

## Summary

The KOSMOS 1.0.58 system software update release provides the following features:

- ◇ Auto-labeling tool
- ◇ Handle controller support for a subset of system controls

This document provides EchoNous Sales and Clinical Support personnel and Biomedical Engineering customers with information regarding this software revision.

## System Software v1.0.58 Update

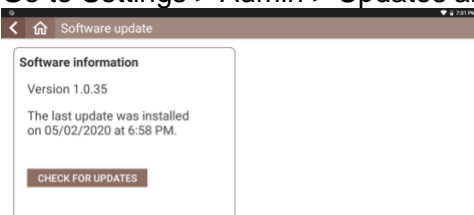
The v1.0.58 system software features the following improvements:

- ◇ Improved “New Patient” workflow - requires fewer steps to get to live imaging after entering required patient information.
- ◇ Improved battery level indication –battery level indications and low battery warnings are improved for clarity. Imaging is available down to 0% battery level.
- ◇ Improved power management – system will automatically shut down after a predefined (and configurable) duration in sleep state.

## Update Process

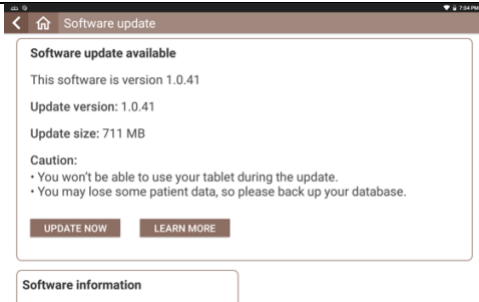
### Over Wi-Fi

- ◇ Connect WiFi network with internet connection.
- ◇ Go to Settings > Admin > Updates and press CHECK FOR UPDATES as shown below:



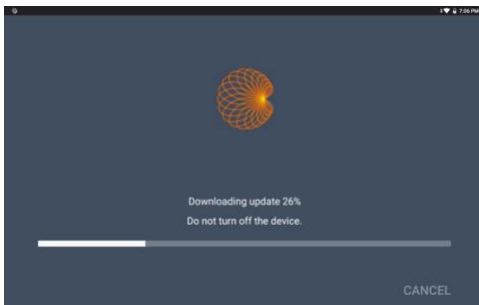
- ◇ The device will connect with the update server and you will see the following screen:

The picture shown below is an example of the screen you will see. **The Update version indicated will be 1.0.58.**

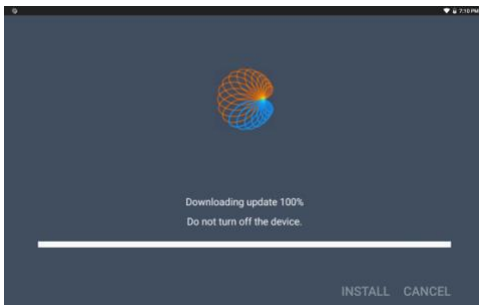


Press UPDATE NOW button.

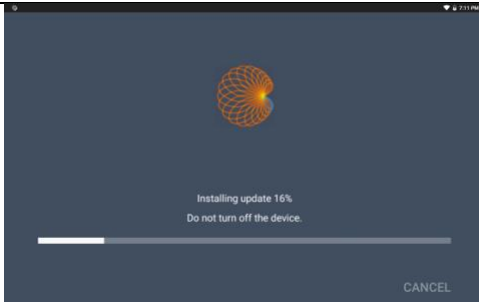
- ◇ The device begins to download the update package from the server and you will see the progress of download as shown below:



- ◇ When the downloading of the update package is completed, press the INSTALL button as shown below:



- ◇ Installation of the download package takes about a minute or two and you will see the progress of the installation as shown below:

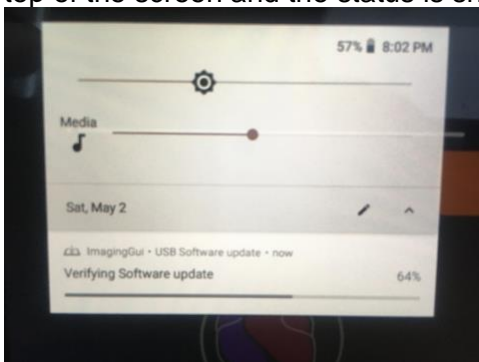


- ◇ Once the installation is completed the Kosmos Bridge will reboot and you will see a message on the screen saying that the update is completed.

## Using USB Flash Drive

If the device cannot be connected to the Internet, the software may be updated by means of a USB flash drive. Contact Customer Service for a USB flash drive certified for your system serial number. Note that KOSMOS System Software must be installed from an EchoNous flash drive and is only authenticated for a specific serial number.

- ◇ Plug the USB Flash Drive directly into the USB-C port on the side of the KOSMOS Bridge. The system will recognize the USB drive and begin to verify its contents. This could take 2 to 3 minutes to complete. You can check the progress of this verification by swiping down from the top of the screen and the status is shown as below:

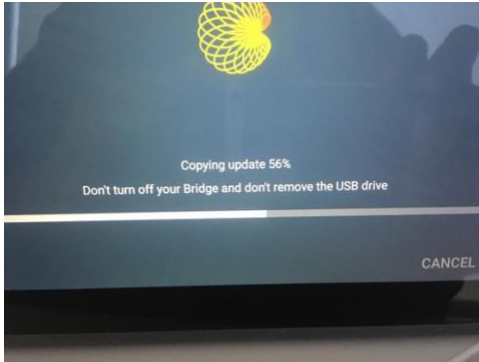


- ◇ Once the verification of the contents of the plugged in USB drive is completed you will see a popup as shown below:

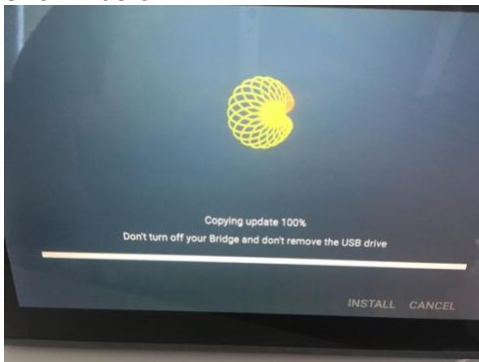


Press the INSTALL button.

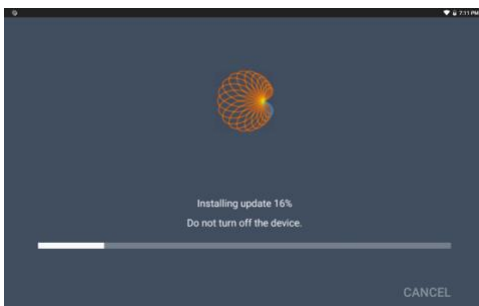
- ◇ Kosmos Bridge will begin copying the update package from the USB drive and the following screenshot shows the progress of this copying.



- ◇ When the Kosmos Bridge completes copying the update package, press the INSTALL button as shown below:



- ◇ Kosmos Bridge will begin to install the update the installation screen will look as shown below:



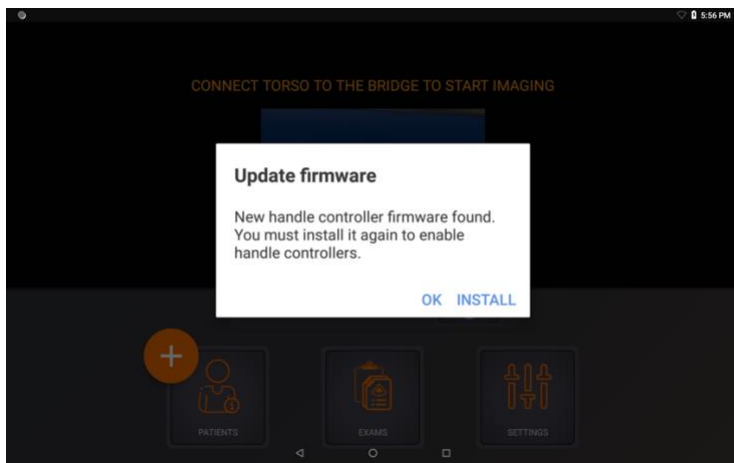
- ◇ Once the installation is completed, Kosmos Bridge will automatically reboot and you will see a popup indicating the completion of the update process.

## Enabling the Handle Controller

The Handle Controller feature can be enabled from the Home Screen by selecting the check box highlighted in the picture below:



When the Handle Controller is enabled for the first time after this software update, KOSMOS BRIDGE will prompt the user to update the Handle Controller firmware as shown below:



Press the **INSTALL** button on the popup to update the Handle Controller firmware and KOSMOS Bridge will proceed to install the firmware as shown below:

