



# i-STAT 1 SYSTEM PRODUCT UPDATE

## November 2022 Mandatory Software Update and Release Notes

This update includes information regarding new software for the i-STAT 1 Analyzer. **This is a mandatory i-STAT 1 Software update.** The i-STAT 1 Analyzer software may be downloaded directly from the Abbott Point of Care website: [www.globalpointofcare.abbott](http://www.globalpointofcare.abbott).

### Reminder(s):

- Customers must have a user account at [www.globalpointofcare.abbott](http://www.globalpointofcare.abbott) to access software files.
- Customers using the i-STAT 1 Analyzer no longer receive CD-ROMs as part of their software update package unless they previously indicated they do not have internet access.
- If a CD-ROM is required, please contact Abbott Point of Care Technical Services at 800-366-8020, option 1, option 1, or at [techsvc@apoc.abbott.com](mailto:techsvc@apoc.abbott.com).

### SOFTWARE VERSION

The correct version of software and CLEW to install in your analyzers is listed below.

<b>STANDARD SOFTWARE</b>
JAMS154 & CLEW A45

Please note that the current software expires 14-December-2022.

**Expiration Date** Fifteen days before the software expires, a message will be displayed on the analyzer screen to alert the user of the pending expiration date. If this update is not performed by 8:00am on 14-December-2022, testing will be disabled and the analyzer will display “EXPIRED SOFTWARE – UPDATE REQUIRED – SEE MANUAL” (quality check code 12).

*The new software expires 21-June-2023.*

### VALUE ASSIGNMENT SHEETS (VAS and eVAS)

Value Assignment Sheets (VAS and eVAS) for the new CLEW A45 may be downloaded or printed from the Abbott Point of Care website: [www.globalpointofcare.abbott](http://www.globalpointofcare.abbott).

## STANDARDIZATION

### CLEW Update

The i-STAT 1 System is designed to eliminate operator influence on delivered results. The micro-fabricated sensor technology produces repeatable results from lot to lot which allow the analyzers to use the same set of standardizing values for extended periods of time.

Nevertheless, continuous manufacturing process improvements made by Abbott Point of Care necessitate re-establishing standardization values from time to time to maintain long-term consistency. This is equivalent to adjusting calibration on a traditional analyzer. It has been our practice to accomplish this with periodic releases of software. This new CLEW re-establishes the standardization and incorporates refinements to the internal quality monitoring system.

Future shipments of cartridges may require the installation of this software prior to the use of the cartridges. Failure to update prior to using these cartridges will result in quality check code 69, "CARTRIDGE TYPE NOT RECOGNIZED."

This software supports all current non-expired cartridges.

## TECHNICAL BULLETINS

Three Technical Bulletins located within the i-STAT 1 System Manual have been updated.

- *Network Options for Updating the i-STAT 1 Analyzer Using* [www.globalpointofcare.abbott](http://www.globalpointofcare.abbott) was updated for the termination of support for i-STAT/DE version <2.8.0.1.
  - All boxes with information for "Data management with i-STAT/DE versions <2.5" have been deleted.
  - All boxes with information for "Data management with i-STAT/DE versions ≥2.5" have been changed to "Data management with i-STAT/DE versions ≥2.8.0.1".
  - A new Note was added at Steps 1.4, 2.5, and 3.2 with the following text: "NOTE: i-STAT/DE versions less than 2.8.0.1 are no longer supported. Use a Network Downloader, Downloader/Recharger, or DRC-300 and the JammLite process to perform the software update via its IP Address (TCP/IP) or Port (COM Port) for serially connected downloaders."
- The *Support Services Technical Bulletin* was updated with the most recent distributor support addresses and contact information available.
- The *New Ultralife 9-Volt Lithium Battery For Use With the i-STAT System Technical Bulletin* was obsoleted, and the information contained therein added to **Section 2** of the i-STAT 1 System Manual (**i-STAT 1 Analyzer**).

## i-STAT 1 SYSTEM MANUAL

### CONTENT UPDATES

- The **System Manual Configuration Sheet** was updated to reflect the current revision for the artwork files contained in the i-STAT 1 System Manual.
- **Section 1: Introduction** was updated with a revised Intended Use statement to clarify use settings for consistency with other user documentation.
- **Section 2: i-STAT 1 Analyzer** was updated to correct the Relative Humidity information in the Specifications table.

## PERFORMING THE SOFTWARE UPDATE

As part of Abbott Point of Care's continuous improvement initiatives, APOC is no longer posting files with a .exe extension for download from its website: [www.globalpointofcare.abbott](http://www.globalpointofcare.abbott). Software files will now be available in zipped format with a .zip extension. The instructions for unzipping the file have been incorporated into the Technical Bulletins for updating software.

**Note:** prior to performing the software update, please identify your system setup per the table below. Ensure that you have administrative rights on the computer being used for the software update.

If you are unsure of the method you use to perform the software update or whether you have administrative rights, please contact your point-of-care program administrator for guidance.

IF you have a Computer with:	IF you have i-STAT/DE with:
<ul style="list-style-type: none"> <li>a connected Serial <i>i-STAT 1 Downloader</i> (DS-300) or <i>i-STAT 1 Downloader/Recharger</i> (DRS-300) using a DB9 to DB9 cable with a USB-Serial adapter*</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>an <i>i-STAT 1 Downloader/Recharger Combination</i> (DRC-300) with USB Cable**</li> </ul>	<ul style="list-style-type: none"> <li>a Network <i>i-STAT 1 Downloader</i> (DN-300) or <i>i-STAT Downloader/Recharger</i> (DRN-300)</li> </ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"> <li>an <i>i-STAT 1 Downloader/Recharger Combination</i> (DRC-300)</li> </ul>
<ul style="list-style-type: none"> <li>a downloaded Software File (CLEW/JAMS) from the CD-ROM or Abbott Point of Care website, <a href="http://www.globalpointofcare.abbott">www.globalpointofcare.abbott</a>.</li> </ul>	<ul style="list-style-type: none"> <li>access to Customization Workspace. To identify the version of i-STAT/DE, see <a href="#">IDENTIFYING VERSION OF i-STAT/DE</a> in this product update.</li> <li>a downloaded Software File (CLEW/JAMS) from the CD-ROM or Abbott Point of Care website, <a href="http://www.globalpointofcare.abbott">www.globalpointofcare.abbott</a>.</li> </ul>
THEN	THEN
<p>follow these Technical Bulletin instructions located at <a href="http://www.globalpointofcare.abbott">www.globalpointofcare.abbott</a>:</p> <ul style="list-style-type: none"> <li><i>Instructions for Updating i-STAT 1 Analyzer Software Using <a href="http://www.globalpointofcare.abbott">www.globalpointofcare.abbott</a></i>, Art:731335</li> <li><i>Instructions for Updating i-STAT 1 Analyzer Software (For CD-ROM customers)</i>, Art:725708</li> </ul>	<p>follow these Technical Bulletin instructions located at <a href="http://www.globalpointofcare.abbott">www.globalpointofcare.abbott</a>:</p> <ul style="list-style-type: none"> <li><i>Network Options for Updating the i-STAT 1 Analyzer Using <a href="http://www.globalpointofcare.abbott">www.globalpointofcare.abbott</a></i>, Art:731336</li> <li><i>Network Options for Updating the i-STAT 1 Analyzer (For CD-ROM customers)</i>, Art:725768</li> </ul>

\* Follow the USB-Serial adapter manufacturer's instructions for installation. Abbott Point of Care does not provide USB-Serial adapters for use with the DB9 to DB9 (9-pin connector) cable.

\*\*For the i-STAT Downloader/Recharger Combination (DRC-300), please ensure that the driver for the provided USB cable has been installed. See *Section 6* of the *i-STAT 1 System Manual* for more details.

## i-STAT/DE

### END-OF-LIFE NOTIFICATION

In September 2017, Abbott Point of Care communicated a field correction notice (APOC2017-005) informing customers to upgrade their i-STAT/DE application to version 2.8.0.1.

**Abbott Point of Care is not providing separate i-STAT 1 analyzer software update files for customers using i-STAT/DE versions less than 2.8.0.1. General support for i-STAT/DE versions less than 2.8.0.1 will also end on 31-Dec-2022.**

Customers using i-STAT/DE versions less than 2.8.0.1 may perform their i-STAT 1 analyzer software updates using the JammLite utility with network or serially connected i-STAT 1 Downloader/Rechargers. For information on identifying the i-STAT/DE version in use at your facility, see “IDENTIFYING VERSION OF i-STAT/DE” below.

To update your i-STAT 1 analyzer software using the JammLite utility, see the following Technical Bulletins located in the i-STAT 1 Support section of [www.globalpointofcare.abbott](http://www.globalpointofcare.abbott):

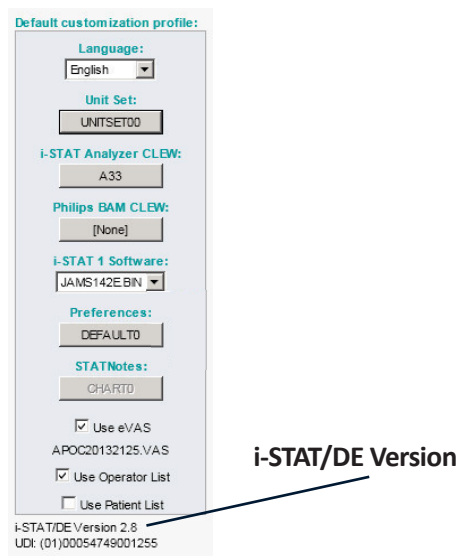
- *Network Options for Updating the i-STAT 1 Analyzer Using [www.globalpointofcare.abbott](http://www.globalpointofcare.abbott)*
- *Instructions for Updating the i-STAT 1 Analyzer Software Using [www.globalpointofcare.abbott](http://www.globalpointofcare.abbott)*

i-STAT/DE versions 2.8.0.1 and above will continue to be supported. Future end-of-life notices and product updates will be communicated in the next i-STAT 1 analyzer software release, scheduled for May, 2023.

## IDENTIFYING VERSION OF i-STAT/DE

To identify the version of i-STAT/DE, access the i-STAT/DE customization workspace, locate the Default customization profile pane on the left hand side of the webpage. Below that pane will be the i-STAT/DE Version.

If you are unable to access your i-STAT/DE Customization Workspace, please contact your point-of-care program administrator for guidance.



## i-STAT/DE USER GUIDE UPDATE

The i-STAT/DE User Guide was updated with language for consistency with the i-STAT/DE User Interface for the following areas:

- Under the customization Preferences section for the “Results Tab for Results Reporting Options”, the selection language was updated to change ‘point’ to ‘period’ in the **Decimal Separator** area.
- Under the customization Preferences section for the “Instrument Tab for Instrument Options”, the selection language was updated to change ‘Synchronize Clock to i-STAT/DE’ to ‘Synchronize Clock to CDS’.

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