myQA Accept 9.2, build version 9.2.49.0

1. General

1.1. Operating system

myQA Accept runs on the following operating systems:

- Windows 10 64-Bit, US-English version
- Windows 11 64-Bit, US-English version

1.2. Installation

Start the myQAAcceptSetup.exe program to install the myQA Accept software. Please install all the features offered.

1.3. License Activation / Registration

myQA Accept can be run without a license.
To use the SMARTSCAN functionality, it is necessary to purchase and activate a license key. Please refer to the manual for more information.

1.4. Uninstallation

- Open the Start menu.
- Click Settings.
- Click System on the Settings menu.
- Search for and select Apps & features from the left pane. ..."
- Select myQA Accept if you wish to **uninstall**.
- Click the **Uninstall** button that appears.

1.5. Reports

If the application behaves unexpected, please contact our Technical Support (see below).

1.6. Technical Support

For technical support please refer to the IBA Dosimetry Help Center (https://helpcenter.iba-dosimetry.com/) or contact the IBA Dosimetry Customer Service via phone or email:

USA, Canada, Latin America
Phone: +1 786 288 0369

service-usa@iba-group.com

Europe, Middle East, Africa
Phone: +49 9128 607 38
service-emea@iba-group.com

Asia Pacific
Phone: +65 3129 2472
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2. Release Bulletin myQA Accept 9.2

myQA® Accept 9.2 continues to evolve as your comprehensive QA software solution, integrating applications, processes, workflows, and data into a unified framework. This release introduces major hardware support enhancements, protocol expansions, and a significant architectural upgrade to 64-bit, ensuring optimal performance and compatibility with modern systems.

3. Highlights and New Functionality

✅ **myQA Blue Phantom³ Support**
- Full integration of the latest water phantom system.
- Seamless compatibility with the SmartScan software wizard.

✅ **myQA CCU-X Support**
- Introduction of the new dual-channel reference-class electrometer and controller.
- Features WiFi-enabled connectivity for streamlined setup and operation.

✅ **ANSM Protocol Expansion**
- Full support for the French ANSM protocol.
- Includes Stability Index calculations for FF, FFF, and Electron profiles.
- Enhanced flexibility with support for non-integer field sizes and unified field size calculations.

✅ **64-Bit Architecture**
- myQA Accept is now a native 64-bit application.
- Improved performance, stability, and compatibility with Windows 11.
- Enables handling of large dose volume files

4. Solved Issues

4.1. Data Handling

TTP 28029, 28307, 28324 ANSM Protocol Requirements for Profile Analysis:
Implementation of new protocol for ANSM support for FF, FFF, and Electron. Ability to calculate stability for non-integer field sizes, and ability to use a single field size for calculation.

TTP 28052, 28062, and 28215 1-D Multiple Gamma Improvements:
Improved 1-D Gamma analysis with new table views, axis labeling, and RTDose import fixes.

TTP 27910, 27677 RTDose Cube Import:
RTDose cube import now supports off-centered diagonal dose volumes.
Implementation of 64-bit application allowing support of large dose volume files to be imported.

TTP 27288:
Resolved crashes in the interactive 3D viewer through 64-bit migration and updated water phantom setup interface.

5. Please Observe

Visualization with different DPI scalings (TTP 24908)
In some cases, the user interface of the myQA Accept might not harmonize with your system's display settings. In case you experience cut controls or other display issues, please decrease the DPI or rescale to 100%.

Queue Setup
Compare parameters of the queue setup with your (real) field setup.

Reference detector

In order to eliminate the influence of variations in output from the accelerator, you should use a reference detector in all dose rate measurements.
Mounting of the reference detector:

- The most common way to position the reference detector is to use the special holder that is delivered with the water phantom. Make sure that the complete active part of the detector is inside the primary beam. In some cases, it is beneficial to place the detector close to central axis, however the detector must never shield the field detector.

CCU warm-up
Use an appropriate warm-up time of the CCU to ensure stable thermal conditions. Recommended are 15 minutes for relative dosimetry.

Import / Export of data

- It is recommended to always use correct header information / parameters in order to ensure identification of data.
- Depending on the file format some header information might get lost during import / export of data.

6. Known Limitations

6.1. Hardware and Firmware

LDA/EmXX is not supported in 9.2 version of Accept (TTP 29125)
Measurements with the LDA-99 are not supported in this software version.

6.2. Installation

Software activation
During activation of the application all projects should be closed before the “Activate” button is pressed.
Installation Routine: Troubles during installation of HASP Drivers (TTP 22270)
In particular combinations of system and installed version of myQA, it might happen that the installation of the HASP drivers return an error.
If that happens, please use the following procedure to remove the old HASP drivers as a workaround:

1. Open a command prompt (as administrator) and navigate to
   C:\Program Files (x86)\IBA Dosimetry\myQA\Setup\HASP

2. Execute the following command
   “**haspdinst.exe --V**”
   A dialog should pop-up displaying the version in the first line (e.g. v 7.90).
   Verify that the haspdinst.exe has the same version as the one that was used for the previous installation of myQA or myQA Accept.
   Every installation with version smaller v.7.103 is considered outdated with the latest Accept version and might cause the error during the installation of myQA Accept.

3. Make sure myQA and (eventually) an older version of myQA Accept are shutdown.
4. Execute the following command (in admin mode)
   “**haspdinst.exe –killprocess -fremove**”
5. Restart your computer (just to be sure necessary files aren’t still blocked from previous executions)
6. After restart open a command prompt (as administrator) and execute
   1. **SC stop hasplms** (continue even if the execution fails)
   2. **SC delete hasplms**
7. Restart your computer once more
8. Install myQA Accept
9. Start myQA Accept and check in the “About Dialog” that all licenses are available.

WinDefender Antivirus alarm during installation (TTP 24965)
Some versions of the WinDefender Antivirus software might create an alarm during installation of the myQA Accept software, and might prevent the installation. In case this happens, please try to update the WinDefender to the latest version and install relevant Windows updates.
If the error persists, please contact customer service.

6.3. Startup

Error message not visible during application startup (TTP 24893)
In case something goes wrong during the startup procedure of the application, it might happen that the error message is hidden behind the Accept splash screen. So if you experience an unusual slow startup, please check if there is a popup window hidden behind other windows and handle this error first.

6.4. Import/Export

Importing large DICOM RTDose files can be slow (TTP 24931, TTP 24932, 24911)
Handling and loading large DICOM RTDose files with many slices can be slow and may lead to unresponsive UI in the import dialog and during the actual import step, or even an import error because of insufficient system memory.
To avoid this, it is recommended to import only the needed XY planes, and maximum up to 50 planes at once. In order to generate a smooth PDD, the option to import a Z-Axis PDD can be used.

Importing data grid templates from OmniPro-Accept 7.2a or older (TTP 9783)
When importing data grid templates from version OmniPro Accept 7.2a or older only the date column is displayed. As a workaround the template can be recreated to display both columns (data and time).

Imported Numerical Analysis protocols are partially empty (TTP 22333)
It might happen that imported protocols with tolerances and expected values are partially empty. This is a matter of user access rights.
As a workaround, please import the files from a location where your user has sufficient access rights.

RFB-File import/export is not supported in 9.2 version of Accept (TTP 29124)
In the current version, it is not possible to import or export rfb files. Use a former version of myQA Accept and import or export the rfb files there.

6.5. Display issues

Refresh problems in user interface (TTP 9794)
When losing the beam and using the beam detection it could happen that the deleted points in the scan (due to the beam loss) are not immediately removed from the graph display. In these cases, the graph will be refreshed in the end of the scan.

Visibility of dragged items during Drag and Drop (TTP 20371)
The items that are moved with Drag and Drop mechanism are sometimes not visualized correctly. Nevertheless, the functionality of dragging items works as expected. The result will appear as soon as the action is finished.

DPI Scaling: Scan Regions are sometimes not correctly visualized (TTP 22836)
It might happen that for FullHD resolution (1920 x 1080 pixels) with DPI Scaling of 100%, the scan regions are not correctly visualized. If this happens, please trigger a reload of the page, e.g. by navigating to another page and back again. The scan regions will then be visualized correctly.

Informational errors appear in the Accept application log (TTP 22914)
Errors that appear in the Electrometer panel (e.g. through overflow or underflow error) appear in the Accept application log, even if the error is not critical and only for information.

Scans are not shown completely in report (TTP 24483, TTP 24019)
In case the DPI scaling is set to a value different than 100%, the display of the scan might be cut. Please make sure to print the report with a DPI scaling of 100% to avoid this behavior.

No 3D visualization of water phantom
In the current version, the water phantom and the Linac are not visualized in 3D, but displayed with static 2D images.

6.6. Queue Setup and Measurement

Queue Setup for scans at device limits

If a scan is defined exactly at the limit of the tank (e.g. 240.0 mm for the BP²) the queue setup might show the position as invalid. Nevertheless, it is possible to perform the scan.

Phantom setup for TMR measurements (TTP 25012)
It might happen that the water level is not recognized correctly if isocenter and water surface are saved using the hand control before connecting myQA Accept to the CCU. This will lead to a wrong behavior of the water pump during TMR measurement.
Please make sure that the water level is set after connecting myQA Accept to the CCU. This can be done via hand control, or in the Positioning panel of the software by using "Set Position" → "Water surface".

Step by Step gradient measurement (TTP 8446)
In case the first or last point of a step by step gradient measurement is inside the gradient region, the step size for this point might be too large, resulting in a measurement value that is lower than expected. Please use a sufficient penumbra margin to avoid this behavior.

Slow positioning for Step by Step measurements (TTP 23843, TTP 24999)
In case the beam is lost during a step by step measurement with scan regions, the positioning might become very slow. Nevertheless, the scan will be finished correctly.

Select All using keys Ctrl+A in Queue Setup (TTP 9790)
After a queue measurement has been performed the key combination "Ctrl+A" doesn't work anymore to select the complete queue in the queue setup. As a workaround the queue can be selected using the context menu or manually by using the "Shift" key together with the mouse.

Effective Point of Measurement (TTP 17887)
Different to the previous versions (myQA Accept 2016-001 and earlier), myQA Accept 2016-002 only allows to specify a correction for the "Effective point of measurement" with photon, electron and protons beam qualities. For all other beam qualities (including, heavy ions) no correction will be applied during measurements. Users are advised to shift profiles after the measurement using the "Data Handling / Move…" function.
Before upgrading, please make sure to document your existing EPOM values. After upgrading to the latest version (from myQA Accept 2016-001 and earlier) EPOM values cannot be taken over and must be specified by the user.

Default settings for a fanline scan in a 2D Phantom not correct for all device turn angles (TTP 17658)
If the device turn angle of a 2D Phantom is 0 or 180 degrees, the Phantom is aligned inline, although a 2D Phantom has no y axis. The default settings for a fanline scan in a 2D Phantom are using the y axis for a device turn angle of 0 or 180 degrees. For 90 or 270 degrees the settings are correct.

Beam Detection and TMR scans (TTP 7679)
For TMR scans it could happen that the "beam on" to resume the scan is not working. In this case push the "Start scan" button to continue with the TMR measurement.

Issue with Measurement Point Overlap in Small Field Sizes (TTP 29215)
For small field sizes (10x10 mm) and step sizes less than 0.2 mm, the measurement points in a step-by-step measurement may overlap or appear closely spaced.
To avoid this issue, use step sizes of 0.2 mm or larger.

6.7. Macros

myQA Accept Macro settings will not stick after software is closed (TTP 27825)
Creating a Resample Macro and checking the start profile resampling or Start depth dose resampling at or keep start and stop positions options, the software will clear those settings once it is restarted.

6.8. Printing

Editing a Print Template (TTP 29198)
In the current version, it is not possible to edit and customize print templates.