SIEMENS Healthineers

POCcelerator™

Point of Care Ecosystem™ Enabled

Configuration Guide
epoc Reader and epoc Host/ epoc NXS Host

from software version 6.3

Origin DE
Siemens Healthcare Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5097 USA

Global Siemens Headquarters
Siemens AG
Wittelsbacherplatz 2
80333 Muenchen
Germany

Siemens Healthineers Headquarters
Siemens Healthcare AG
Siemensstr. 3
91301 Forchheim
Germany
Phone: +49 9191 18-0
siemens-healthineers.com

Global Division
Siemens Healthcare
Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5097
USA
www.siemens.com/diagnostics

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1 Introduction

This configuration guide describes the use of the POCcelerator Data Management System software to configure the epoc Blood Analysis System[1] manufactured by Siemens Healthineers that consists of an epoc Reader and epoc Host or epoc NXS Host.

This manual explains the model-specific configuration settings of the epoc Reader and epoc Host/epoc NXS Host. Refer to the *POCcelerator User Manual* for all general information on the use of the POCcelerator Data Management System software.

Please read this manual for step-by-step instructions and illustrations on how to configure the devices before placing them in service.

2 Scope

This configuration guide is intended for users with a basic knowledge of the POCcelerator application.

3 Intended Use

The POCcelerator Data Management System software allows you to configure and use the epoc Reader and epoc Host as well as epoc NXS Host with POCcelerator. The POCcelerator product is not for diagnostic use.

4 EVAD File and Firmware Updates

Siemens Healthineers releases periodic updates to the epoc System Software and Electronic Value Assignment Datasheets (eVAD files).

EVAD files provide current ranges and expiration dates for all valid quality control (QC) fluids, calibration verification (CV) fluids, and sensor configuration versions in a single file. These files are published 6 to 8 times a year as needed.

When connected to the POCcelerator Data Management System via Meditrac, you can install these updates using this procedure.

4.1 Configuration

Follow the steps below to confirm the epoc driver version.

Procedure:

1. On the POCcelerator Application server, open Windows Explorer.
2. Navigate to **<Installation Drive>:\SiemensPOC\Meditrac6\Meditrac**.
3. Right-click the **DLP_Epoc.exe** file, click **Properties**, then click on the **Details** tab.
4. Confirm that the file version is 6.6.25.10 or greater.

If your version of the epoc driver is below this version, contact your Support representative to install an updated driver.

4.2 Download Requirements

In collaboration with your Customer Service specialist, you create an eVAD and Firmware update folder. This includes setting up sharing of the folder and restricting read/write access to the folder to specific employees of yours. The mapping of the **EpocUpdates** folder to your PC is also done with Customer Service. For this, contact your Support representative.

Siemens Healthineers recommends that any users responsible for performing upgrades map the **EpocUpdates** folder to their local computer to avoid the risk of altering other folders or files in the datalink folder. Changing other folders may result in unexpected behavior in Meditrac, so mapping the drives locally is both more convenient and lower risk.

[1] Valid from epoc reader and host firmware version 3.35.4a and epoc NXS Host firmware version 4.8.x

Note: You can only perform the following steps such as download and upgrade of the epoc System Software and eVAD files if you have access to the shared folder. Otherwise, contact your local IT department so that they can work with Siemens Healthineers Customer Service to set up the folder. For this, contact your Support representative.

4.3 Download the Latest epoc System Software and eVAD Files

The epoc update and eVAD files are found in the Siemens Healthineers Document Library:
Document Library - Siemens Healthineers

Procedure:

1. Register on the Siemens Healthineers Document Library to download the files.
2. Search for the string **epoc software**.
3. Check the box to the left of each eVAD and System Software update file's title.

   Note: epoc Hosts and epoc NXS Hosts have different update files, named **epoc.x.yy.zz** and **epocNXS.x.yy.zz**, respectively. Download the applicable files for your epoc systems.
4. Once all files are selected, click the **Download** button at the top of the page.

   Note: eVAD files are common to both epoc Hosts and epoc NXS Hosts. Download the latest **epocXXXXX.eVAD** file to upgrade to the latest version. Do not download any eVAD files with the word "old" in the filename.
5. The files will be downloaded as a single *.zip archive. Do not download this file directly to the **EpocUpdates** directory.
6. Unzip the downloaded file into its individual files.

   The epoc System Software and eVAD files will each be contained in their own *.zip archive. It is not necessary to unzip these files.

4.4 Upgrade the epoc eVAD File

Procedure:

1. Place the **epocXXXXX.eVAD.zip** folder into the **<Installation Drive>:\SiemensPOC\Meditrac6\Meditrac\Epoc\EpocUpdates** datalink folder you previously mapped to your local computer.

   Do not place the *.zip file into any of the subfolders of the **EpocUpdates** folder.

   Note: Meditrac will automatically unzip and delete the *.zip file once the contents have been extracted. Any older eVAD versions in the **EpocUpdates** folder will be archived.
2. Meditrac compares the eVAD version on each epoc Host to the version in the **EpocUpdates** folder.
3. If the version in the **EpocUpdates** folder is newer, the epoc Host will be updated to the newer version.

   Note: Meditrac will only use eVAD files in the **EpocUpdates** folder and ignore eVAD files in any of the subfolders. All epoc Hosts will be updated to the latest eVAD version.

4.5 Upgrade the epoc System Software

There are several options for upgrading the epoc System Software. The upgrade can be applied to **all** epoc Hosts, to epoc Hosts within a location in POCcelerator, or to individual epoc Hosts, by placing the upgrade file in the appropriate folders.

An upgrade strategy is recommended, as sending large updates to hundreds of devices at once could likely overload the system and network.

Note: The epoc NXS firmware updates can be quite large when they include also an operating system update. If the driver finds multiple upgrade files in the same folder (or subfolder), the newest version will be identified and used to upgrade the epoc Hosts.

Older versions found in the **EpocUpdates** folder are moved to the **_archive** subfolder. Older versions found in the **_BY_LOCATION** and **_BY_DEVICE_ID** subfolders are deleted.

The driver needs some time to extract the parts of the file (operating system and epoc software). Depending on the file size and the system resources this can take a few minutes.

After upgrading your epoc Hosts, refer to the *epoc User Manual* for information on upgrading your epoc Reader firmware, if applicable.

4.5.1 Upgrade All epoc Hosts

Procedure:

1. Copy the **epoc.x.yy.zz.zip** and/or **epocNXS.x.yy.zz.zip** files to the **EpocUpdates** folder.
   The current firmware version of epoc Hosts will be checked against the version in the **EpocUpdates** folder.
   Note: If the version in the **EpocUpdates** folder is newer, the epoc Host will be upgraded.

4.5.2 Upgrade epoc Hosts by Location

Within the **EpocUpdates_BY_LOCATION** subfolder, there is a folder for each Location (Department) in your facility, with the name format **HOSPITALNAME_DEPARTMENTNAME**.

Procedure:

1. Copy the **epoc.x.yy.zz.zip** and/or **epocNXS.x.yy.zz.zip** files to the applicable location subfolders.
2. The current firmware version of epoc Hosts is checked against the version in the **EpocUpdates_BY_LOCATION** subfolders if they are in that location.
   Note: The epoc Host will be upgraded if a newer version is available. The epoc Hosts in other locations will not be upgraded.

4.5.3 Upgrade epoc Hosts by Device ID

Within the **EpocUpdates_BY_DEVICE_ID** subfolder, there is a subfolder for each epoc Host, by serial number.

Procedure:

1. Copy the **epoc.x.yy.zz.zip** or **epocNXS.x.yy.zz.zip** file(s) to the applicable device subfolder(s).
2. The current firmware version of epoc Hosts is checked against the version in the **EpocUpdates_BY_DEVICE_ID** subfolders if their serial number matches the Device ID.
   Note: The epoc Host will be upgraded if a newer version is available. epoc Hosts without an upgrade file in their respective **_BY_DEVICE_ID** subfolder will not be upgraded.

4.6 Checking the Downloads in POCcelerator

To check whether the new Firmware has been successfully distributed to the devices, go to the POCcelerator application > Process Monitor.

Procedure:

1. Open the *Process Monitor*.
2. Select the desired device from the device overview tree.
3. By right-clicking in the right-hand device data area the *View device information* window opens.
4. From the list that appears, select which information such as *Software version* information should be visible for the selected device.

5 User Accounts

The epoc Host/NXS Host Application supports two types of users: Administrator and Operator. The epoc Host/NXS Host Application distinguishes between Administrators and Operators by their unique user ID and Password.

POCcelerator supports 4 user roles and maps user roles to epoc user types according to the following table:

Model-specific User Roles

POCcelerator User Role	User Type Assigned on epoc Host
Supervisor	Host Administrator with permissions to configure the device (for example, Wi-Fi settings, dedicate readers), update software and run Thermal QA. There is only one Administrator. Refer to the *epoc System Manual* for more information on the epoc Host Administrator.
Key operator	Host Operator with permissions to run QA and perform software updates.
Trusted user	Host Operator with permissions to run QA.
User	Host Operator without permissions to run QA and software updates.

Note that the POCcelerator Application uses the term “user”, but user is more commonly known as the operator.

6 Configuration

All POCT device models can be configured to have the same operational settings if required.

Note: Model configuration settings are only enabled for users with model rights.

To configure the model, open the model setup data.

Procedure:

1. Select *Setup* > *Devices* > *Models* in the menu bar.
   The *Model* window appears.
2. Select the desired model.
   The *Model definition* tab appears.
3. Select the *Configuration* tab.
   The *Downloads* option tab appears.

When a device is placed into operation for the first time, all data that can be downloaded from POCcelerator to the model are automatically activated here.

Modifications made in this screen will be applied to all devices of that model type. It is not required to select the *Edit data record* button and confirm the changes with *Accept*.

Changes are not applied to devices that have different device configurations. Different device configurations occur, for example, when you define deviations from the model configuration for individual devices (*Setup* > *Devices* > *Devices).* Such changes are highlighted in blue.

Use the *Overwrite device settings* button, which is available on all model *Configuration* screens, to apply all model settings to all connected as well as unconnected devices of this model. If you are using “Configuration Devices” for the ward-specific configurations, their settings will be overwritten as well.

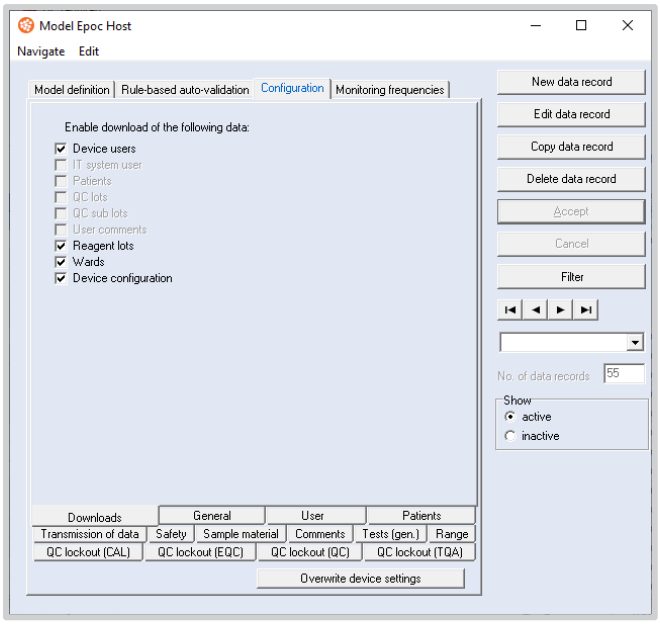
Note: If configuration management is enabled in POCcelerator, all configuration settings are centrally controlled by POCcelerator and settings made on devices will be overwritten by the centrally managed configurations.

6.1 Downloads

This tab is used to set the download options. When you enable a download, all pre-existing data of that type stored on the device will be overwritten. Once enabled, the option can be disabled at any time.

When you disable (uncheck) a download option, any previously downloaded data is removed from the device when the device receives its new configuration and not when you disable the option. The device will keep the settings from the last valid configuration download unless a new configuration is being downloaded.

Note: Automatically assigned downloaded user information is removed from a device when the download option is disabled. To enable automatic downloads, in POCcelerator, see *Setup* > *User* > *User data* tab > *Automatic download to devices.*

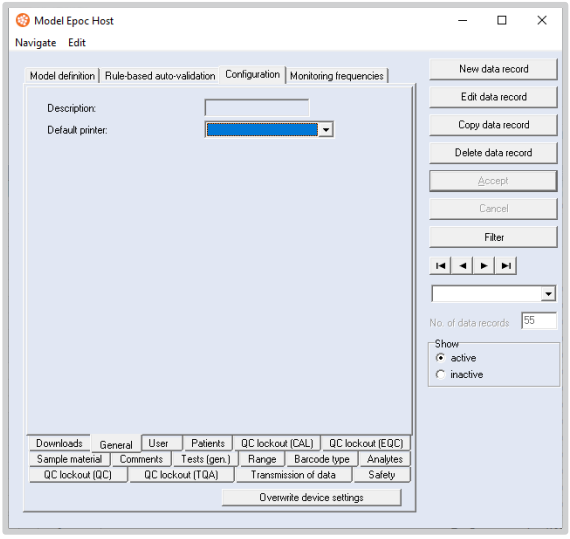


Explanation of the parameters

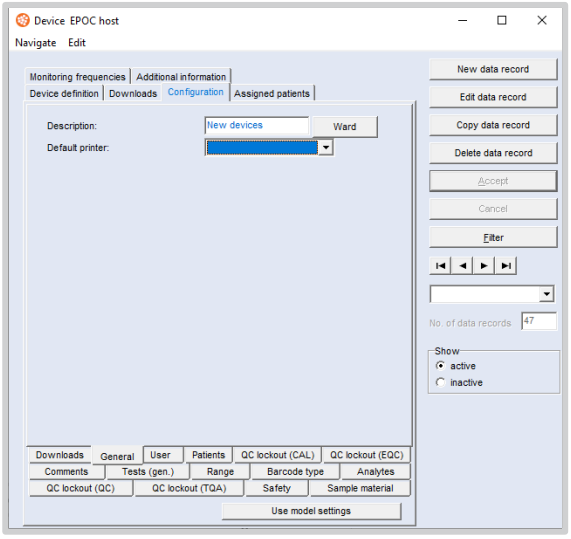
Enable download of the following data	Select which setup data should be downloaded to the device. **Note**: If an option is grayed out, it means that the type of download is not supported by the model.
☑ Device users	If selected, device users' data will be downloaded
☑ Reagent lots	If selected, reagent lots will be downloaded.
☑ Wards	If selected, device locations (wards) will be downloaded. **Note**: Keep this setting synchronous with the device configuration download setting because the location information is part of the device configuration download.
☑ Device configuration	If selected, device configuration data will be downloaded.

Table 1: Downloads Options

6.2 General



General tab: Setup > Devices > Models



General tab: Setup > Devices > Devices

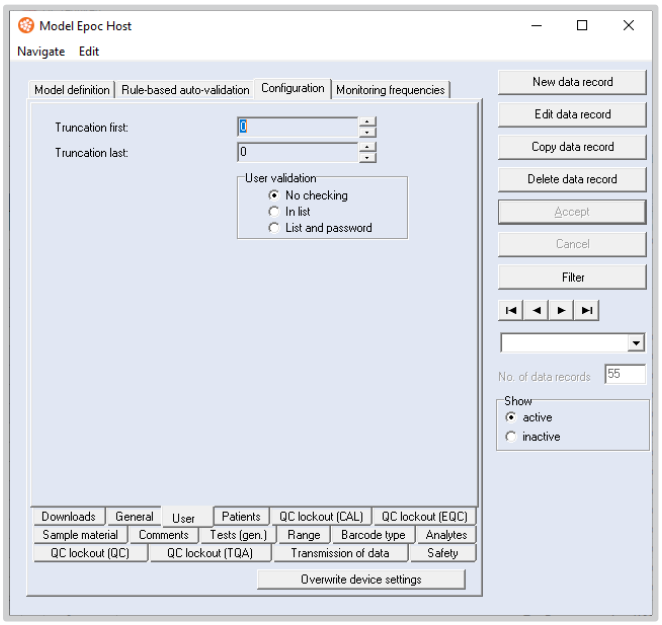
Explanation of the parameters

Description	Name of the device. The name entered here, for example the department name, is displayed on the device's login screen. This name can be used to help user's recognize which device they are working with. The device name specified here at the time of measurement will be displayed on POCcelerator screens. This is a free-form text field that is limited to 20 characters. **Note**: The epoc Reader name can be changed via the configuration screen on the physical epoc Host device. Please refer to the *epoc System Manual* for further information.
Ward	In the device *Configuration* tab, under *Setup* > *Devices* > *Devices* the *Ward* button is shown. If you click this button, the contents of the *Description* field will be replaced with the name of the Ward where the device is currently assigned.
Default printer	Defines the default printer if a printer is specified in the epocPrinters.ini. None (Default) Contact your Support representative or your POCT responsible person for assistance.

Table 2: General

6.3 User

Note: User ID is more commonly known as the operator ID.



Explanation of the parameters

	This is used to remove leading or trailing digits from a scanned user ID[2] barcode.
Truncation first:	Number of characters that will be truncated at the beginning of the barcode. Possible choice: 0 to 99 characters Default: 0
Truncation last:	Number of characters that will be truncated at the end of the barcode. Possible choice: 0 to 99 characters Default: 0
User validation	Mode to check the validity of the entered user ID (operator ID). **Note**: The settings affect how the *Passive operations* option under the *Safety* tab works to determine whether a user can view measurements without prior authentication.
⊙ No checking	If selected, user ID entry is required but is not checked against the device's internal user list, so every User ID entry is accepted. (Default) **Note**: A valid operator ID and password will be needed for host Administrators.
○ In list	If selected, the program checks whether the user ID entered matches with the device's internal user list. This list can also be configured in POCcelerator using *Setup* > *User*.
○ List and password	If selected, the user ID and password are required and checked against the device's internal user list.

Table 3: User

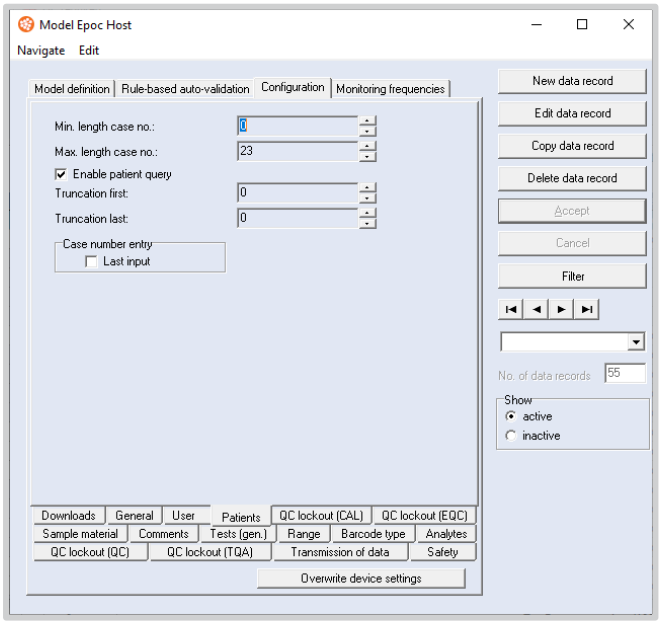
[2] Truncation settings for Reagent Lot Numbers and other IDs (password, ID2, comments, all other possible text entry fields) can also be uploaded but are not shown in POCcelerator. These settings must be set up in the database. Contact POCcelerator Support for assistance.

6.4 Patients

This tab is used to define how the case number of a patient is used on the device. Note that this screen uses the term “case number”, but case number is more commonly known as patient ID.

For patient identification, a list of all patients on a ward is downloaded to the device and patients are identified on the device by case number.

In POCcelerator, you can set patients to be identified by their patient ID instead of their case number using the *Use patient ID on devices* option located under *Extra* > *Program option* > *Patient Data – General* tab.



Explanation of the parameters

Min. length case no. Max. length case no.	The epoc device can be configured for a fixed length of a patient’s case number (patient ID). Enter the same value in the Min. and Max. fields to allow the device to accept a patient ID of a fixed length. Possible choice: 0 to 23 characters. **Note:** The entry of a variable length for a patient ID of, for example, 10 to 12 characters is not supported. That means if Min. and Max. are not equal, these values are ignored, and the device accepts any length up to 23 characters.
☑ Enable patient query	If selected, the Positive Patient ID (PPID) Lookup feature is enabled on the device provided the database has an ADT feed and PPID interface. The patient query enables the PPID to be initiated during patient testing after a user scans or enters a patient ID. The response will contain patient demographics related to the patient ID contained in the request, if available. This option is enabled by default.
	This is used to remove leading or trailing digits from a scanned patient ID[3] barcode.
Truncation first:	Number of characters that will be truncated at the beginning of the barcode. Possible choice: 0 to 99 characters Default: 0
Truncation last:	Number of characters that will be truncated at the end of the barcode. Possible choice: 0 to 99 characters Default: 0

[3] Truncation settings for Reagent Lot Numbers and other IDs (password, ID2, comments, all other possible text entry fields) can also be uploaded but are not shown in POCcelerator. These settings must be set up in the database. Contact POCcelerator Support for assistance.

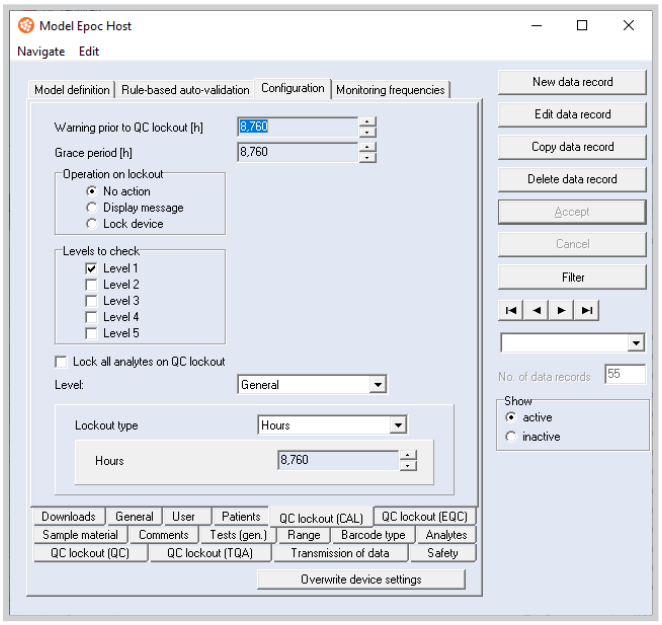
Explanation of the parameters

Case number entry	Defines if the entry of a case number (patient ID) is required. **Note**: This option corresponds to the device's **Retain Patient ID between tests?** option.
☑ Last input	If selected, the system displays the last entered patient ID. Inserting a new test card will automatically recall the patient ID from the previously run test record.
☐ Last input	If no selection is made, the entry of a valid patient ID is required for each measurement. This option is disabled by default.

Table 4: Patients

6.5 QC lockout (CAL)

This tab is used to set QC lockout settings for calibration measurements. If a QC is required based on the rules defined here, the device shows for which level a QC must be measured.



Explanation of the parameters

Warning prior to QC lockout [h]	Defines the warning period (in hours) before QC lockout. The warning period is the period of time before the QC schedule period expires (see *Lockout type* > *Hours*). During this period, users will receive reminders that QC is required. This warning period must be less than or equal to the specified schedule period under the *Lockout type* option. Possible choice: 0 to 8760 hours Default: 8760 hours (365 days)
Grace period [h]	Defines the grace period (in hours) after QC lockout. The grace period is the period of time after the QC scheduled period expires or a QC measurement fails. During this period, users will receive a warning each time a test is performed, indicating that the schedule is expired. The grace period must be less than or equal to the specified schedule period under the *Lockout type* option. Possible choice: 0 to 8760 hours **Note**: If the grace period is set to zero (0), QC lockout occurs immediately after an expired QC schedule or after a failed QC measurement. This option depends on the *Lock all analytes on QC lockout* option. Default: 8760 hours (365 days)
Operation on lockout	Defines the action if the QC interval has expired.
⊙ No action	Allows the testing to continue even if the QC interval has expired. (Default)
○ Display message	Allows the testing to continue even if the QC interval has expired, but the user will receive a warning message.
○ Lock device	Does not allow any testing until the appropriate QC has been performed.

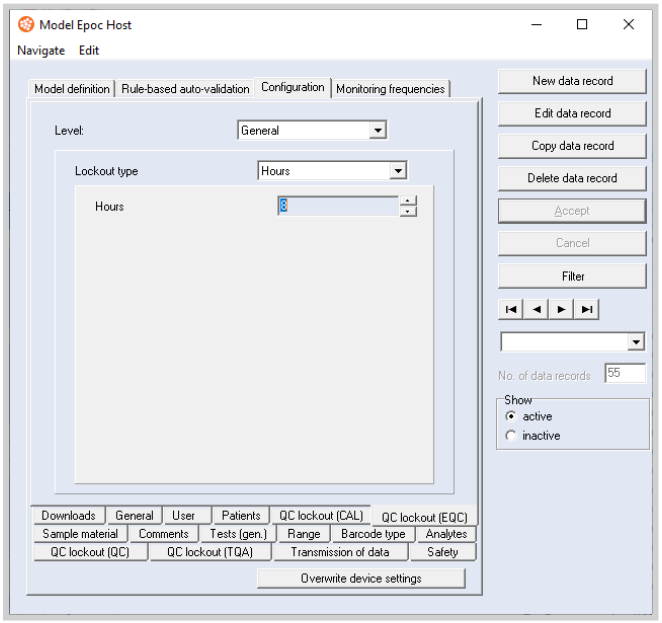
Explanation of the parameters

Levels to check	Up to five levels are supported by the device performing a QC measurement. **Note**: With this option, you define the number of levels to be measured and not the specific level. If one level is selected, for example Level 1, then one level must be measured. If three levels are selected, for example Level 1, Level 3 and Level 4, then three levels must be measured.
☑ Level 1 ☐ Level 2 ☑ Level 3 ☑ Level 4 ☐ Level 5	One level is selected by default.
Lock all analytes on QC lockout	**Note**: This option may only be used if the *Lock device* option is selected under *Operation on lockout*.
☑	If selected and the grace period is over, all analytes for which QC failed or QC status expired will be locked. **Note**: This option corresponds to the device's **Allow test on expired schedule?** option when it's set to **No**.
☐	If no selection is made, lockout is disabled. That means Host users can perform tests even if the grace period is over. (Default) **Note**: This option corresponds to the device's **Allow test on expired schedule?** option when it's set to **Yes**.
Level	The settings of the lockout type are valid for the activated level (only "General" is available).
Lockout type	Monitoring of calibration QCs on the device.
Hours	After a defined number of hours, a QC measurement is required. Possible choice: 1 to 8760 hours Default: 8760 hours (365 days)

Table 5: QC lockout (CAL)

6.6 QC lockout (EQC)

This tab is used to set QC lockout settings for external QC measurements.



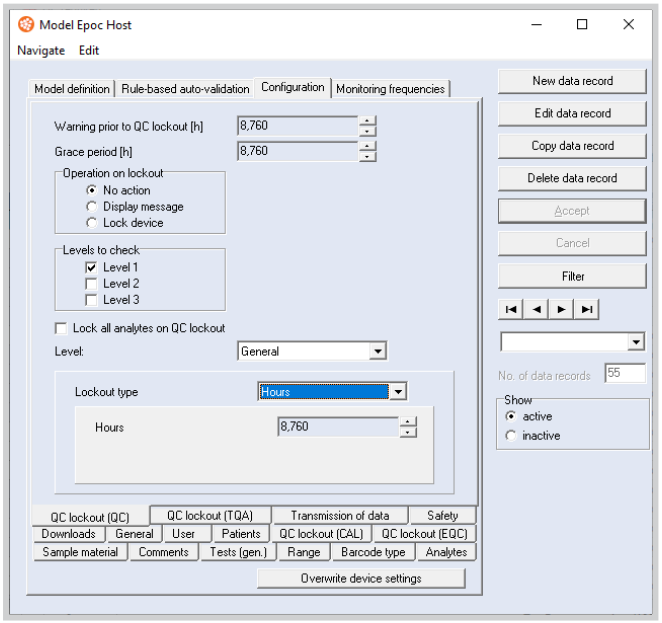
Explanation of the parameters

Level	The specified lockout period is independent of the measured QC level (only “General” is available).
Lockout type Hours	Monitoring of external QCs on the device. After a defined number of hours, an EQC measurement is required. Possible choice: 1 to 8 hours Default: 8 hours

Table 6: QC lockout (EQC)

6.7 QC lockout (QC)

This tab is used to set QC lockout settings for QC measurements.



Explanation of the parameters

Warning prior to QC lockout [h]	Defines the warning period (in hours) before QC lockout. The warning period is the period of time before the QC schedule period expires (see *Lockout type* > *Hours*). During this period, users will receive reminders that QC is required. This warning period must be less than or equal to the specified schedule period under the *Lockout type* option. Possible choice: 0 to 8760 hours Default: 8760 hours (365 days)
Grace period [h]	Defines the grace period (in hours) after QC lockout. The grace period is the period of time after the QC scheduled period expires or a QC measurement fails. During this period, users will receive a warning each time a test is performed, indicating that the schedule is expired. The grace period must be less than or equal to the specified schedule period under *Lockout type* option. Possible choice: 0 to 8760 hours **Note**: If the grace period is set to zero (0), QC lockout occurs immediately after an expired QC schedule or after a failed QC measurement. This option depends on the *Lock all analytes on QC lockout* option. Default: 8760 hours (365 days)
Operation on lockout	Defines the action if the QC interval has expired.
⊙ No action	Allows the testing to continue even if the QC interval has expired. (Default)
○ Display message	Allows the testing to continue even if the QC interval has expired, but the user will receive a warning message.
○ Lock device	Does not allow any testing until the appropriate QC has been performed.

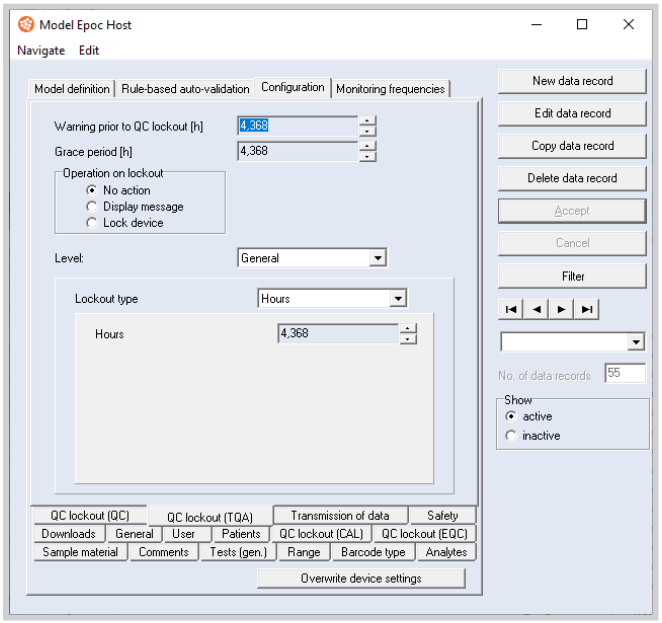
Explanation of the parameters

Levels to check	Up to three levels are supported by the device performing a QC measurement. **Note**: With this option, you define the number of levels to be measured and not the specific level. If one level is selected, for example Level 1, then one level must be measured. If two levels are selected, for example Level 1 and Level 3, then two levels must be measured.
☑ Level 1	One level is selected by default
☐ Level 2	
☑ Level 3	
Lock all analytes on QC lockout	**Note**: This option may only be used if the *Lock device* option is selected under *Operation on lockout*.
☑	If selected and the grace period is over, all analytes for which QC failed or QC status expired will be locked. **Note**: This option corresponds to the device's **Allow test on expired schedule?** option when it's set to **No**.
☐	If no selection is made, lockout is disabled. That means Host users can perform tests even if the grace period is over. (Default) **Note**: This option corresponds to the device's **Allow test on expired schedule?** option when it's set to **Yes**.
Level	The settings of the lockout type are valid for the activated level (only "General" available).
Lockout type	Monitoring of QCs on the device.
Hours	After a defined number of hours, a QC measurement is required. Possible choice: 1 to 8760 hours Default: 8760 hours (365 days)

Table 7: QC lockout (QC)

6.8 QC lockout (TQA)

This tab is used to set QC lockout settings for Thermal Quality Assurance (TQA) measurements.



Explanation of the parameters

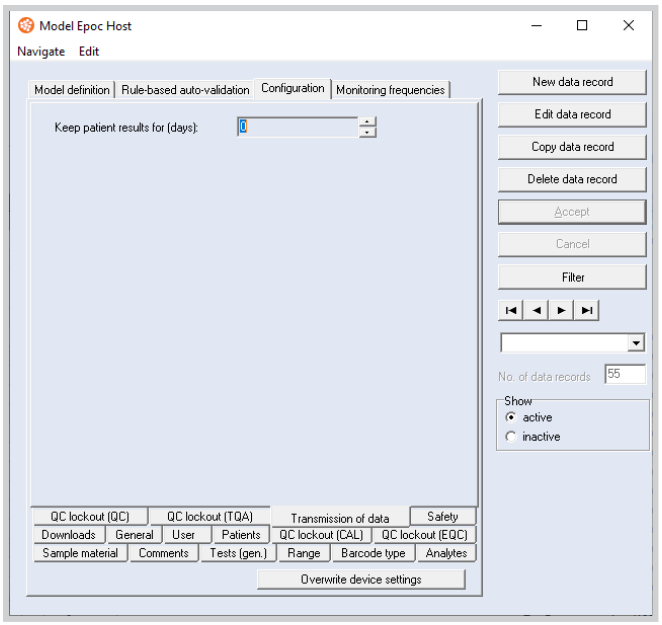
Warning prior to QC lockout [h]	Defines the warning period (in hours) before QC lockout. The warning period is the period of time before the QC schedule period expires (see *Lockout type* > *Hours*). During this period, users will receive reminders that QC is required. This warning period must be less than or equal to the specified schedule period under *Lockout type* option. Possible choice: 0 to 8760 hours Default: 8760 hours (365 days)
Grace period [h]	Defines the grace period (in hours) after QC lockout. The grace period is the period of time after the QC scheduled period expires or a QC measurement fails. During this period, users will receive a warning each time a test is performed, indicating that the schedule is expired. The grace period must be less than or equal to the specified schedule period under *Lockout type* option. Possible choice: 0 to 8760 hours **Note**: If grace period is set to zero (0), QC lockout occurs immediately after an expired QC schedule or after a failed QC measurement. This option depends on the *Lock all analytes on QC lockout* option. Default: 8760 hours (365 days)
Operation on lockout	Defines the action if the QC interval has expired.
⊙ No action	Allows the testing to continue even if the QC interval has expired. (Default)
○ Display message	Allows the testing to continue even if the QC interval has expired, but the user will receive a warning message.
○ Lock device	Does not allow any testing until the appropriate QC has been performed.
Level	The specified lockout period is independent of the measured QC level (only “General” available).

Explanation of the parameters

Lockout type	Monitoring of Thermal Quality Assurance QCs on the device.
Hours	After a defined time, all analytes are locked, and a QC measurement is required. Possible choice: 1 to 4368 hours Default: 4368 hours (182 days)

Table 8: QC lockout (TQA)

6.9 Transmission of data

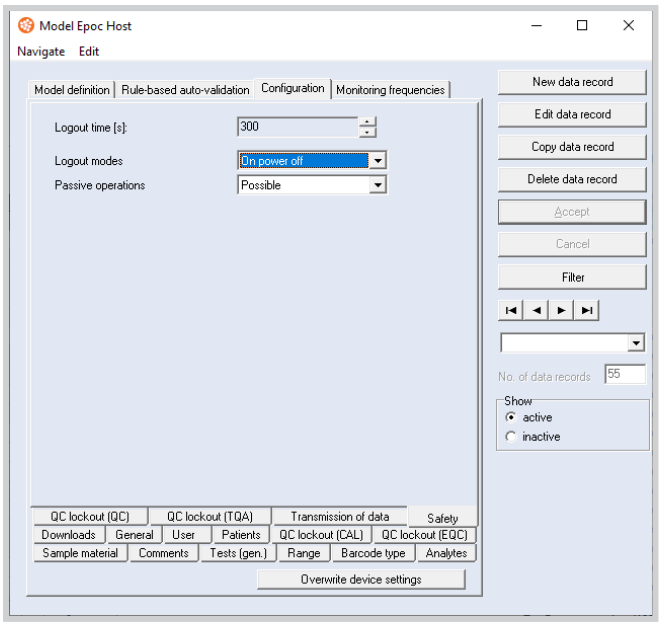


Explanation of the parameters

Keep patient results for (days)	Defines the number of days test records are saved before they are deleted from device storage. Possible choice: 0 to 365 days **Note**: The value selected is mapped to the device's internal setting and is processed as follows: If you select: / Archived results are saved for the last: 1 / 1 day 2 to 7 / 1 week 8 to 31 / 1 month 32 to 183 / 6 months 183 to 365 / 1 year 0 (Default) / Keep indefinitely

Table 9: Transmission of data

6.10 Safety

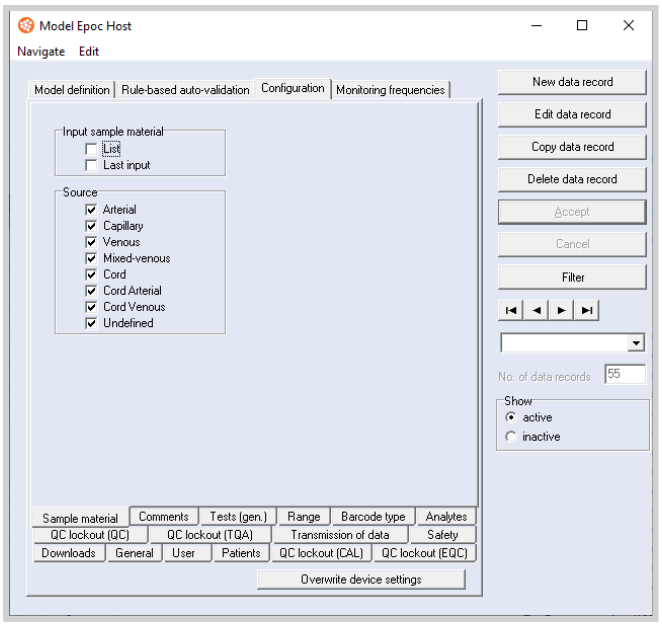


Explanation of the parameters

Logout time [s]	In case of inactivity, the user is automatically logged off the device after a defined time (in seconds). Possible choice: 0 to 3600 seconds (0 to 60 minutes) Default: 300 seconds
Logout modes	Defines the logout mode from the device.
Manual logout	If selected, the user will be logged out manually.
On power off	If selected, the user is automatically logged out when the device is switched off. (Default)
Passive operations	Defines whether the user can view measurements without prior authentication. **Note**: This option depends on the *User validation* option selected under the *User* tab.
Possible	If selected and *No checking* is selected for the *User validation* option, every user can view existing measurements, whether in the device's internal user list or not. If selected and *In list* is selected for the *User validation* option, users who are present in the device's internal user list can also view existing measurements without entering a password. If selected and *List and password* is selected for the *User validation* option, all users checked for ID and password can view existing measurements.
Not possible	If selected and *No checking* is selected for the *User validation* option, only users who have logged in with a password can view existing selected select this option and *In list* is selected for the *User validation* option, users can only view existing measurements if a valid password has been entered. If selected and *List and password* is selected for the *User validation* option, all users checked for ID and password can view existing measurements.

Table 10: Safety

6.11 Sample material



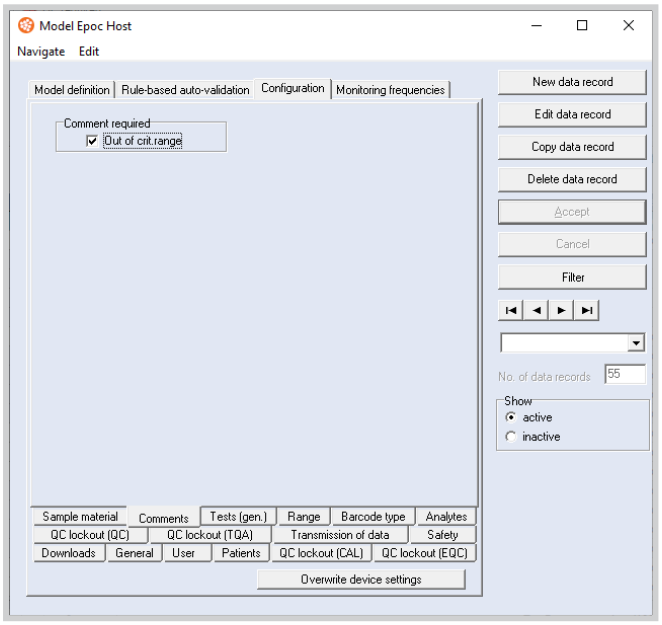
Explanation of the parameters

Input sample material	Defines whether manual entry of the sample type is required or not and whether sample type selection will be retained between tests.
☑ List	If selected, sample type selection is required during tests. **Note**: This option corresponds to the device's **Require sample type selection?** option.
☐ List	If no selection is made, entry of sample type is not required during tests. This option is disabled by default.
☑ Last input	If selected, the system displays the last entered sample type. Inserting a new Test Card will automatically recall the sample type selection from the previously run test record. **Note**: This option corresponds to the device's **Retain sample type between tests?** option.
☐ Last input	If no selection is made, the entry of a sample type is required. This option is disabled by default.
Source	Lists the sample types that a user can select when running a patient test.

Table 11: Sample material

6.12 Comments

A comment can contain a maximum of 20 characters. If comments are too long, they are not downloaded to the device and an error occurs in POCcelerator.

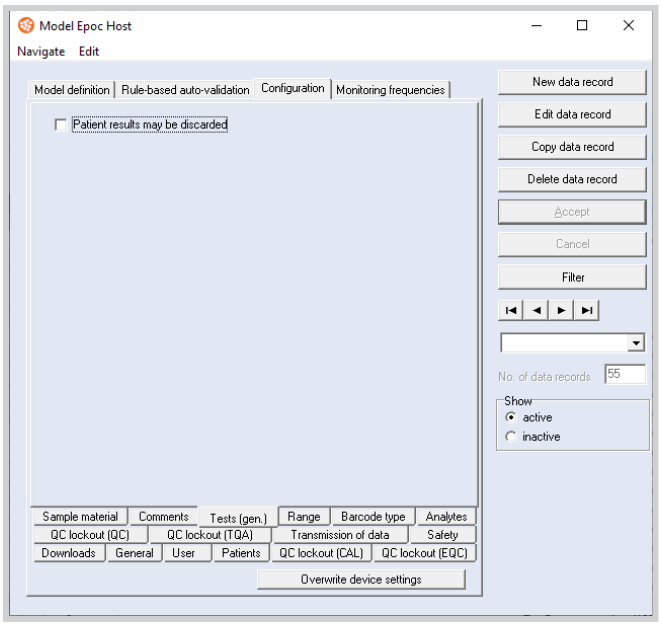


Explanation of the parameters

Comment required ☑ Out of crit. range	Defines the comment handling for QC measurement results. If selected, a comment is required for each measurement result that is out-of-critical-range. (Default) **Note**: This option corresponds to the device's **Enforce critical handling?** option.

Table 12: Comments

6.13 Tests (gen.)



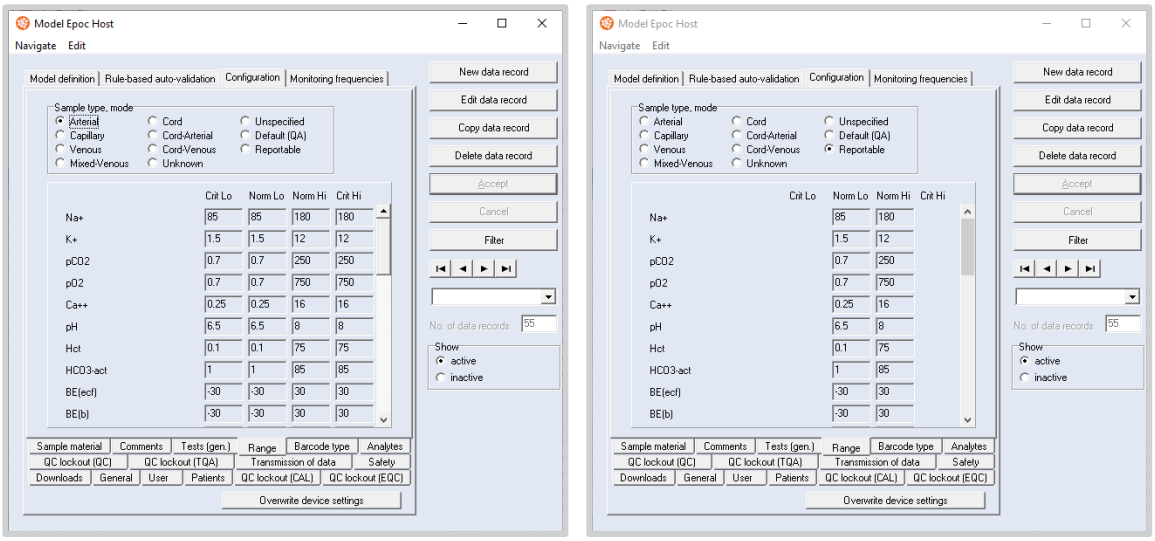
Explanation of the parameters

☐ Patient results may be discarded	If selected, the **Reject test** option will be displayed on the Test Information page on the device. If the user selects this option, patient results will upload to POCcelerator and contain a Test Attribute indicating the user rejected the test. **Note**: This option corresponds to the device's **Allow user to reject test?** option on the Administrator screen. This option is disabled by default.

Table 13: Tests (gen.)

6.14 Range

This tab is used to define reference ranges, critical ranges, and reportable ranges per sample type and analyte.



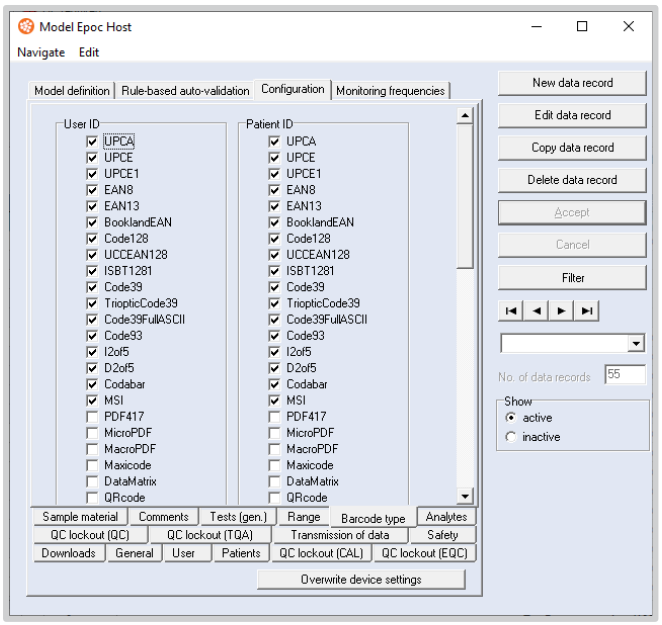
Explanation of the parameters

Sample type, mode Arterial Capillary Venous Mixed Venous Cord Cort-Arterial Cord-Venous Unknown Unspecified Default (QA) Reportable	This is used to select the sample type or mode that the measurement ranges are assigned to. Enter the measurement ranges for each sample type and analyte for **Critical Ranges** and for **Reference Ranges** (Crit Lo, Norm Lo, Norm Hi, Crit Hi). These measurement ranges are downloaded from POCcelerator to the devices. The **Reportable** option is used to define customized reportable ranges for the analyte units of measurement (Norm Lo, Norm Hi). Custom reportable range values cannot exceed device measurement limits for an analyte. Reportable range values that exceed device measurement limits will be ignored. Refer to the *epoc User Manual* for further information.
Crit Lo	Sets the lower critical value for the relevant analyte and the selected sample type.
Norm Lo	Sets the lower reference value for the relevant analyte and the selected sample type. This is the lower value of the reportable range.
Norm Hi	Sets the upper reference value for the relevant analyte and the selected sample type. This is the upper value of the reportable range.
Crit Hi	Sets the upper critical value for the relevant analyte and the selected sample type.

Table 14: Range

6.15 Barcode type

This tab allows you to set the barcode data entry options for the patient ID, user ID, lot number, and other entries. Select all the barcode types used at your location. The types of barcodes selected determine what codes can be scanned into the device.



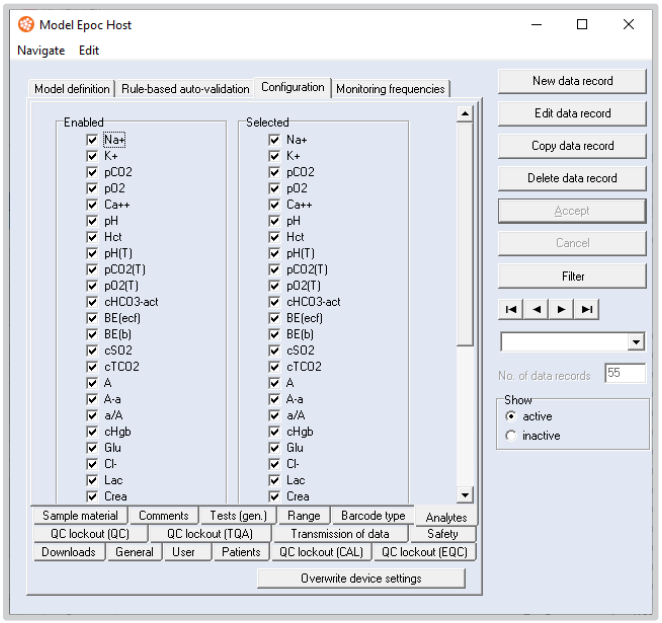
Explanation of the parameters

User ID	Determines the type of barcode used for the user ID.
Patient ID	Determines the type of barcode used for the patient ID.
Lot number	Determines the type of barcode used for the lot number.
Other	Determines the type of barcode used for the password, secondary patient identifier (ID2), comments, and other entries.

Table 15: Barcode type

6.16 Analytes

This tab defines the analytes that are available and pre-selected for testing.



Explanation of the parameters

Enabled	Enables or disables analytes for testing. Some analytes require other analytes for measuring. Required analytes are enabled automatically.
Selected	Defines which analytes are pre-selected when starting a new test.

Table 16: Analytes

7 Support

Contacting Customer Service

Siemens Healthineers is committed to helping you resolve any problems with the POCcelerator Point of Care Data Management System.

For assistance, contact POC Informatics Customer Service:

https://www.siemens-healthineers.com/how-can-we-help-you