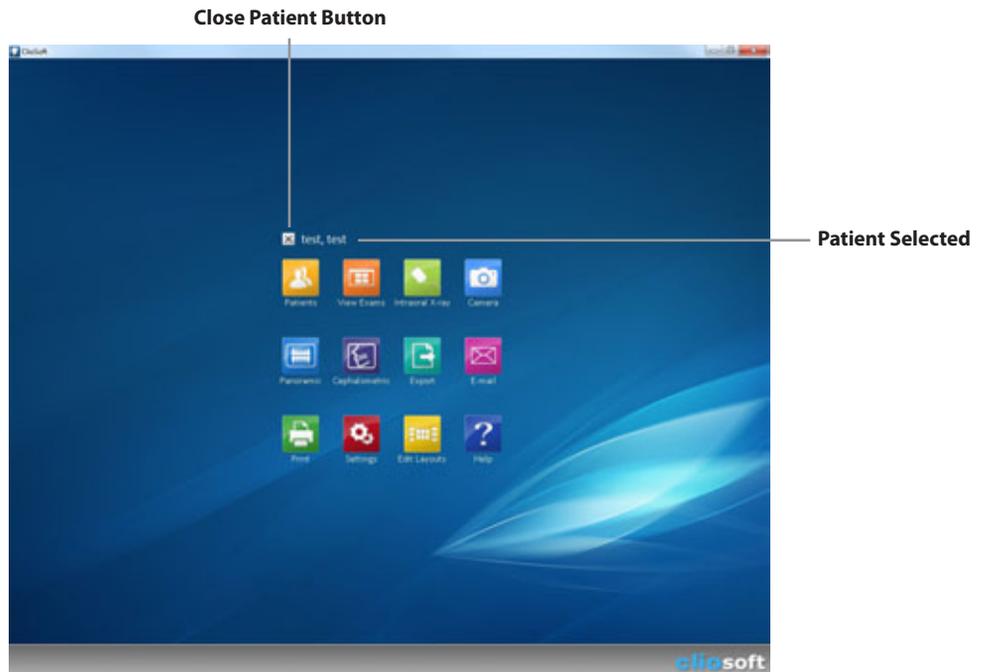
Deleting a Patient

Select a patient and click the Delete button.
When the Warning message appears, click Yes.

Accessing a Patient

Click the patient in the patient lists and Click the Select button.

When a patient is selected, ClioSoft will bring you to the Home screen, and the Home screen will show the patient name.



Chapter 5 View Exams

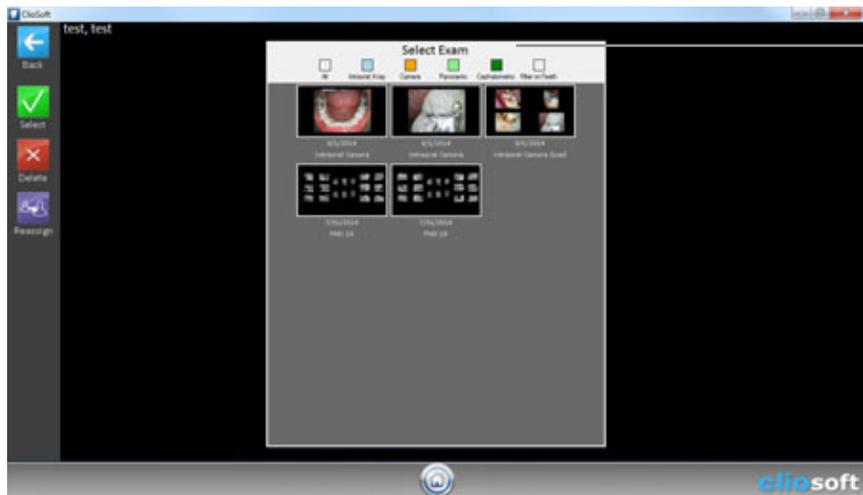


About View Exams

ClioSoft lets you easily access and manage exams.
You can open View Exams screen from Home screen.

* When you open View Exams without a patient selected, ClioSoft will show you the Patient List screen to choose a patient.

Selected Patient



Exam Thumbnails

Viewing an Exam

Click the exam in the Select Exam screen and Click the Select button.

Filter Exams

To filter exams by categories such as x-ray, camera, pan, ceph, or filter on teeth, click on corresponding filter buttons at the top of the menu.

Re-assign Exam

If an exam is taken in the wrong patient file by mistake, select the exam and click the re-assign button on the left, which will then bring up a patient list. From there, select the right patient and the exam will be moved.



Viewing an Image

Click the image from the exam layout, then ClioSoft will show you the expanded single image on the screen.



Using Mini-Layout to Move to Another Image

If the layout has multiple images, you can move to another image by using the Mini-Layout tools.

When you click the Mini-Layout button, ClioSoft will show the mini-layout screen.
Click another image you want to see.
Click the left or right arrow button on the sides of the Mini-Layout button,

Or click the right or left arrow button on the sides of the Mini-Layout button will bring the next or previous image in the screen.



Adjusting Brightness and Contrast

When you click and hold on the image, the Brightness/Contrast Adjustment Cursor will show up and make you adjust brightness and contrast of the image.

Moving the cursor RIGHT increases contrast.
Moving the cursor LEFT decreases contrast.
Moving the cursor UP increases brightness.
Moving the cursor DOWN decreases brightness.

Using Image Tools

When an image is selected, you can use the image tools described below:

Zoom Tools

**Zoom In Tool Button**

Use this button to magnify the image in the screen.

**Zoom Out Tool Button**

Use this button to shrink the image in the screen.

Annotation Tools

**Pen Tool Button**

Use this button for free drawing on the image.

**Arrow Tool Button**

Use this button for drawing arrows on the image.

**Oval Tool Button**

Use this button for drawing oval shape on the image.

**Text Tool Button**

Use this button for writing text on the image.

**Measure Tool Button**

Use this button to measure from a point to another point.

**Erase Tool Button**

Use this button to erase a portion of the annotation.

**Swap Tool Button**

Use this button to switch the annotation color between black and white.

**Clear Tool Button**

Use this button to clear all annotations.

Image Processing Tools

**Rotate Tool Button**

Use this button to rotate the image clock-wise.

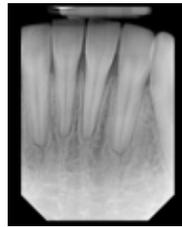
**Mirror Tool Button**

Use this button to flip the image left and right.

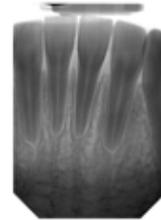


Invert Tool Button

This process inverts the gray-scaled image.



Original



Processed

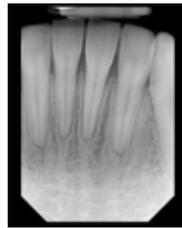


Brightness/Contrast Tool Button

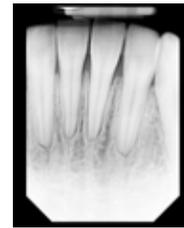
Use this button to adjust the brightness and contrast.

When you click the button, ClioSoft applies the Auto Contrast filter.

Then, you can adjust the brightness and contrast manually by moving the Brightness/Contrast Adjustment Cursor.



Original

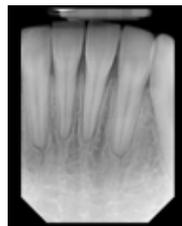


Processed

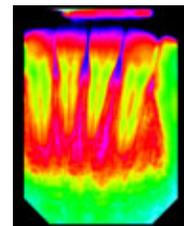


Colorize Tool Button

This process colorizes the gray-scaled image.



Original

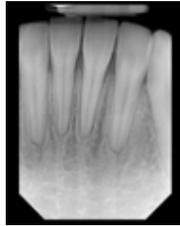


Processed



Spotlight Tool Button

This process emphasizes a portion for visual aid.



Original



Processed

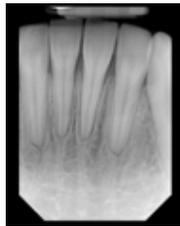


SOTA POP 2 Tool Button

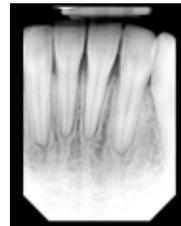
SOTA POP 2 (Proprietary Optimization Procedure)

ClioSoft provides the special image enhancement processing.

This process generates the optimized image for review.



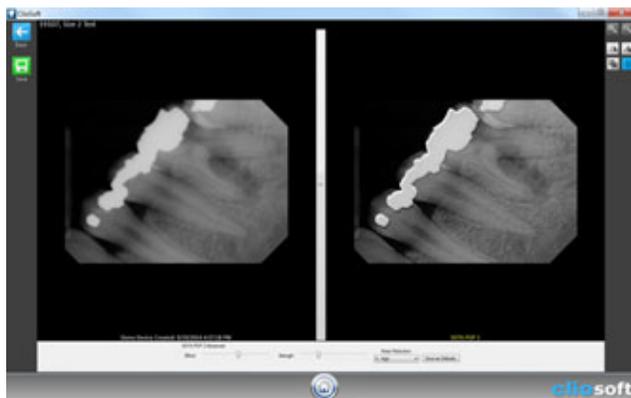
Original



Processed

SOTA POP 2 Advanced

To adjust the effects of SOTA POP 2, click on the “^” button next to the SOTA POP 2 button. This will pull up a menu which allows you to toggle the strength of the filter.



Function Icons



Export

Export ClioSoft exam or image to the computer in picture file format.
(Chapter 9: Export)



E-mail

E-mail ClioSoft exam or image by using the default e-mail program selected in the computer.
(Chapter 10: E-mail)



Print

Print ClioSoft exam or image to the printer.
(Chapter 11: Print)



History

Compare the images that have the same tooth numbers.
(Chapter 13: History)



Cart

Compare images in the Cart.
(Chapter 14: Cart)



Modify Exam

Modify the exam.
You can retake the images in the exam.



About IO X-ray

ClioSoft lets you easily take intraoral x-ray images. You can open the IO X-ray screen from Home screen.

- * When you open IO X-ray without a patient selected, ClioSoft will show you the Patient List screen to choose a patient.
- * Please make sure the Clio Intraoral X-ray Sensor connected before opening IO X-ray.

When you open the IO X-ray, ClioSoft shows the thumbnails of the layout that contains the intraoral x-ray sensor placeholders.



Once all placeholders are filled, the auto-capturing stops and shows the View Exam screen.



Taking an X-ray Image

Click one placeholder you want to take and click the Capture button.

When you see the Take X-ray message, take x-ray. ClioSoft shows the taken image in 5 seconds. You can change the time in settings. (See Capture x. Settings)

* If the placeholders in the exam layout do not have the tooth numbers assigned, ClioSoft will show the Tooth Number Chart to assign the tooth numbers. If you do not want to save the tooth numbers in the captured image, click Cancel to skip.

You can also change the setting not to ask the tooth numbers in Settings. (See Chapter 2. Getting Started - Settings)

Retaking an Existing X-ray Image

While taking x-ray images, if you want to retake an image already taken in the placeholder, click the placeholder and click the Delete button. Then, start the capturing process again.

Drag and Drop

While taking x-ray images, if you want to move or drag an image already taken in the placeholder to another placeholder, click and hold the image and drag it to the desired placeholder.

Chapter 7 Camera



About Camera

ClioSoft lets you easily take intraoral camera images. You can open the Camera screen from Home screen.

- * When you open the Camera without a patient selected, ClioSoft will show you the Patient List screen to choose a patient.
- * Please make sure the Claris Intraoral Camera is connected before opening the Camera.

When you open the Camera, ClioSoft shows the thumbnails of the layout that contains any intraoral camera placeholders.



Taking Intraoral Camera Images

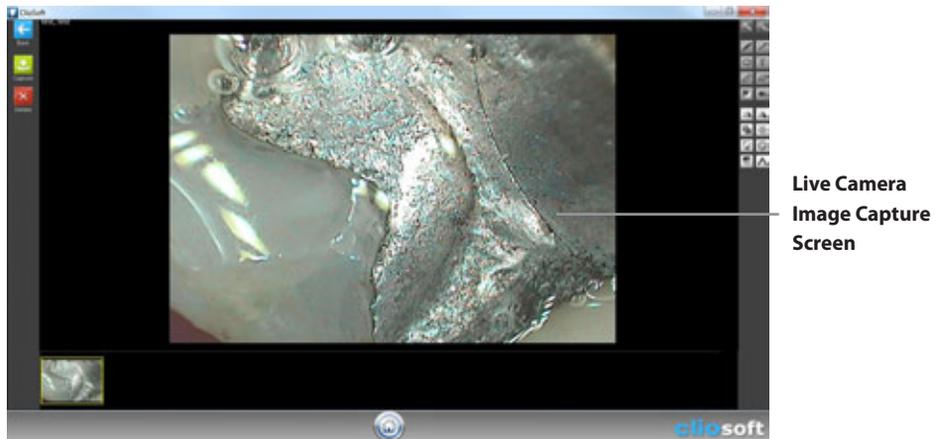
Select a layout from the Select Layout screen and click the Select button.

Taking Unlimited Intraoral Camera Images

This unlimited capture is designed for multiple capturing without a layout.

Click the Unlimited layout and click Select.

Click the Capture or press the capture button on the camera, then ClioSoft opens the Live Camera Image Capture Screen.



Click the Capture in the Live Image Screen or press the capture button on the camera. Then, ClioSoft freezes the live image.

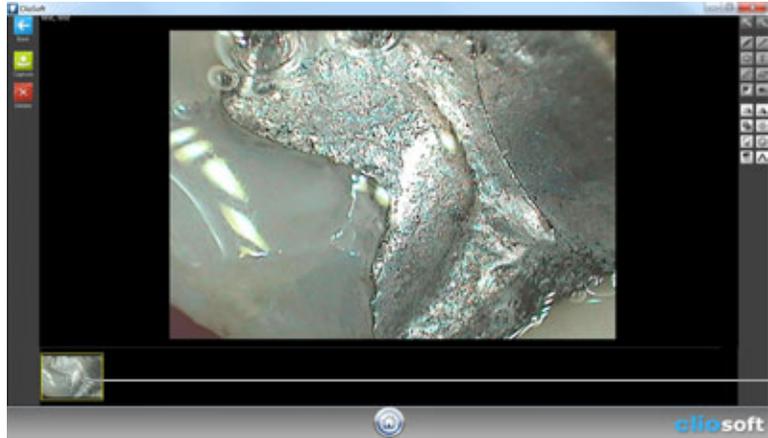
Click or press the capture button on the camera again, then ClioSoft will grab the image and place it in the queue below.

* When you click the Retake, ClioSoft will delete the captured image and retake a new image in its place.

When capturing is done, click the home button. ClioSoft will ask you to keep the exam. Click 'Yes' to save or click 'No' to delete the captured images.

Click one placeholder you want to start and click the Auto button.

ClioSoft will start taking intraoral images in order of the order numbers.

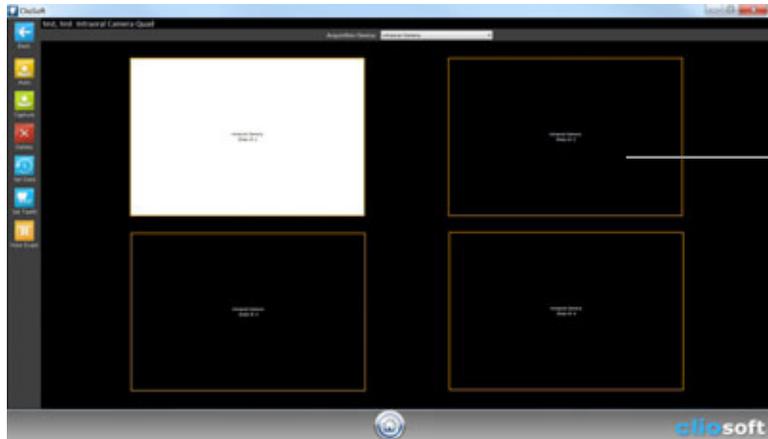


Captured Images

Taking Intraoral Camera Images Automatically

This function is designed for hands-off from the keyboard or mouse operation.

* Please make sure the placeholders in the exam layout must have the order numbers.



Placeholder
with order #
and tooth #

In every single capture, ClioSoft shows the live image screen.

After every single capture, ClioSoft shows the taken image in 5 seconds. You can change the time in settings. (See Chapter 2. Getting Started - Settings)

* If you want to stop auto-capturing, click Cancel in the live image screen.

Once all placeholders are filled, the auto-capturing stops and shows the View Exam screen.



Taking an Intraoral Camera Image

Click one placeholder you want to take and click the Capture button.

When you see the live image screen, capture an image. ClioSoft shows the taken image in 5 seconds. You can change the time in settings. (See Chapter 2. Getting Started - Settings)

* If the placeholders in the exam layout does not have the tooth numbers assigned, ClioSoft will show the Tooth Number Chart to assign the tooth numbers.

If you do not want to save the tooth numbers in the captured image, click Cancel to skip.

You can also change the setting so it does not ask the tooth numbers in Settings. (See Chapter 2. Getting Started - Settings)

Retaking an Existing Intraoral Camera Image

While taking x-ray images, if you want to retake an image already taken in the placeholder, click the placeholder and click the Delete button. Then, start the capturing process again.

Chapter 8 Pan

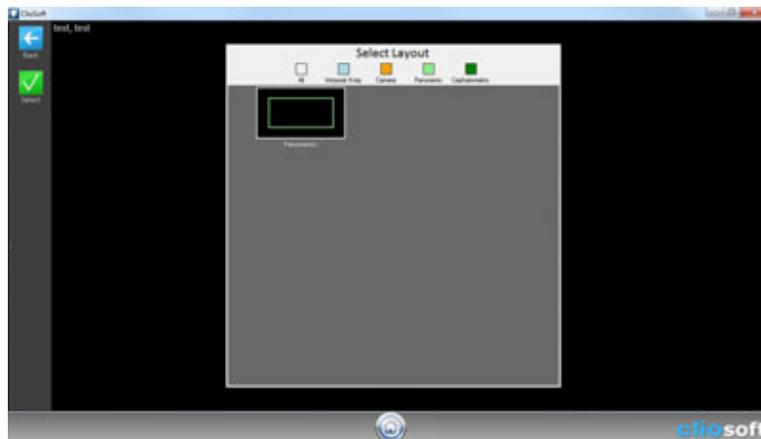


About Pan

ClioSoft lets you easily take panoramic x-ray images. You can open the Pan/Ceph screen from Home screen.

- * When you open Pan without a patient selected, ClioSoft will show you the Patient List screen to choose a patient.
- * Please make sure the panoramic x-ray machine connected through the TWAIN driver before opening Pan.

When you open the Pan, ClioSoft shows the thumbnails of the layout that contains the panoramic or placeholders.



Taking Pan X-ray Images

Select a layout form the Select Layout screen and click the Select button.

Taking an Pan X-ray Image

Click one placeholder you want to start and click the Capture button.

ClioSoft shows the Acquisition In Progress... screen.

It displays three messages, Preparing..., TWAIN, and Processing... in order.

When the message shows TWAIN, take pan x-ray.

This process may require the TWAIN capture process provided the pan manufacturer.

Please contact the manufacturer of your device for the operation.

After capturing, ClioSoft shows the taken image in 5 seconds. You can change the time in settings. (See Chapter 2. Getting Started - Settings)

* If you want to stop capturing, click Cancel in the Acquisition in Progress...

Once the placeholder is filled, the capturing stops and shows the View Exam screen.



Retaking a Pan X-ray Image

While taking pan x-ray image, if you want to retake an image already taken in the placeholder, click the placeholder and click the Delete button. Then, start the capturing process again.

Chapter 9 Ceph



About Ceph

ClioSoft lets you easily take cephalometric x-ray images. You can open the Ceph screen from Home screen.

- * When you open Ceph without a patient selected, ClioSoft will show you the Patient List screen to choose a patient.
- * Please make sure the cephalometric x-ray machine connected through the TWAIN driver before opening Ceph.

When you open the Ceph, ClioSoft shows the thumbnails of the layout that contains the cephalometric placeholders.



Taking Ceph X-ray Images

Select a layout from the Select Layout screen and click the Select button.

Taking an Ceph X-ray Image

Click one placeholder you want to start and click the Capture button.

ClioSoft shows the Acquisition In Progress... screen.

It displays three messages, Preparing..., TWAIN, and Processing... in order.

When the message shows TWAIN, take ceph x-ray.

This process may require the TWAIN capture process provided the ceph manufacturer.

Please contact the manufacturer of your device for the operation.

After capturing, ClioSoft shows the taken image in 5 seconds. You can change the time in settings. (See Chapter 2. Getting Started - Settings)

* If you want to stop capturing, click Cancel in the Acquisition in Progress...

Once the placeholder is filled, the capturing stops and shows the View Exam screen.



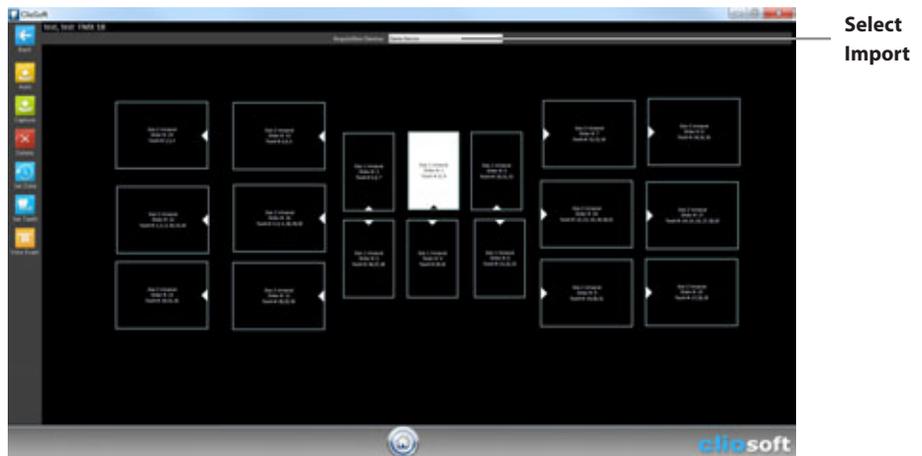
Retaking a Ceph X-ray Image

While taking a ceph x-ray image, if you want to retake an image already taken in the placeholder, click the placeholder and click the Delete button. Then, start the capturing process again.

Chapter 10 Importing

About Importing

ClioSoft lets you easily import image files. Open any layout from either x-ray or intraoral images, and choose import from the drop-down menu.



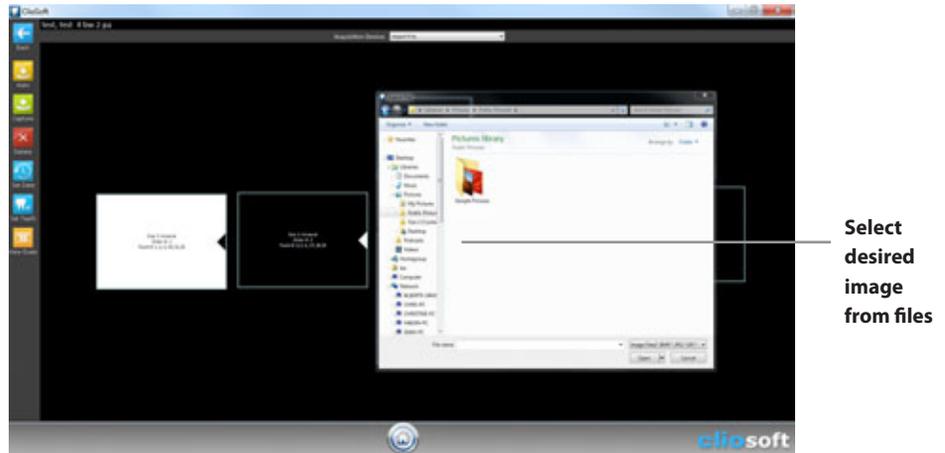
Note: x-ray layouts will give black and white imported images whereas intraoral layouts will give color images.

Importing Image Files

Select a layout from the Select Layout screen and click the Select button.

Importing Multiple Image Files Automatically

* Please make sure the placeholders in the exam layout must have the order numbers.



Click one placeholder you want to start and click the Auto button.

ClioSoft will start importing image files in order of the order numbers.

ClioSoft opens the Import File window.



Select an image file you want to import to the placeholder. Then, click Open.

ClioSoft shows the imported image in 5 seconds. You can change the time in settings. (See Chapter 2. Getting Started - Settings)

* If you want to stop importing, click Cancel in the Import File window.

Once all placeholders are filled, the importing stops and shows the View Exam screen.

Importing an Image File

Click one placeholder you want to take and click the Capture button.

ClioSoft opens the Import File window. Select an image file you want to import. Then, click Open.

ClioSoft shows the imported image in 5 seconds. You can change the time in settings. (See Chapter 2. Getting Started - Settings)

Re-importing an Existing Image

While importing image files, if you want to re-import an image already placed in the placeholder, click the placeholder and click the Delete button. Then, start the importing process again.

Chapter 11 Export



About Export

ClioSoft lets you easily export images or layouts to image files. You can open the Export screen from Home screen or Exam View screen.

* When you open Export without a patient selected, ClioSoft will show you the Patient List screen to choose a patient.

When you open the Export, ClioSoft shows the thumbnails of the layout that contains the exams.



Exporting Images

Click the exam in the Select Exam screen and Click the Select button.



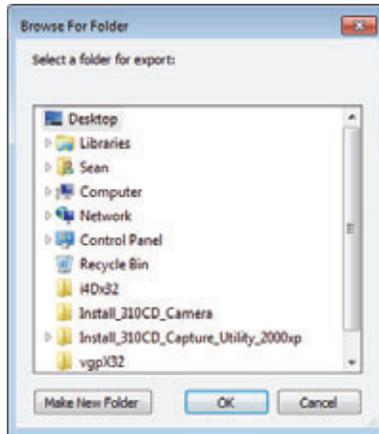
Click the Export button.



Exporting an Image

Select one placeholder you want to export and click the Export button.

ClioSoft opens the Browse For Folder window.



Point a folder to export the image. Then, click OK.

Exporting All Images

Click the Export All button.

ClioSoft opens the Browse For Folder window.

Point a folder to export all images. Then, click OK.

Exporting the Exam Layout

Click the Export Exam button.

ClioSoft opens the Browse For Folder window.

Point a folder to export the exam layout. Then, click OK.

Chapter 12 E-mail

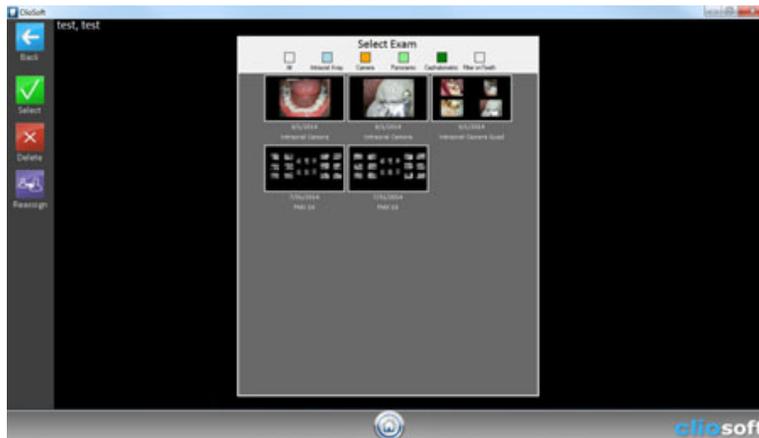


About E-mail

ClioSoft lets you easily E-mail images or layouts to mail recipients. You can open the E-mail screen from Home screen or Exam View screen.

* When you open E-mail without a patient selected, ClioSoft will show you the Patient List screen to choose a patient.

When you open the E-mail, ClioSoft shows the thumbnails of the layout that contains the exams.



E-mailing Images

Click the exam in the Select Exam screen and Click the Select button.



Click the E-mail button.



Chapter 13 Print



About Print

ClioSoft lets you easily print images or layouts to the printer. You can open the Print screen from Home screen or Exam View screen.

* When you open Print without a patient selected, ClioSoft will show you the Patient List screen to choose a patient.

When you open the Print, ClioSoft shows the thumbnails of the layout that contains the exams.

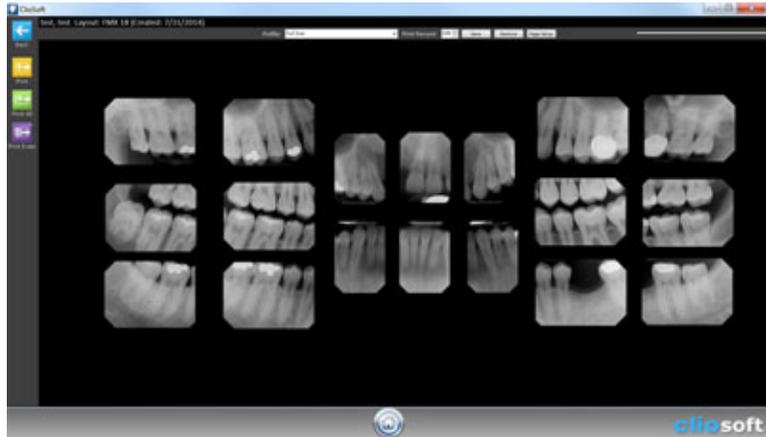


Printing Images

Click the exam in the Select Exam screen and Click the Select button.



Click the Print button.



**Print Settings
Bar**

Print Setting Bar

You can save your own setting for printing.

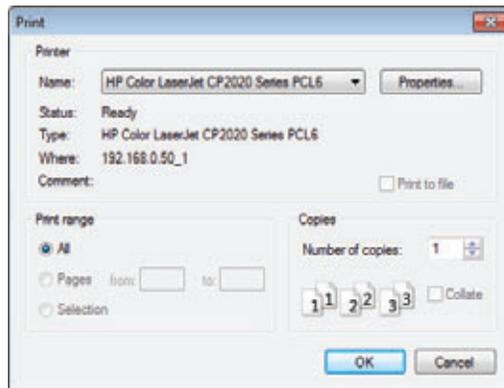


Print percentage determines how much of the paper will be used for the printed image. It is default at 100%.

Print an Image

Select one placeholder you want to print and click the Print button.

ClioSoft opens the Print window.



Select a printer in the list and click OK.

E-mailing All Images

Click the Print All button.

ClioSoft opens the Print window.

Select a printer in the list and click OK.

E-mailing the Exam Layout

Click the Print Exam button.

ClioSoft opens the Print window.

Select a printer in the list and click OK.

Chapter 14 Edit Layouts

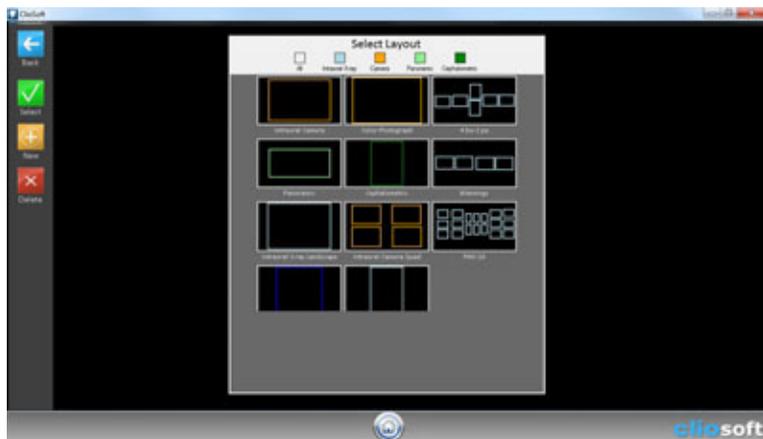


About Edit Layouts

ClioSoft is a layout driven dental imaging software. You can easily access, create, and edit layouts.

You can open Edit Layouts screen from Home screen.

When you click Edit Layouts button from Home screen, it will show the following Select Layout screen.



Adding New Layout

Click the New button to create a new layout. it will show the layout edit screen.



By using layout edit tools described below, place placeholder(s), set location and size of the placeholder(s), set tooth number, set the order of acquisition, set the layout name, and save.

Using Layout Edit Tools

You can use the layout edit tools described below:

Size and Orientation Tools



Zoom In Tool Button

Use this button to size up the placeholder selected in the layout.



Zoom Out Tool Button

Use this button to size down the placeholder selected in the layout.



Rotate Tool Button

Use this button to rotate the orientation of the placeholder selected.



Flip Tool Button

Use this button to flip the orientation of the placeholder selected.

Placeholders Tools



Add an Intraoral X-ray Size 0 Sensor Placeholder

Use this button for adding an intraoral x-ray size 0 sensor placeholder.



Add an Intraoral X-ray Size 1 Sensor Placeholder

Use this button for adding an intraoral x-ray size 1 sensor placeholder.



Add an Intraoral X-ray Size 1.5 Sensor Placeholder

Use this button for adding an intraoral x-ray size 1.5 sensor placeholder.



Add an Intraoral X-ray Size 2 Sensor Placeholder

Use this button for adding an intraoral x-ray size 2 sensor placeholder.



Add a Panoramic X-ray Placeholder

Use this button for adding a panoramic x-ray placeholder.



Add a Cephalometric X-ray Placeholder

Use this button for adding a ceph picture placeholder.



Add an Intraoral Camera Placeholder

Use this button for adding an intraoral camera placeholder.

Setup Tools



Set Tooth Numbers

Use this button to set tooth numbers for the placeholder selected.



Set Capture Order

Use this button to set the order of acquisition.



Set Layout Name

Use this button to set the layout name.



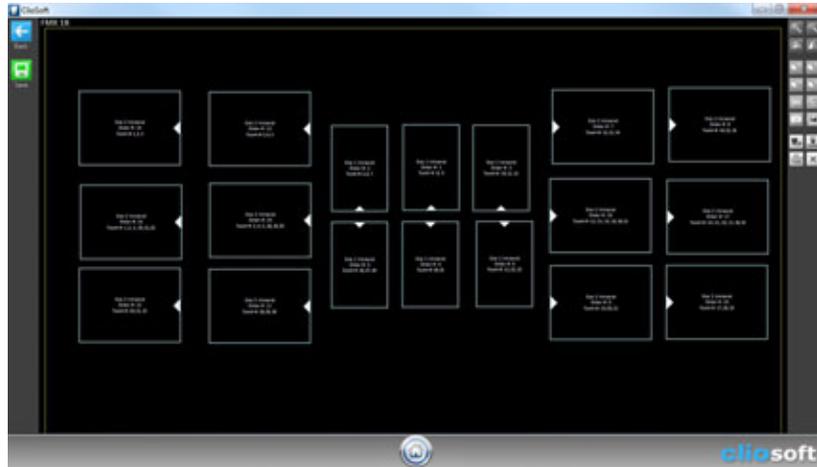
Delete

Use this button to delete the placeholder selected.

Editing a Layout

Select a layout in the Select Layout screen and click Select button. (See the picture on page 49)

The selected layout will show in editing mode.



Edit the layout by using layout edit tools and save.

Deleting a Layout

Select a layout in the Select Layout screen and click Delete button. (See the picture on page 49)

Chapter 15 History

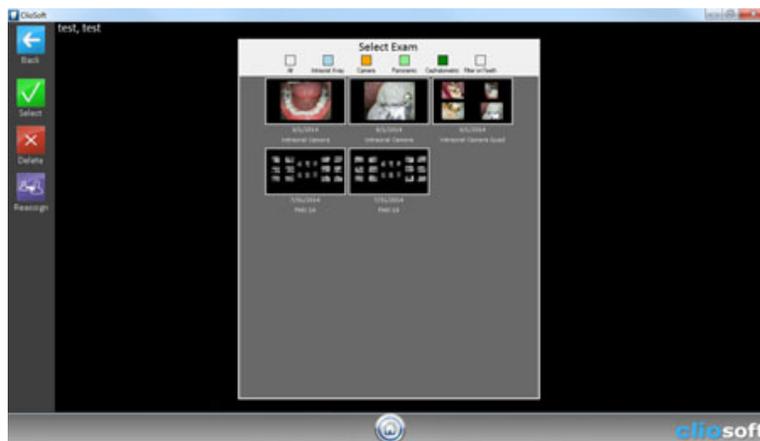


About History

ClioSoft lets you easily compare images that have the same tooth number under a patient.

You can access History from any Exam View screen.

Click one image you want to see the history in the exam.



Click the History button. It will bring you to the History screen.



The bottom slide shows all images that have the same tooth number under the patient. On the left side screen, the image you selected from the exam will show. On the right side screen, the image you choose from the bottom slide will show.

In Settings, you can change to show only the exact same teeth for history.

Chapter 16 Cart

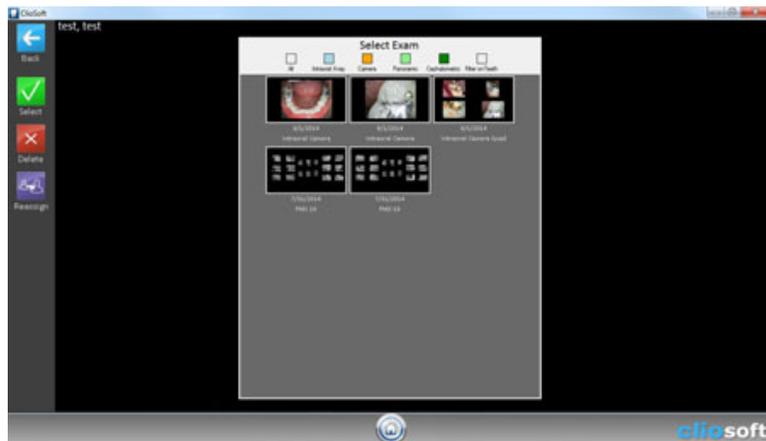


About Cart

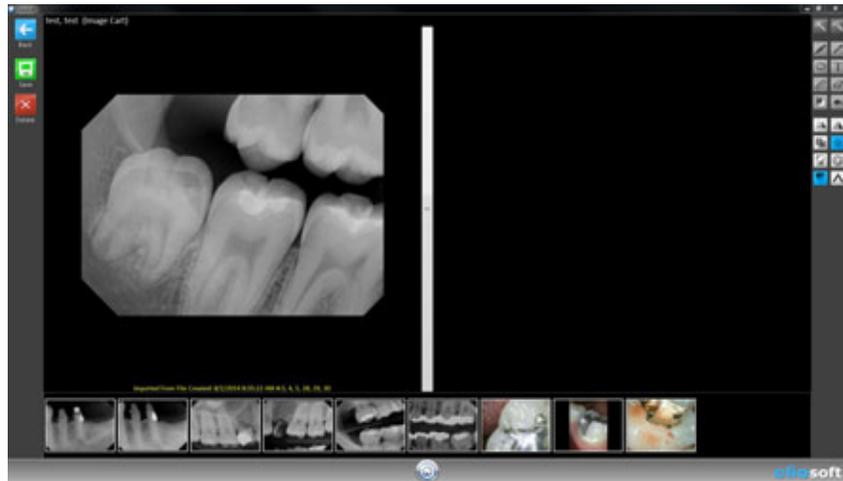
ClioSoft lets you easily compare any image from any patient by using Cart.

You can access Cart from any Exam View screen.

Click one image you want to compare in any exam.



Click Cart button. It will bring you to the Cart screen.



The bottom slide shows all images that you have saved.

On the left side screen, the image you selected from the exam will show.

On the right side screen, the image you choose from the bottom slide will show.

Click Save button to save the image in the Cart.

Go back to another patient or same patient to choose a image that you want to compare side by side.

Select another image and click Cart button. It will bring you to the Cart screen again.

Now, you will see the previously saved image in the bottom slide and the image that you choose in the left side screen.



When you click an image in the bottom slide, the image will show in the right side screen.

Now, you can compare two images side by side.

You can save any image to the bottom slide and can delete any image from the bottom slide by clicking Save and Delete button on the left panel in the Cart screen.

