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Eaglesoft, a Patterson Technology

What's New in Eaglesoft 24.20

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What's New Guide

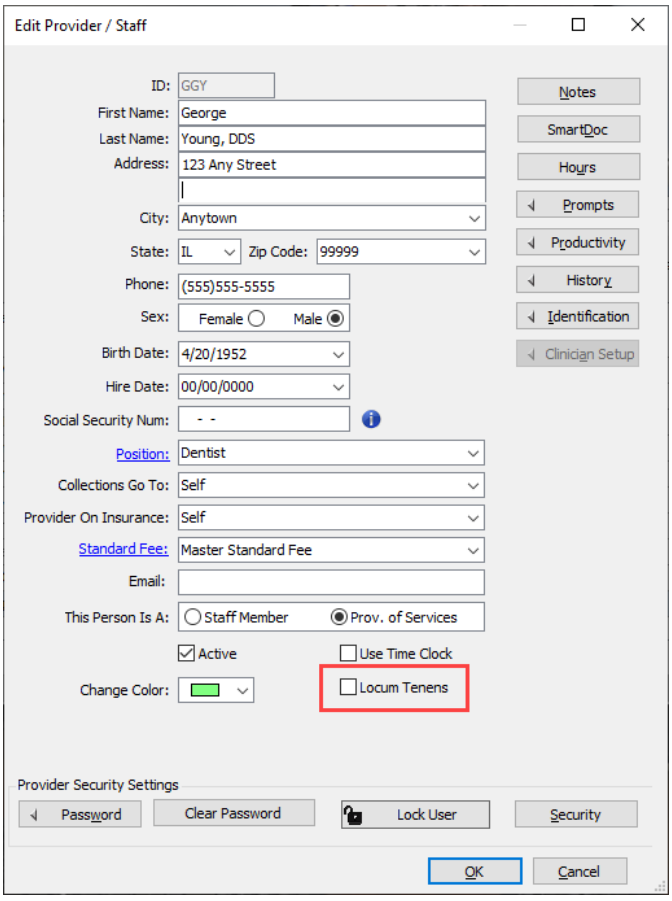
Welcome to Eaglesoft version 24.20. The following guide will introduce a breakdown of the enhancements, features and corrections included in this new version.

Contents

ADA 2024 Claim Form

The new ADA 2024 claim form is now available in Eaglesoft 24.20.

- Mark a provider as a Locum Tenens for fields on the ADA 2024 claim form.



SmartDoc

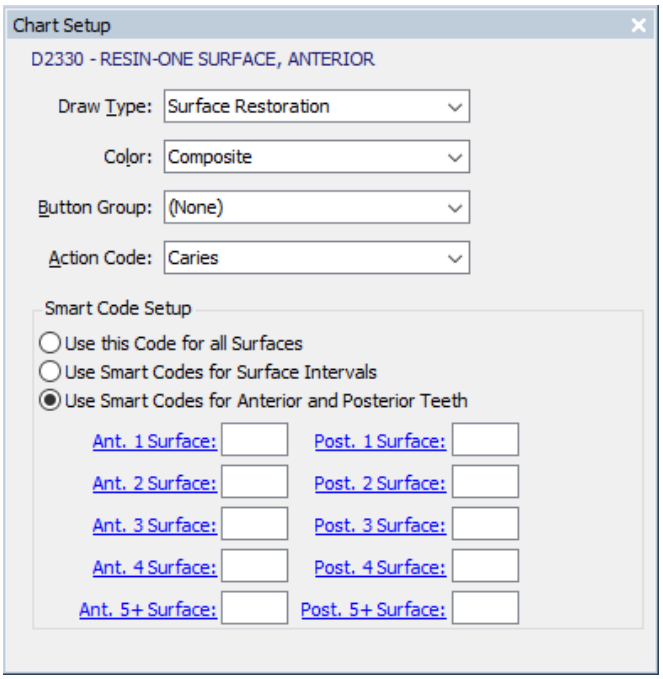
- New Document Viewer for word processing documents.
- TWAIN Scanning updated to allow for a wider range of scanner brands to work with Eaglesoft. The new TWAIN scanning is available in Legacy SmartDoc.

Smart Code Anterior/Posterior Logic

Service codes now can differentiate between anterior and posterior teeth with added smart code logic. **NOTE* This only applies to service codes with an affected area of **surface**.*

1. From the list menu, choose a service code.
2. Select Edit, and the Edit Service Code window appears
3. Select Chart Setup.

Under Smart Code Setup, select the radio button **Use Smart Codes for Anterior and Posterior Teeth**



Enter the proper service code for each Anterior Surface and Posterior Surface

4. When you have entered your selected services, click X to close the Chart Setup window, then click OK in the edit service code window to save your changes.
5. Repeat each service code in the series that need set up.
6. Verify the preference is checked in File | Preferences | General to 'Use Smart Codes in Walkout and Treatment Plan.'

IOSS Integration

Beginning in Eaglesoft 24.20.02, the previous Schick (CDR) integration is replaced by an integration with Schick's Intraoral Sensor Software (IOSS). This new integration will require the IOSS program to be installed on all machines that will be used to acquire new Schick images as well as machines that will be filtering these new Schick images. Schick sensor drivers will now be installed via IOSS.
NOTE: This integration can only be installed and used on 64-bit machines.

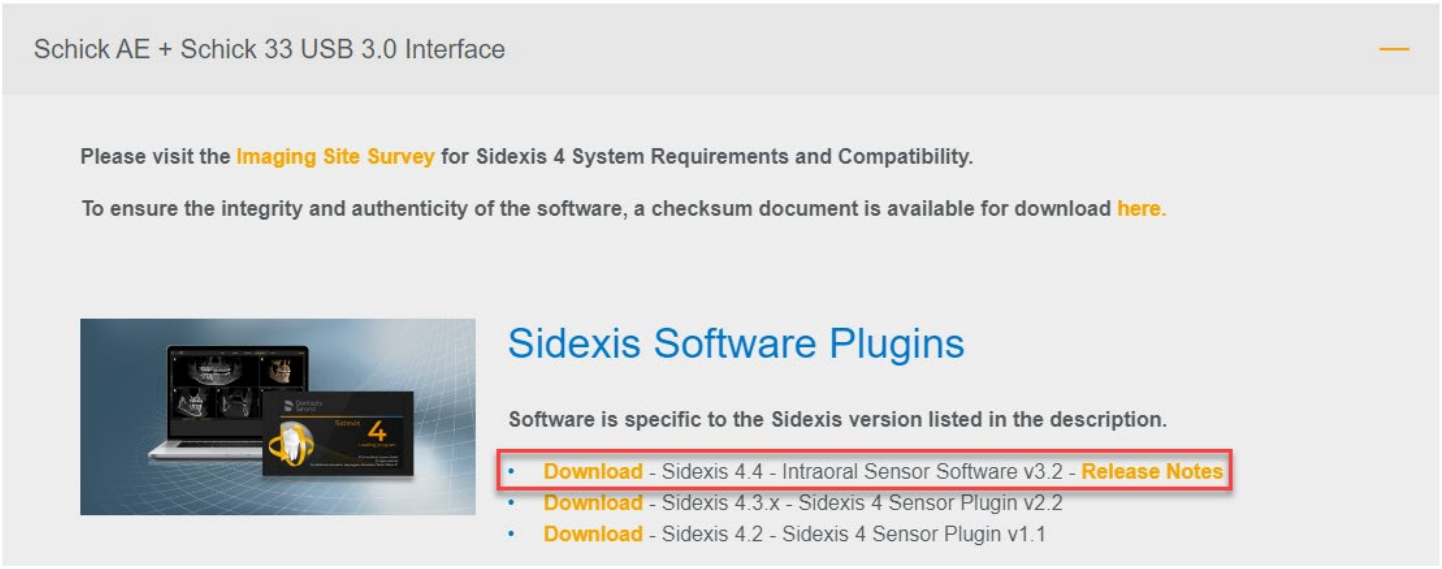
Schick IOSS is only compatible with Schick Elite, Schick 33, and Schick AE sensors.

To make setup with the IOSS integration easier, we recommend that you copy down your image enhancement settings prior to upgrading to 24.20.

Images acquired via IOSS will be 16-bit images (.ESP files). This will result in larger file sizes for your images. **Please make sure you have adequate hard drive space on your server for these larger images. Also make sure that the new .ESP files are included in your backups.**

Downloading IOSS

The download for IOSS can be found here (https://www.dentsplysironasupport.com/en-us/user_section/user_section_imaging/schick_brand_software.html). Expand the section for **Schick AE + Schick 33 USB 3.0 Interface** and click **Download** next to the Sidexis 4.4 – Intraoral Sensor Software v3.2 option.

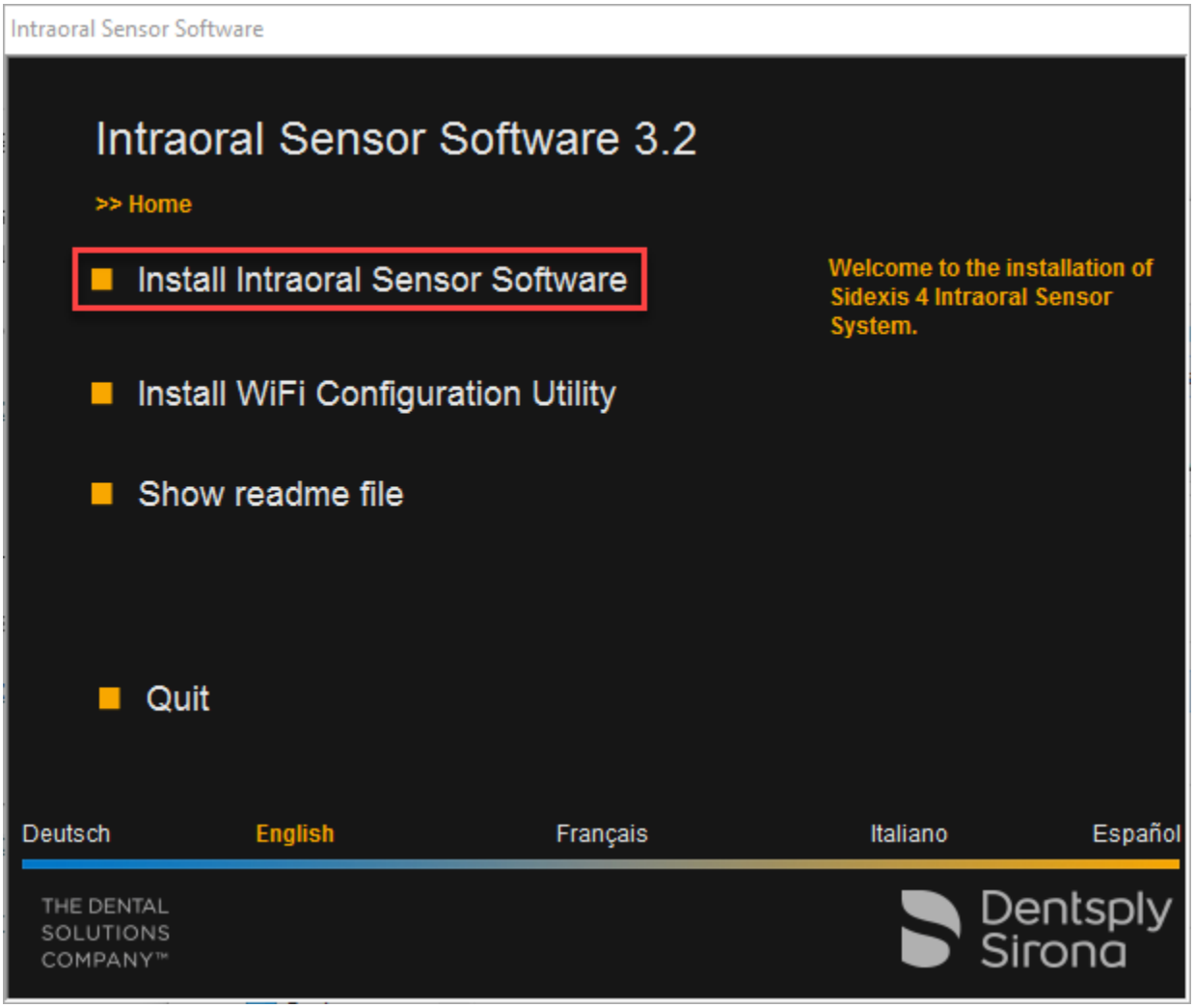


Save the zip file to an easy to access location such as the Desktop or Downloads folder on the machine.

Installing IOSS

If CDR is installed on the machine you are installing IOSS on, you may uninstall CDR. CDR will no longer be used inside of Eaglesoft for acquiring images. CDR has also been discontinued by Sirona. IOSS will install and run with CDR still installed, but it is recommended to remove CDR.

Extract the files from the downloaded IOSS_v3.2.zip. Locate the **Autorun.exe** in those extracted files and run it. Choose the option to **Install Intraoral Sensor Software** and proceed through the wizard.



- No changes are needed during the installation.
- The default install path is **C:\Program Files\Sirona\Intraoral Sensors**
- If there is any need to manually install drivers from Device Manager, the location of the .inf file is: **C:\Windows\System32\DriverStore\FileRepository\synergyusbx64.inf_amd64_f89c0d37af39b1ad**

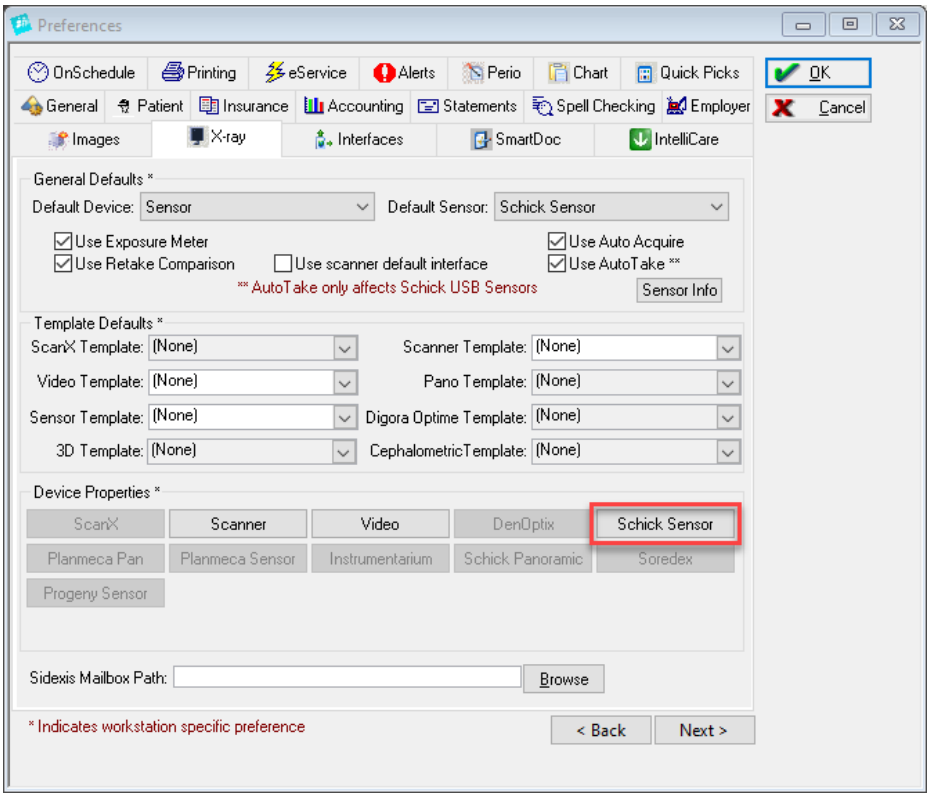
The IOSS install provides two necessary components for sensor functionality:

- IOSS Configuration Application – located under **Start | Intraoral Sensor Software | Intraoral Sensor Configuration Application**
- IOSS Service – Sirona Intraoral Sensor Service, located in **Windows Services (Services.msc)**

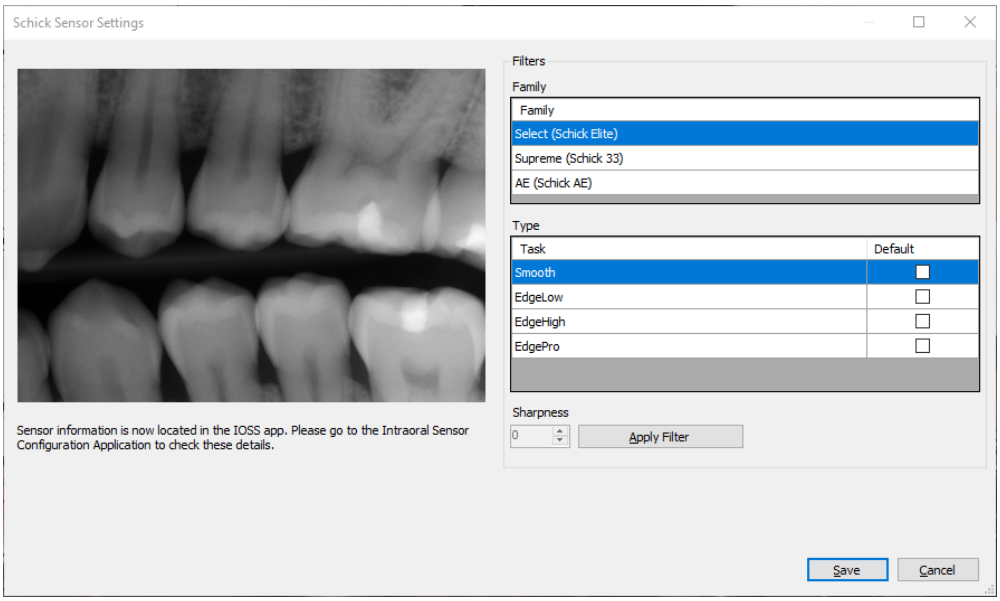
Setting up IOSS in Eaglesoft

Before using your Schick sensors with 24.20, you must first set up the default static enhancement that will be applied when you acquire an image with your sensor. **NOTE: A default static enhancement must be assigned for your sensor prior to acquiring an image with the IOSS integration.**

You only need to set up the default static enhancement from one machine. This setting will be saved in the database and be the same throughout the office for that device family. Go to File | Preferences | X-Ray tab and click the Schick Sensor button.

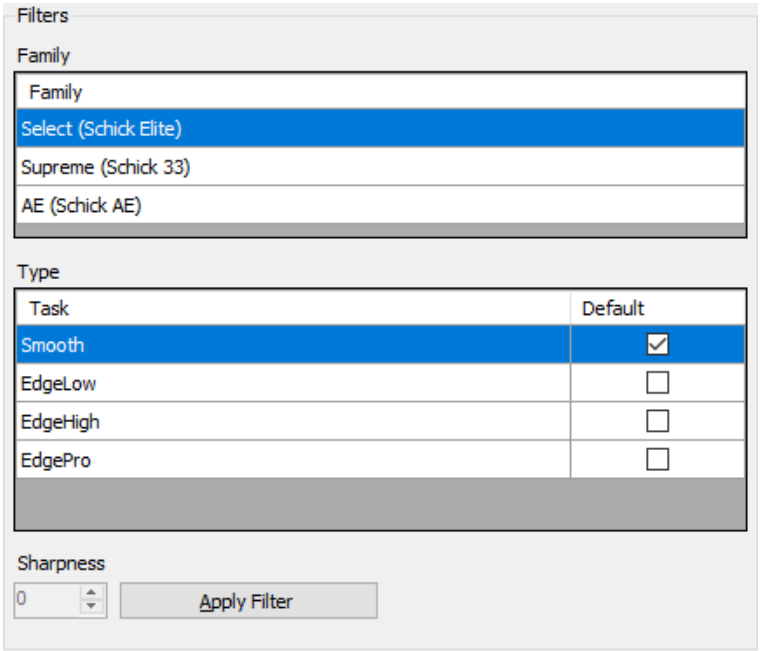


This window will allow you to set up the default static enhancement for your Schick Sensor(s).



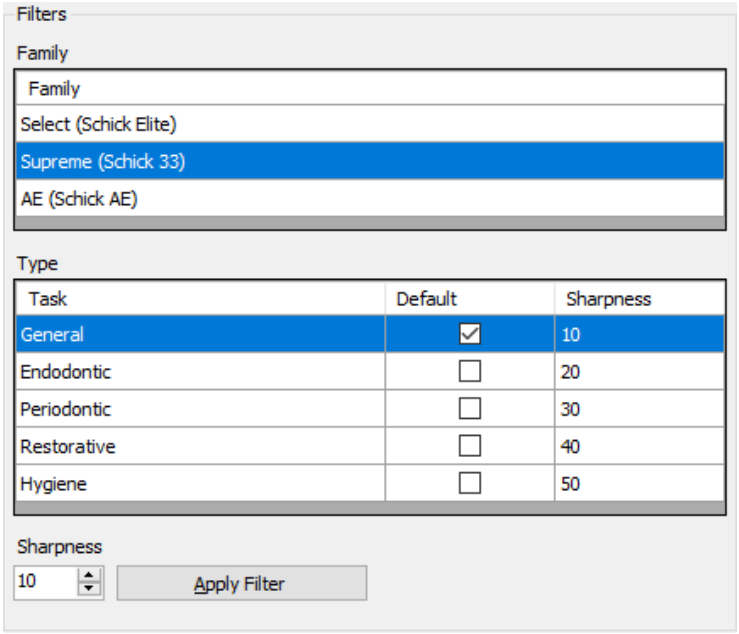
In the Family section, select the sensor that you have. This will update the available Tasks in the lower Type box.

Schick Elite Schick Elite sensors do not have custom sharpness options. Choose the Select family and mark the Default box for the Task that you prefer. Click Save to save your selection.

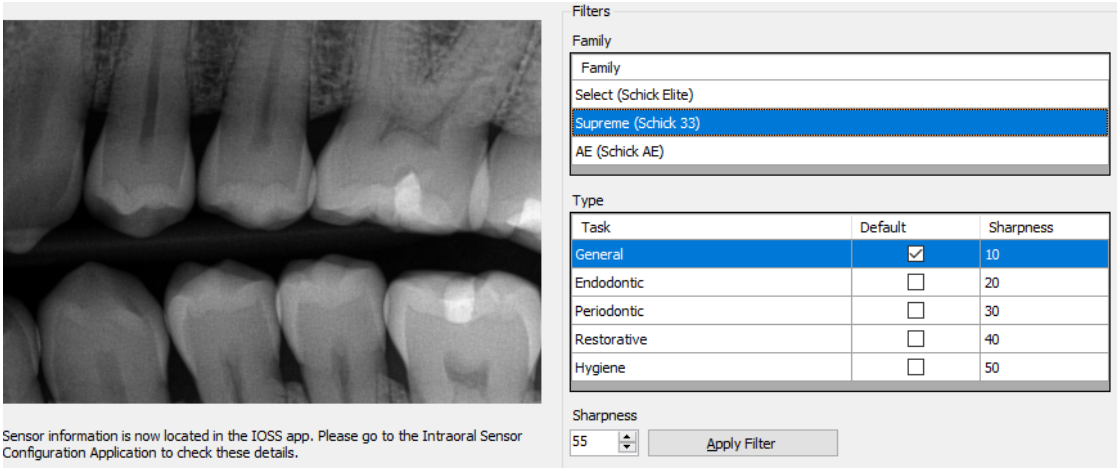


Schick 33

Schick 33 sensors will allow you to set a customized Sharpness level. Select the Supreme family and mark the Default box for the Task that you prefer.

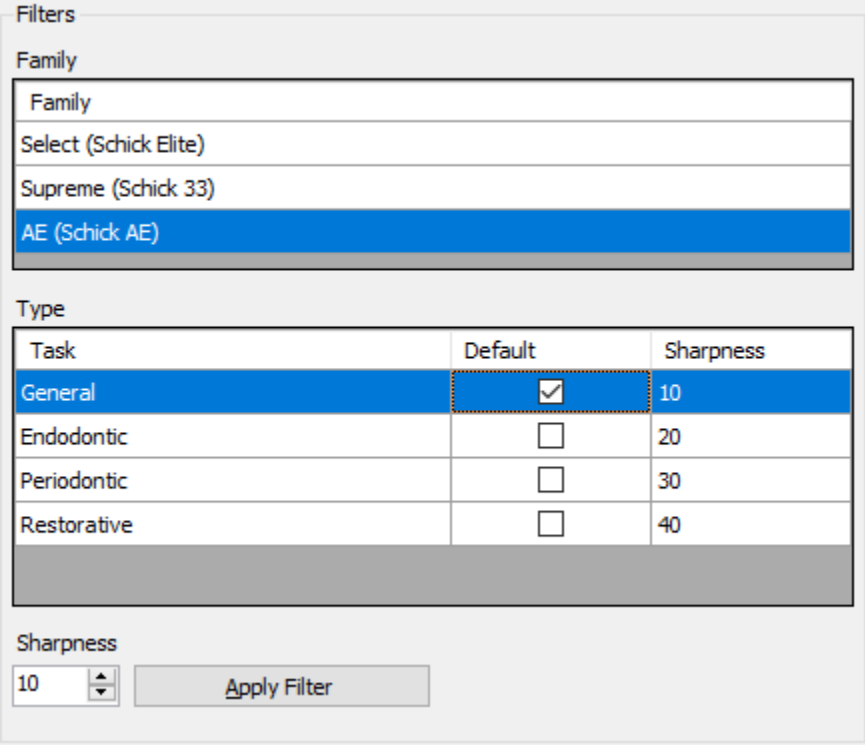


Adjust the Sharpness value by either entering in the value you want with your keyboard or using the up and down arrows. Click Apply Filter, or press Enter on your keyboard, to view the enhancement on the sample image on the left. If you are happy with this Sharpness level, click the Save button to save your changes.

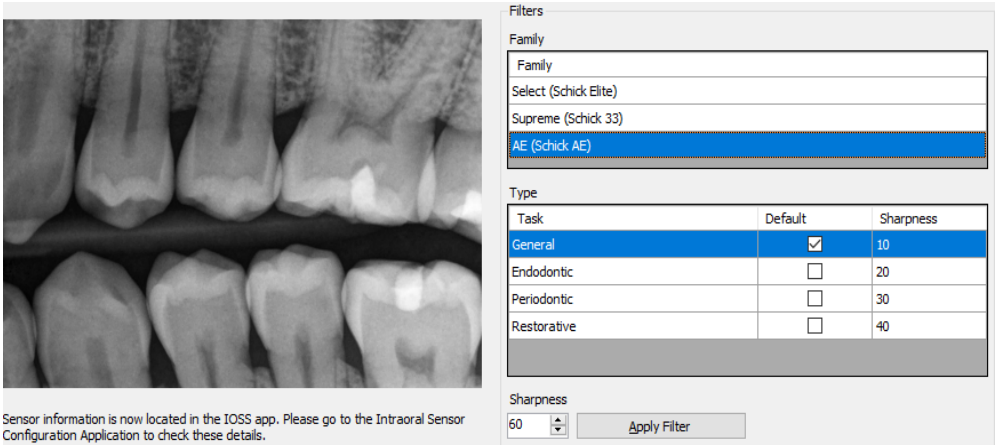


Schick AE

Schick AE sensors will allow you to set a customized Sharpness level. Select the AE family and mark the Default box for the Task that you prefer.



Adjust the Sharpness value by either entering in the value you want with the keyboard or using the up and down arrows. Click Apply Filter, or press Enter on your keyboard, to view the enhancement on the sample image on the left. If you are happy with this Sharpness level, click the Save button to save your changes.



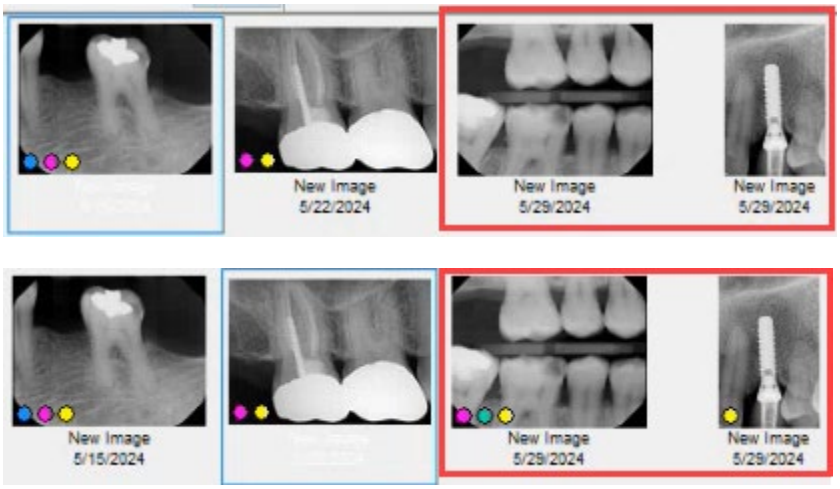
The Sharpness value in the Type section will update after you click Save. Clicking Save will close out of the window.

If you have sensors from other families to set up, click the Schick Sensor button again to reopen the window and repeat the process to set up your other sensor(s). If you only have one sensor family, then you are done after setting up the default enhancement for it and can acquire images now.

Pearl Second Opinion Update

Auto Refresh in Exam

When a new image is sent to Pearl to receive analysis, users will no longer be required to leave the exam and re-enter to see newly analyzed images. The radiograph thumbnails will automatically show thumbnail indicators and analysis when received from Pearl.



Removed Primary Tooth Validation

Eaglesoft will no longer internally validate the image checking for primary teeth. The 4 validations from ES are now:

1. image height has to be less than 7,000
2. image width has to be less than 7,000
3. image total pixels has to be less than 33,330,000 pixels
4. image must be greyscale

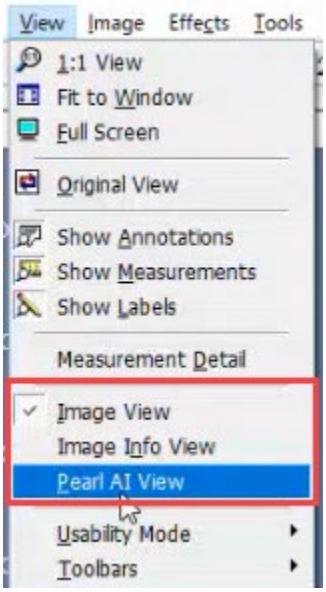
Pearl Analysis Results Transfer with Image Between Patients

Related files that contain Pearl analysis are connected to the related radiograph during transfers. This will ensure users can transfer images between patients while keeping the related Pearl Second Opinion analysis.

Hot Keys to Switch Views in Advanced Imaging

Users can now use Alt + V + P to switch to Pearl View in Advanced Imaging and Alt + V + I to select Image View. The Pearl AI button in Advanced Imaging will mimic the selected view:

- Image View – Non-Compressed Button
- Pearl View – Compressed Button

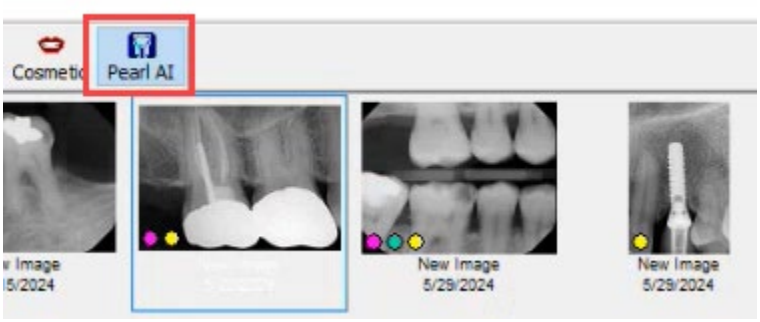


Thumbnail Indicators tied to Manage Integrated Applications

Thumbnail indicators will now always show on images that have received analysis when the user has the Pearl Native Integration enabled in the Managed Integrated Applications window. This is a change from the use of the Pearl AI button in Advanced Imaging.

Pearl AI Button View Toggle Update

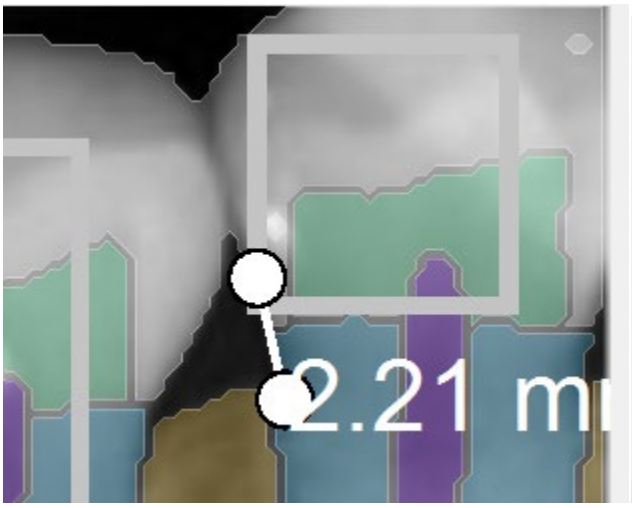
The Pearl AI button in Advanced Imaging toggles the view between “Image View” and “Pearl View”. When the button is compressed, the image is in Pearl View. When the button is de-compressed, the image is in Image View. The button no longer affects the indicators in Advanced Imaging.

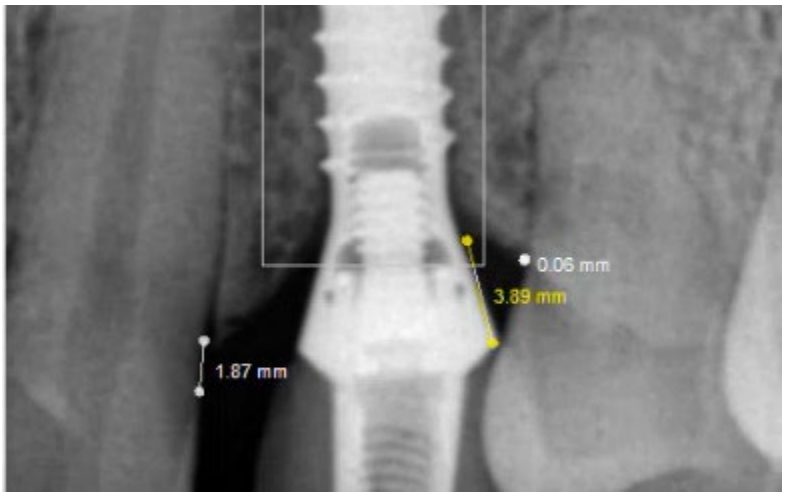


The image shows a compressed Pearl AI button.

Measurement Option Resizes with Image

The measurement annotations now scale up or down based on the image size, giving the appearance to the user that the annotations are the same size on every image. As of 6/3/2024 there are still overlap issues with the measurement annotations, this is an issue that Pearl will fix and will automatically be updated inside Eaglesoft.





Release Notes

The following items were corrected in this release to provide more seamless functionality.

- Smart Code Logic for Anterior\Posterior Surface CDT Codes
- Upgrade to Sirona's iOSS 3.0 Platform
- Enhanced Security
- Bug Fixes
  - ADA 2024 printed form will now show Address Line 2 in Box 11
  - Eaglesoft would not open after installation if a twain scanner was ever configured on the machine.
  - Pearl timers to send images will start immediately after enabling feature without needing to restart the Eaglesoft server
  - Expanded the password length for CarePay+ setup to match provider password length.