UPGRADING YOUR
Bard Access Systems Imaging Device

You will need:
- USB removable drive (2GB or more)
- Computer to run the Device Manager application
- Bard Access Systems imaging device
- Bard Access Systems device serial number

Use the following instructions to upgrade your Bard Access Systems imaging device to the most current version of software. These instructions apply to software upgrades available on or after October 2016

1. Download the Device Manager available here.
   https://bardaccess.com/assets/upgrade/imaging/prod/setup.exe
   This step is not necessary if you already have the Device Manager installed.

2. If necessary, launch the Device Manager application.
   Start Menu > All Programs > Bard Access Systems > Bard Device Manager

   ![Device Manager](image)

3. Select “Manage Devices” then Enter your Bard Access Systems imaging device serial number into the Device Manager. If you are upgrading a saved device proceed to step 4.

   ![Device Manager](image)
Select “New Update” and follow the directions to download the upgrade to your USB drive. 
**Note:** All contents on the USB drive will be erased.

After the software update has been downloaded to the USB drive, remove it from the computer. 
**Insert the USB drive into the Bard Access Systems imaging device.**

Answer yes when prompted to proceed with the upgrade. If the upgrade does not initiate, try using a different USB drive. For stand alone Sherlock® systems follow the appropriate Instructions For Use to complete the upgrade.

Follow the on-screen prompts to complete the software upgrade. Do not attempt to cancel the upgrade procedure, or remove the USB drive, as this may cause applications to malfunction.

If an error occurs during the upgrading procedure, reboot the system and repeat the upgrade procedure. 
If the error persists, contact the Bard Access Systems technical/clinical support at 1-800-443-3385.

Restart the system.

Confirm desired software version is displayed in the system information.

**Please consult product labels and inserts for any indications, contraindications, hazards, warnings, precautions, and directions for use. 
Please refer to the Instructions for Use appropriate to the Bard Access device you are upgrading, for any questions or further instruction.**

BARD ACCESS SYSTEMS, INC. • 605 North 5600 West • Salt Lake City, UT 84116 USA • customer service: 800-545-0890 • clinical information: 800-555-7422

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Site~Rite™ 8 Ultrasound System 2.1.0 Upgrade

This document provides instructions and best practices for the Site~Rite™ 8 Ultrasound System (2.1.0) software upgrade as well as troubleshooting tips.

Normal installation is estimated to take 30 to 40 minutes.

1. Disconnect all items plugged into the Site~Rite™ 8 Ultrasound System USB ports. (Printer, sensors, keyboard, etc.)
2. Connect the Site~Rite™ 8 Ultrasound System to the external power supply. Do not perform the upgrade while running from battery power. Turn the system on and allow it to boot to the ultrasound screen.
3. Insert the USB drive containing the 2.1.0 software upgrade into the blue colored USB 3.0 port on the Site~Rite™ 8 Ultrasound System. (It is the bottom USB port on the side of the Site~Rite™ 8. Ultrasound System. See Figure 1.) Do not remove the USB drive until step 7.

![Figure 1 – Blue USB 3.0 Port](image)

4. Select/press the green checkmark when prompted to proceed with the upgrade. (There may be a delay before the checkmark appears.)

With the Installation In-Progress

- Do not attempt to cancel the upgrade procedure or remove the USB drive, as this may cause applications to malfunction. See Figure 2.
- There will be multiple shutdowns and restarts during this process.
- The progress bar (See Figure 2) reflects the overall progress of the upgrade through all shutdowns and restarts. The update will progress automatically once it is started. There is no need for user input. The progress bar will be completely filled when the upgrade is complete.
5. Installation is complete when the system shows its power is off (BARD Logo is no longer lit up.) or when the ultrasound screen appears. If the power is off at the end of the installation, press the power button on the Site~Rite™ 8 Ultrasound System to restart the system.

6. Confirm the installation is successful.
   a. Click on the Settings Button/Wrench icon (see Figure 3) on the bottom right corner of the ultrasound screen.
b. Click on the system information tab at the top of the settings screen (Figure 4). The following screen will appear:
c. Verify that the Software Version indicates ‘2.1.0’

7. It is now safe to remove the USB drive.

Troubleshooting

If the system is on a black screen with the cursor (+), perform the following steps:

1. Do not remove the USB drive
2. Be patient and let the system sit for up to an hour to see if it recovers.
3. If after an hour the system has not restarted, shut it down by pressing the power button until the BARD Logo turns off.
4. Turn the system back on.

If the BARD Logo light is off for over 5 minutes perform the following steps:

1. Press the power button to turn the system back on.
2. If the system does not turn on try the following:
   a. Unplug the system from the power supply
Site~Rite™ 8 Ultrasound System 2.1.0 Upgrade

b. Turn the battery connection switch off (See Figure 6)
c. Let the system sit for 1 minute
d. Turn the battery connection switch on and plug the system back in.
e. Press the power button.
f. System should restart to the ultrasound screen.

If the red exclamation shown in Figure 5 displays during the Upgrade, it indicates that the system was unable to upgrade. If the exclamation displays, try the following:

- Reboot the system and repeat the upgrade procedure again with the same USB drive
- Reboot the system and repeat the upgrade procedure again with a different USB drive

If the error persists, contact the Bard Access Systems technical/clinical support at 1-800-443-3385.

Figure 5 – System Upgrade Error
Site~Rite™ 8 Ultrasound System 2.1.0 Upgrade

If additional errors occur during the install process, try the following:

- If the system stops updating with a Blue Screen or has other errors during the upgrade, try the following:
  - Reboot the system and repeat the upgrade procedure again with the same USB drive.
  - It may be necessary to hold the power button in for 5-10 seconds to allow the system to restart so the system can retry the upgrade process.
  - If the system does not restart, disconnect the power supply from the system and locate the battery switch on the side of the Site~Rite™ 8 Ultrasound System. (shown in Figure 6). Move the switch to the X. Let the system sit for 10 seconds and then move it back to the √. Reconnect the power supply and press the power button to turn the system on. Let the system reboot and try the install again.

![Figure 6 – Battery Switch](image)

- Reboot the system and repeat the upgrade procedure again with a different USB drive.
- Retry multiple times if necessary.

If the error persists, contact the Bard Access Systems technical/clinical support at 1-800-443-3385.
Site~Rite™ 8 Ultrasound System 2.1.0 Upgrade

An issued or revision date for these instructions is included for the user’s information. If two years have lapsed between the issued revision date and use of the product, contact Bard Access Systems, Inc. to see if any additional product information is available.

Revision date: May 2020

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