



**HEXAGON**

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# User management

## Configuration and application

FAQ  
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## Document History

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# 1 Foreword

User administration is one of the central elements. Whether working with local installations or in the server-client system, working with the software should be done with defined users and groups.

The following exemplary user groups exist in the delivery state.

- Operator
- Supervisor
- Department Head
- Essentials Group
- System Administrator

The group "**System Administrator**" contains the users "SuperUser" and "ConfigurationUser". This group is intended for system configuration and generally has the right of user administration, even if the option is not set.

The recommendation here would be not to add any new users and to create your own administrator group. All other groups only exist as an example and can also be removed when creating your own groups.



Only members of this user group "System Administrator" have access to various options, such as the creation of new user groups and adjustments to the general settings of the user administration.

## **ConfigurationsUser:**

- The default password of the configuration user is "SuperUser".
- This user is the global fallback level. Everything that has been set for this user is inherited by all groups and all users, unless they have their own settings.

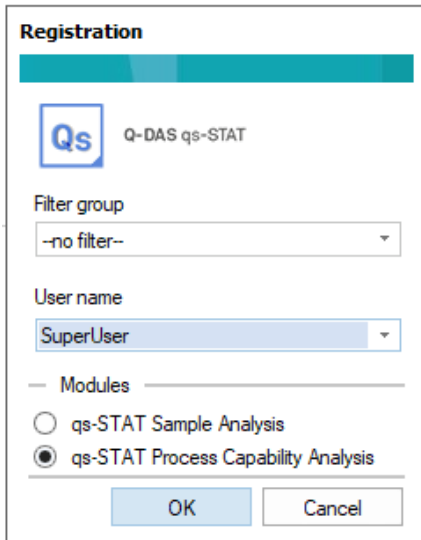
## **SuperUser:**

- The default password of the SuperUser is "SuperUser".
- All SuperUser settings are used for classic server applications such as the Reporting System (M-QIS) or the Q-DM (Upload).


### “Registration” dialogue box

There are different ways to configure the login dialogue. Depending on which settings have been selected, it may look different.

Login dialogue with only the user group selection and user selection



**Registration**

 Q-DAS qs-STAT

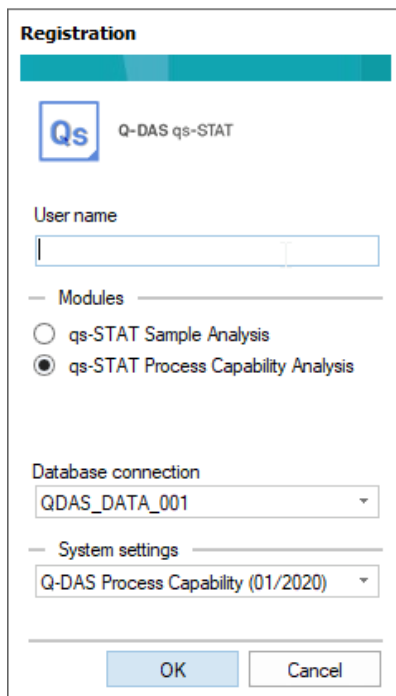
Filter group

User name


— Modules —

qs-STAT Sample Analysis  
 qs-STAT Process Capability Analysis

Login dialogue without user list, with options for module selection, database connection selection and strategy selection.



**Registration**

 Q-DAS qs-STAT

User name

— Modules —

qs-STAT Sample Analysis  
 qs-STAT Process Capability Analysis

Database connection

— System settings —



## General login regulations

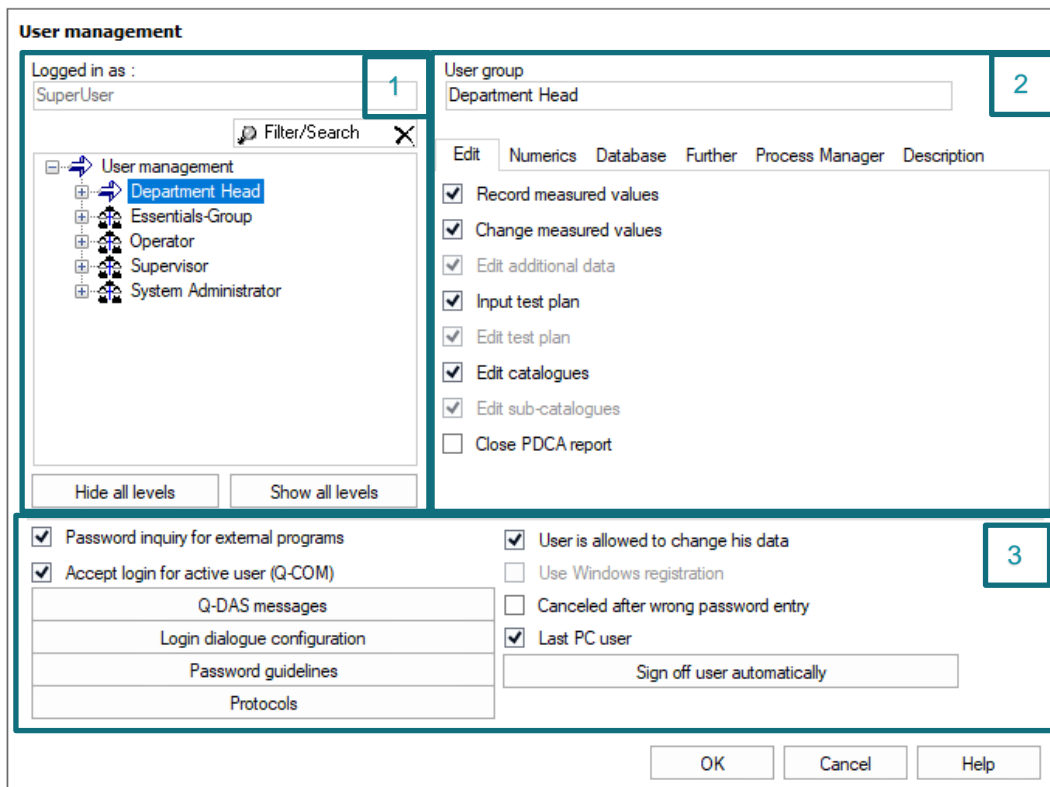
During installation or subsequently via the system configuration, you can select whether multiple starts of the products should be accepted. By default, "Do not allow multiple start" is set with the additional option "Block products". This means that each product can only be started once on a PC with this option in the registry, but different products can be started in parallel (e.g. qs-STAT and solara.MP). With the option "Allow multiple start" the same product can be started by using another licence.

However, a user may only log in once in the system. As soon as a user has been registered, the information is stored in the database. Thus, this user is no longer available for a further registration.

# 1 Structure of the user administration

You can access the user administration via File | Configurations | User Administration. The user administration is divided into three main parts.

1. User group management
2. User group rights
3. General settings



**User management**

Logged in as : SuperUser

User group: Department Head

Filter/Search

User management tree:

- User management
  - Department Head
  - Essentials-Group
  - Operator
  - Supervisor
  - System Administrator

Buttons: Hide all levels, Show all levels

Permissions:

- Record measured values
- Change measured values
- Edit additional data
- Input test plan
- Edit test plan
- Edit catalogues
- Edit sub-catalogues
- Close PDCA report


General settings:

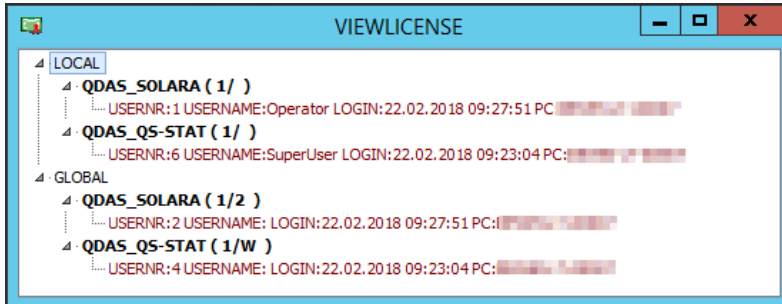
- Password inquiry for external programs
- Accept login for active user (Q-COM)
- Q-DAS messages
- Login dialogue configuration
- Password guidelines
- Protocols
- User is allowed to change his data
- Use Windows registration
- Canceled after wrong password entry
- Last PC user
- Sign off user automatically

Buttons: OK, Cancel, Help

## Loggen-in user

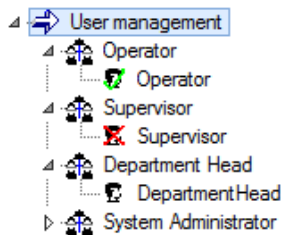
In the upper part of the window, under the item "logged in as", you can see which user is logged in.


Logged in as user "ConfigurationUser",  an option is available with the button that lists the currently used licences.




## User groups

The left part of the window shows the user groups and users. By clicking on the arrow in front of a group, it can be expanded to see the users of a group.



 Users with a green tick are logged in to the software.

 Users with a red cross are blocked. It is no longer possible to log on to the software with these users.

## User group rights

If a group is marked on the link page, its user group rights can be viewed and the required permissions can also be changed. Only users in the "System Administrator" group have the right to change the permissions.

## User information

If a user is marked on the left-hand side, his or her user data can be viewed and also changed. Only users in the System Administrators group or users with the "User Administration" right have this right. If the user is to change his data himself, the global option "User can change his data" must be set for all users.

## Generally settings

The lower part shows the settings that apply equally to all user groups.

<input checked="" type="checkbox"/> Password inquiry for external programs	<input checked="" type="checkbox"/> User is allowed to change his data
<input checked="" type="checkbox"/> Accept login for active user (Q-COM)	<input type="checkbox"/> Use Windows registration
<input type="text" value="Q-DAS messages"/>	<input type="checkbox"/> Canceled after wrong password entry
<input type="text" value="Login dialogue configuration"/>	<input type="checkbox"/> Last PC user
<input type="text" value="Password guidelines"/>	<input type="text" value="Sign off user automatically"/>

## Move user

Users can be held with the mouse and moved to other groups.

It is not possible to move users into a Windows logon group. However, users can be moved from a Windows logon group to another group and then start with Windows logon in that group.

# 2 User data

As soon as a user in the list is marked, his or her login details appear on the right-hand side:

User name  
Operator

Password  
•••

Sector  
Sector 1 ...

Department  
Dep. 1 ...

Workshop  
Workshop 1 ...

Cost centre  
Cost centre 1 ...

Name  
Operator

Company Name  
Q-DAS

Telephone  
06201-3941-0

Telefax  
06201-3941-24

E-Mail

Windows user

Signature

### Username and password

Enter the user name here. This entry is shown when logging in. Furthermore, it is recommended to assign a password for each user.

User name	<input type="text" value="Operator"/>
Password	<input type="password" value="•••"/>



If special settings have already been made in the password guidelines, they take effect here already when the password is assigned. Depending on the application, a dialogue may open here to enter the password and confirm it again.

### Personal data

Enter the data on the person here. These entries may appear in reports. In the standard reports, only parts of this information are listed so far. The data area, department, cost centre and workshop are selected from a catalogue, which can also be edited directly here, provided the logged-in user has the user group right of the user group administration.

To edit the catalogues, use the button

Sector	<input type="text" value="Sector 1"/>	<input type="button" value="v"/>	<input type="button" value="..."/>
Department	<input type="text" value="Dep. 1"/>	<input type="button" value="v"/>	<input type="button" value="..."/>
Workshop	<input type="text" value="Workshop 1"/>	<input type="button" value="v"/>	<input type="button" value="..."/>
Cost centre	<input type="text" value="Cost centre 1"/>	<input type="button" value="v"/>	<input type="button" value="..."/>
Name	<input type="text" value="Operator"/>		
Company Name	<input type="text" value="Q-DAS"/>		
Telephone	<input type="text" value="06201-3941-0"/>		
Telefax	<input type="text" value="06201-3941-24"/>		
E-Mail	<input type="text"/>		

### Windows users

There are three different settings for this option

- Windows user      Q-DAS user
- Windows user      User not defined. This is a more temporary state. After confirming with "OK", the user is converted to a QDAS user.
- Windows user      Windows user

This option marks the user for password verification. For users defined as Windows users, password verification is performed by the Windows operating system, while for Q-DAS users, password verification is performed by the Q-DAS software.

When using a Windows login group, the option is automatically set for the users of this group. Together with the option "Use Windows Login


The general options "Use Windows login" as well as the options and "Login with Windows password for Windows users" can be used as soon as the option "Windows user" has been set.

### Signature

Here you have the option of assigning an image of a scanned signature to the user. For security reasons, this image is not saved as a path, but is encrypted in the configuration database and saved with the user. When printing a report with a signature, a password query is made.



The form designer can then be used to place a placeholder for the signature on a report. (to be found under "Graphic selection image file").

The requirements were not met ( <u>P<sub>p</sub></u> , <u>P<sub>pk</sub></u> , <u>LV</u> )		
P <sub>p</sub> target		1.00
P <sub>pk</sub> target		1.00
⊕ Q-DAS Process Capability (01/2018)		

*John Doe*

12 / 180206 Signature.def

TEST\_ALL.dfq

C:\Q-DAS\Share\PLANT\DEFAULT\Examples\20\_Process-Capability-Analysis\

If such a report is printed, as a PDF or to a physical printer, the password query of this user comes up:

Enter password x

---

John Doe



**Critical comment by Q-DAS:**

This option was created to meet the requirement by clients that reports must be printed, signed and scanned back in for filing. The "Signature" option facilitates the process of these requirements.



In order to be audit-proof, it is strongly recommended to work with a consistent user administration with personalised login and password-protected login, according to the regulations of your company. The reports should be provided with login data as well as the information that leads to the unique identification of a user. This then makes an embedded signature obsolete.

In the following example, data such as user name, department, report name, record name, login name in the Q-DAS software and the PC name were used for user identification in the header and footer.

HEXAGON		Q-DAS		Sample Analysis		Datum 13.02.2018		Page 1 / 13	
<b>Op.Name.</b>	John Doe	<b>Department</b>	Dep. 1	<b>Evaluation</b>	from 07.05.1992 13:43:08 to	07.05.1992 14:21:02			
<b>Part no.</b>	1	<b>OP no.</b>		<b>Drw.No.</b>					
<b>Part descr.</b>	Assembly #1	<b>Mach.Descr.</b>	Machining & Assembly Cell						
<b>Char.No.</b>	1	<b>Char.Descr.</b>	Test 1						
<b>Char.Class</b>	unimportant	<b>Calc.Tol.</b>	0,080	<b>USL</b>	20,040				
<b>Nom.val.</b>	20,000	<b>Unit</b>	mm	<b>LSL</b>	19,960				
<b>Char. Remark</b>	correct indication of out of control conditions (xbar/s chart)								
Demand Critical capability index		* MK target		1,00					
⊖ Q-DAS Machine Capability (01/2018)									
Q-DAS / TEQ - intern Zeitbegrenzung 90 Tage			_def			TEST_ALL.dfg			
<b>DepartmentHead</b>	D		C:\Q-DAS\Share\PLANT\DEFAULT\Examples\20_Process-Capability-Analysis\						

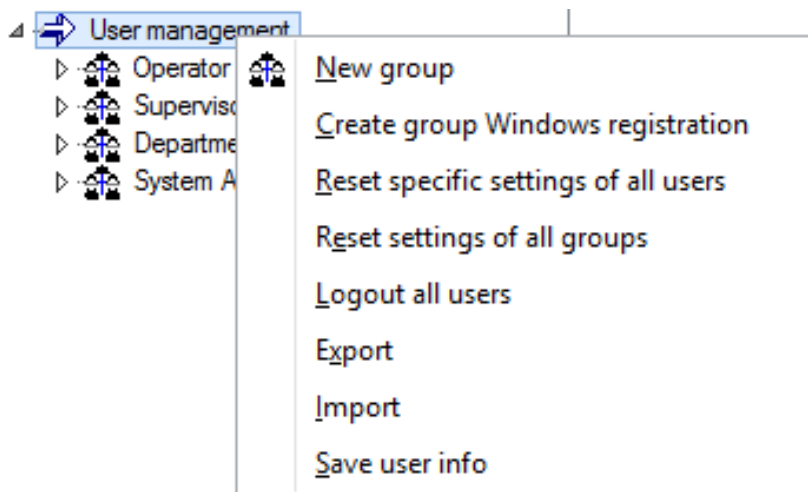
## 3 User group management

The users and groups listed here are sorted alphabetically. First the sorting is done alphabetically by user groups and within a group alphabetically by users.

With a right mouse click, a corresponding dialogue with the respective options appears depending on the level.

### 3.1 User management

By right-clicking on the user management, the options available here are offered.



#### 3.1.1 New group

This option allows you to create new Q-DAS user groups.

#### 3.1.2 Create group Windows registration

This option allows you to create a Windows registration group. All users who log on to your workstation with a Windows user profile and use Q-DAS products can be automatically added to a Windows user group. Unlike a Q-DAS user group, Windows user groups cannot be deleted once they have been created.

For the automatic creation of users in a Windows user group, the option "Use Windows logon" must be activated. This option can be deactivated again.

#### 3.1.3 Reset settings of all users


This option resets all individual user settings of all users of all groups. The individual settings of the groups remain.



### 3.1.4 Reset settings of all groups

This option resets all individual settings for all groups. If individual settings have been saved for individual users, they remain valid at the user level.

### 3.1.5 Logout all users

Using this menu item, it is possible to log out all logged-in users, regardless of the programme used. The logged-in users are marked with a green tick in  front of the respective user name. By logging off the users, they are available again for selection within the user selection at the start of the programme.



There is a risk of data loss when using this function!

### 3.1.6 Export

With this option, you have the possibility to export user and group settings and to use them, for example, as a backup, to clean up or to preserve the internal user numbers when applying the FDA guidelines when transferring them to other locally installed computers. The format of the Access database is available here.

You have the option of selecting all groups and users or, depending on the selection, the individual groups, users or user settings for export.



### 3.1.7 Import

You can use this option to import the user and group settings again. If a group name already exists, it can be added as a new group via the import. A consecutive number is added to the group name here. The same applies to users.



The data format of the MS Access databases is used for the import or export. When using this option, make sure that the Q-DAS software is either started in the 32Bit version or that the additional Access driver has been installed when starting the 64Bit version.

In the case of a server-client installation, it is recommended to use the server for import and export, as the software is always started in 32-bit version on a server.

### 3.1.8 Save user info

With this option you have the possibility to save an overview of the groups and users in a text file.

If the logged-in user belongs to the group of system administrators, he or she can create an overview for all users and all groups.

#### User management

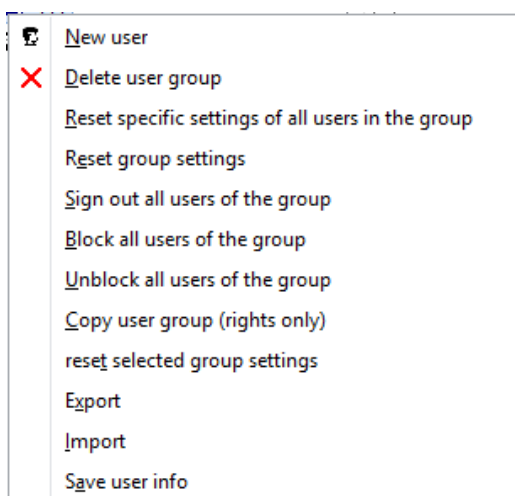
Operator					
Operator	ACTIVE : 0	LOGIN : 20.02.2018 10:45:36	LOGOUT : 20.02.2018 10:45:38	SETTINGS	
Operator_SJ_x	ACTIVE : -1	LOGIN : 19.02.2018 10:15:38	LOGOUT : 19.02.2018 10:15:47	SETTINGS	
Supervisor					
Supervisor	ACTIVE : 0	LOGIN :	LOGOUT :		
Department Head					
DepartmentHead	ACTIVE : 0	LOGIN :	LOGOUT :		
Operator_1					
Operator_1	ACTIVE : qs-STAT	LOGIN : 20.02.2018 10:49:22	LOGOUT : 20.02.2018 10:49:20	SETTINGS	
System Administrator	SETTINGS				
ConfigurationUser	ACTIVE : qs-STAT	LOGIN : 19.02.2018 16:55:31	LOGOUT : 19.02.2018 16:55:26		
SuperUser	ACTIVE : 0	LOGIN : 19.02.2018 13:36:20	LOGOUT : 19.02.2018 13:36:59	SETTINGS	

Users with the "User Administration" right only receive an overview of the users and groups that do not belong to the System Administrators user group.

Operator					
Operator	ACTIVE : 0	LOGIN : 20.02.2018 10:45:36	LOGOUT : 20.02.2018 10:45:38	SETTINGS	
Operator_SJ_x	ACTIVE : 0	LOGIN : 19.02.2018 10:15:38	LOGOUT : 19.02.2018 10:15:47	SETTINGS	
Supervisor					
Supervisor	ACTIVE : 0	LOGIN :	LOGOUT :		
Department Head					
DepartmentHead	ACTIVE : 0	LOGIN :	LOGOUT :		
Operator_1					
Operator_1	ACTIVE : qs-STAT	LOGIN : 20.02.2018 10:58:49	LOGOUT : 20.02.2018 10:58:48	SETTINGS	

## 3.2 User groups

Right-clicking on a user group offers the options available here.



### 3.2.1 New user

This option allows you to create a new user.

### 3.2.2 Delete user group

Here you can delete a user group. This menu item is only offered for selection if the logged-in user belongs to the System Administrators group and the group to be deleted does not contain any users.


### 3.2.3 Reset settings of all users in the group

This option resets all individual user settings of all users in the selected group. The individual settings of the group remain.

### 3.2.4 Reset group settings


This option resets all individual settings of the selected groups. If individual settings have been saved for individual users, they remain valid at the user level.

### 3.2.5 Sign out all users of the group


Using this menu item, it is possible to log out all logged-in users who belong to the marked group, regardless of the Q-DAS programme used in each case. The logged-in users are marked with a green tick in  front of the respective user name. By logging off the users, they are available again for selection within the user selection when the programme is started.

Caution: When using this function, there is a risk of data loss!

### 3.2.6 Block all users in the group

With this option you can block all users of a group for all Q-DAS programmes. The blocked users are no longer listed in the selection list when the programme is started, so that it is no longer possible to log in with this user. The blocked user is displayed in the user administration as follows: . If you move the mouse over the blocked user, an additional info text is displayed to inform you that the user is blocked.

### 3.2.7 Unblock all users in the group

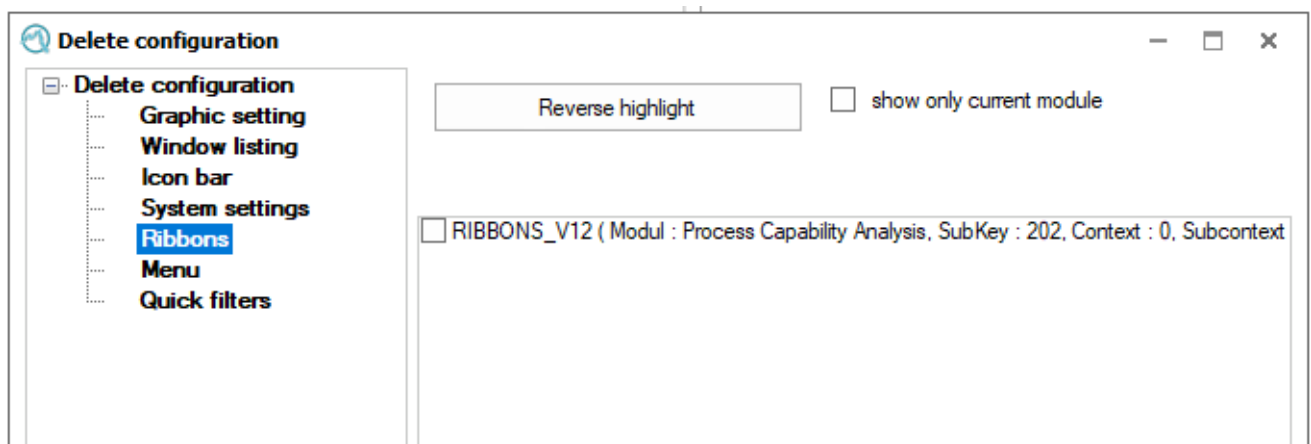
You can use this option to unblock all users of the selected group. This means that they are listed in the selection list when the programme is started so that a login can take place. The unblocked users are displayed in the user administration as follows: .

### 3.2.8 Copy user group (rights only)

This function allows you to copy the selected group. Only the group rights without users are copied.

### 3.2.9 Reset selected group settings

Here you have the option of deleting individual settings for the selected user group. The window "Delete configuration" opens. The left column shows the different areas in which settings have been changed. The right column shows which settings have been changed. If you want to delete a setting, place a tick in front of the setting to be deleted and then click on "OK". By selecting several settings, you can delete them all at once.



You can use the "Invert selection" button to select or deselect existing settings at the same time.

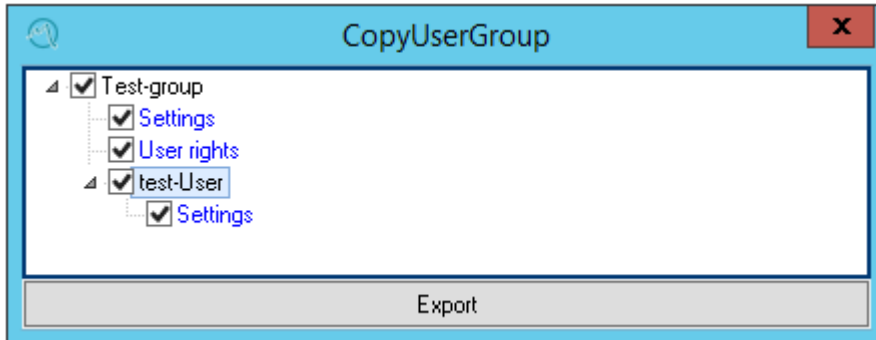


The menu item "Reset selected settings of the group" is only offered for selection if settings have been assigned to the user group via "Configuration management".

### 3.2.10 Export

With this option you have the possibility to export user and group settings for the selected group and to use them, for example, as a backup, for cleaning up or for preserving the internal user numbers when applying the FDA guidelines when transferring to other locally installed computers. The format of the Access database is available here.

You have the option of selecting the marked group or, depending on the selection, the individual users or user settings for the export.



### 3.2.11 Import

You can use this option to import the user and group settings again. If a group name already exists, it can be added as a new group via the import. A consecutive number is added to the group name here. The same applies to users.



The data format of the MS Access databases is used for the import or export. When using this option, make sure that the Q-DAS software is either started in the 32Bit version or that the additional Access driver has been installed when starting the 64Bit version.

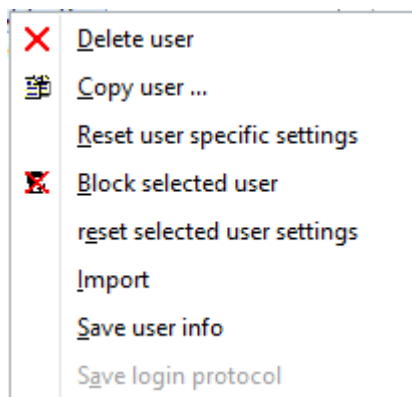
In the case of a server-client installation, it is recommended to use the server for import and export, as the software is always started in 32-bit version on a server.

### 3.2.12 Save user info

Same function as in the user administration.

## 3.3 User

Right-clicking on a user offers the options available here.

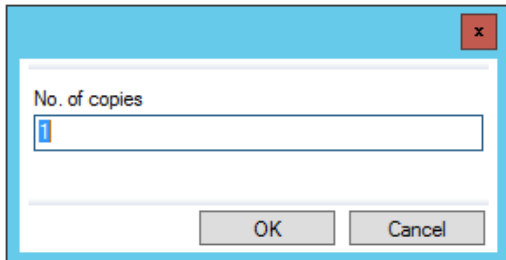


### 3.3.1 Delete user

With this option, you can delete the selected user, provided that the option "Users may not be deleted" is not set under general settings and the logged-in user belongs to the group of system administrators or has the right "User administration".

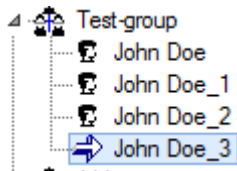
### 3.3.2 Copy user

Here you can copy the selected user. A dialogue opens in which you can enter how often the user is to be copied.



The created/copied user receives the settings/rights assigned to the respective user group. The individual settings are not copied.


When naming, the name of the user to be copied is used and supplemented by a sequential number.



### 3.3.3 Reset user specific settings


This option resets all individual user settings. The individual settings of the group remain.

### 3.3.4 Block selected user

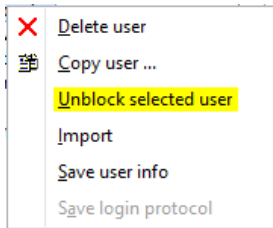
With this option you can block the selected user for all Q-DAS programmes. The blocked user is no longer listed in the selection list when the programme is started, so that it is no longer possible to log in with this user. The blocked user is displayed in the user administration as follows: . If you move the mouse over the blocked user, an additional info text is displayed to inform you that the user is blocked.



### 3.3.5 Unlock selected user

You can use this option to unlock the selected user. This means that the user is listed in the selection list when the programme is started, so that a login can take place. The unlocked users are displayed in the user administration as follows: .

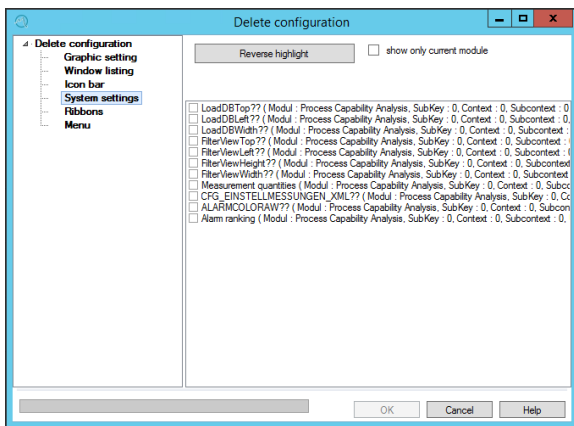
The menu item "Unlock selected users" is only offered for selection if the selected user has been locked.



### 3.3.6 Reset selected user settings

With this option, individual user settings of the marked user can be reset separately. The individual settings of the group remain.

The window "Delete configuration" opens. The left column shows the different areas in which settings have been changed. The right column shows you which settings have been changed. If you want to delete a setting, you must place a tick in front of the setting to be deleted and then confirm with "OK". By selecting several settings, you can delete them all at once.



You can use the "Invert selection" button to select/deselect existing setting positions simultaneously.

If you tick "Show current module only", only the changed settings for the currently active module, e.g. sample analysis or process analysis, are displayed.



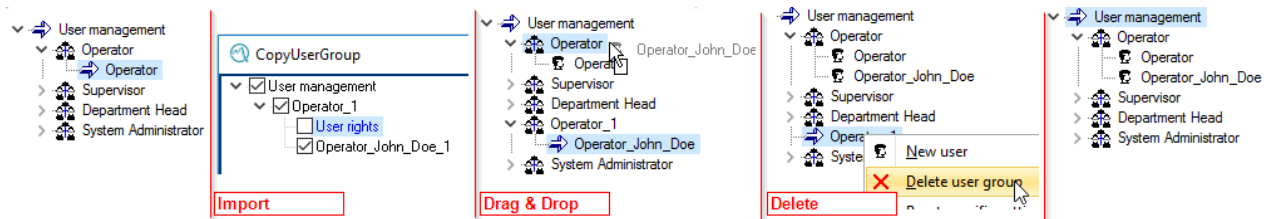
The menu item "Reset selected user settings" is only offered for selection if the user has saved individual settings.

### 3.3.7 Import

You can use this option to import the user and group settings again. If user or group names already exist, they are added as new entries. Here, a consecutive number is added to the existing designation.

Import individual users

Individual users can only be imported in connection with the group. If you want to add an individual user to an existing group, it is first necessary to import the user with the group, then the user is moved from the newly created group to the existing group using drag & drop. The newly created group can then be deleted.



The data format of the MS Access databases is used for the import or export. When using this option, make sure that the Q-DAS software is either started in the 32Bit version or that the additional Access driver has been installed when starting the 64Bit version.

In the case of a server-client installation, it is recommended to use the server for import and export, as the software is always started in 32-bit version on a server.

### 3.3.8 Save user info

Same function as in the user administration.

### 3.3.9 Save login log

With this option you have the possibility to save an overview of all logins of a user in a text file.

The menu item "Save login log" is only offered for selection if the option "Lifetime of login log entries" has been set to >0 in the general settings under File | Configurations | User administration | Login dialogue configuration.

### 3.3.10 User must change password at next login

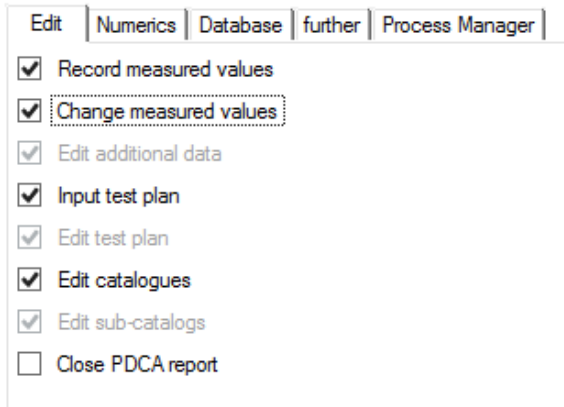
If "Change password at 1st login" has been activated in the password guidelines, the user can be prompted to enter a new password the next time the software is started.

## 4 User group rights

To display the rights of the users of a certain user group, the desired user group must be selected. Via the *Standard* tab, the individual user rights are displayed in the right half of the window. Adjusting the user rights can only be done by users in the System Administrators group. By activating the respective user right, all users of this (selected) user group are assigned the corresponding right. The group permissions are divided into five tabs: Editing, Numeric, Database, Other and Process Manager.

### 4.1 Edit

The following rights are available under the editing tab.



The screenshot shows a window with five tabs: 'Edit', 'Numerics', 'Database', 'further', and 'Process Manager'. The 'Edit' tab is selected. Below the tabs is a list of eight user rights, each with a checkbox:

- Record measured values
- Change measured values
- Edit additional data
- Input test plan
- Edit test plan
- Edit catalogues
- Edit sub-catalogs
- Close PDCA report

#### 4.1.1 Record measured values

The user group has the right to enter new measured values.

#### 4.1.2 Change measured values

The user group may change and delete already recorded measured values. If this right is given, the right "Change additional data" is also automatically given.

When using O-QIS MCA/CMM Reporting, this option means that only the last measurement that has not yet been acknowledged can be changed.

#### 4.1.3 Edit additional data

If the user group does not have the right to change measured values, but to edit additional data, the additional data, such as batch number, nest number, etc., of existing measured values can be changed. However, this does not apply to the measured values.

#### **4.1.4 Input test plan**

The user group has the right to create new test plans.

If this right is given, the right "Change test plan" is also automatically given.

#### **4.1.5 Edit test plan**

The user group has the right to edit already existing test plans, but not to create new test plans.

#### **4.1.6 Edit catalogues**

The user group has the right to edit catalogue entries. This means that existing entries can be changed and new entries can be added or deleted.

If this right is given, the right "Edit subcatalogues" is also automatically given.

#### **4.1.7 Edit subcatalogues**

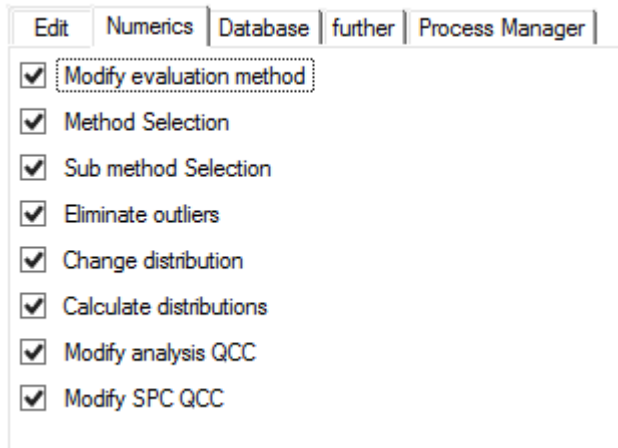
The user group has the right to edit sub-catalogue entries, but not the right to edit the catalogue entries. This means that existing sub-catalogue entries can be edited and new ones added.

#### **4.1.8 Close PDCA report**

If PDCA reports are used, the user group has the right to close a PDCA report and thus prevent further processing.

## 4.2 Numerics

The following rights are available under the Numerics tab.



### 4.2.1 Modify evaluation method

The user can edit evaluation strategies. The strategies delivered in the standard system can never be edited, but new strategies can be created and edited on the basis of them.



Restriction in the product destra:

Here, in the process analysis and the measurement system analysis, only one strategy is available. If a new strategy is created on the basis of this one, only this new strategy is available.

### 4.2.2 Method Selection

The user group has the right to select other evaluation strategies that have the status "visible".

This option has no meaning in the destra modules Process Analysis and Measuring System Analysis, as there is only one strategy as a restriction here.



If the rights "Change evaluation strategy" and "Select strategy" are both deactivated, the evaluation strategy specified by the system administrator applies.

### 4.2.3 Sub-method selection

This option is only relevant in the solara.MP product. Here the user group has the option of selecting from the available sub-strategies for each evaluation type via the strategy or via the characteristics mask.



If the rights "Modify evaluation strategy" and "Method selection" are both deactivated, the sub-strategy can still be selected by the user.

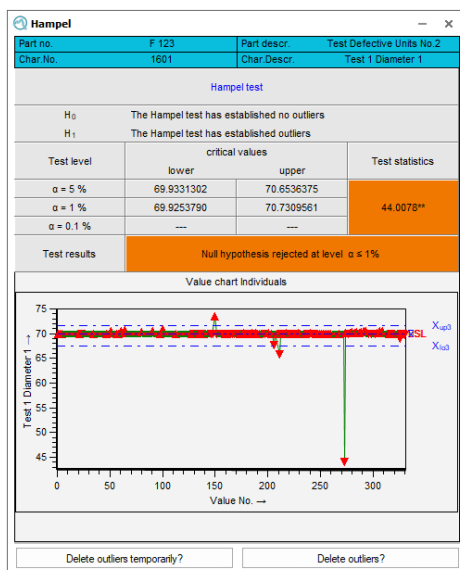
### 4.2.4 Eliminate outliers

The user group has the right to exclude or remove from the evaluation all values recognised as outliers using a test procedure, such as a Hampel test.

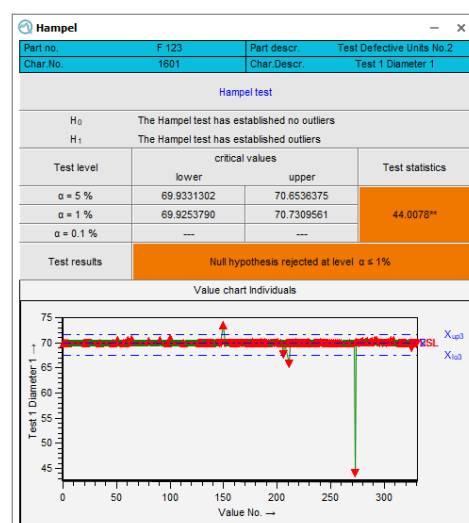
Mathematically based on the strategy, the outlier tests and "Test procedure overview" show the outliers. Depending on the rights of the user group, the buttons for removing the outliers are offered here.

The following example shows how the Hampel test looks with and without the "Remove outliers" option

With the right



Without the right



## 4.2.5 Change distribution

The user group has the right to change the distribution specified by the evaluation strategy.

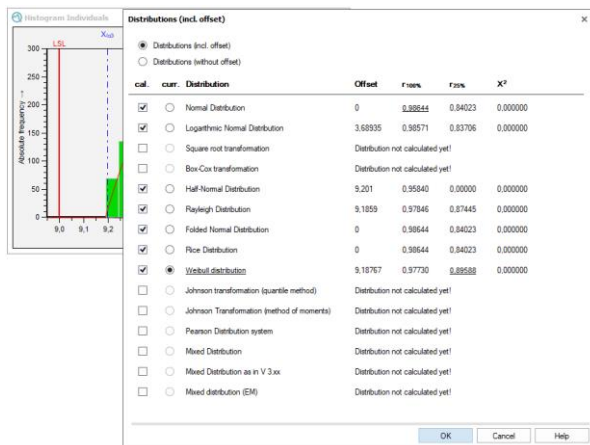


If the right "Change distributions" is assigned to a user group but the right "Calculate distributions" is not, only the distributions that are permitted in the strategy process can be selected.

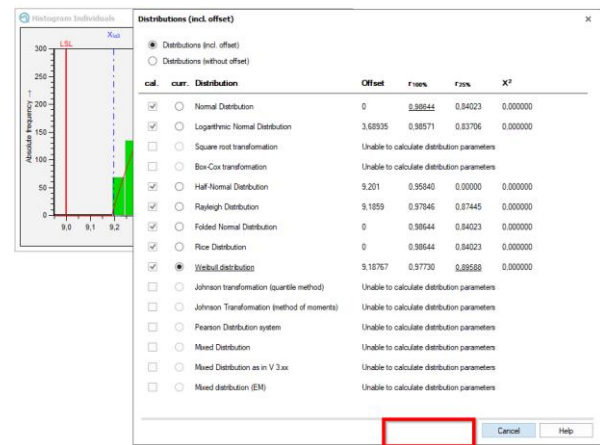
If calculation methods are used which work without distributions or only with permitted distributions, such as VW or Afnor, the use of these calculation methods may not have any influence on the characteristic values considered.

If the option "Change distribution" is deactivated, other distributions can be selected, but the new selection cannot be chosen. Only viewing the parameters of the individual distributions is possible.

With the right



Without the right



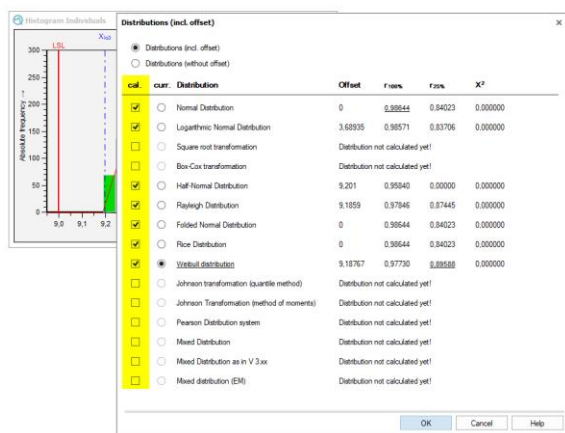
## 4.2.6 Calculate distribution

The user group has the right to select a calculation of the distribution that is not given by the evaluation strategy. This option can only be used if the right "Change distribution" is given.

If the user right "Calculate distribution" is activated, the selection fields in the left part of the window become active.

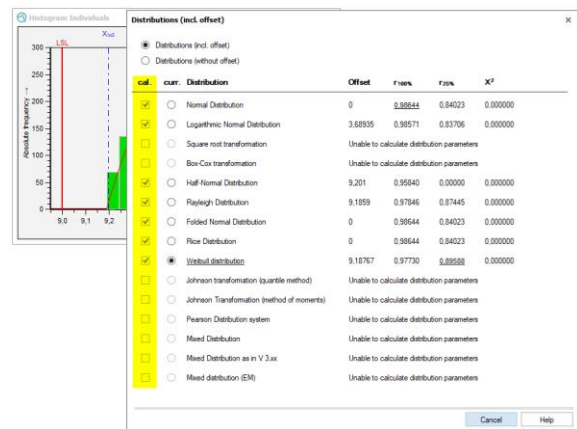
If calculation methods are used which work without distributions or only with permitted distributions, such as VW or Afnor, the use of these calculation methods may not have any influence on the characteristic values considered.

With the right



cal	car.	Distribution	Offset	r <sub>norm</sub>	r <sub>inv</sub>	X <sup>2</sup>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Normal Distribution	0	0.88644	0.84023	0.000000
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Logarithmic Normal Distribution	3.68935	0.98571	0.83706	0.000000
<input type="checkbox"/>	<input type="checkbox"/>	Square root transformation	Distribution not calculated yet!			
<input type="checkbox"/>	<input type="checkbox"/>	Box-Cox transformation	Distribution not calculated yet!			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Half-Normal Distribution	9.201	0.95940	0.00000	0.000000
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rayleigh Distribution	9.1859	0.97846	0.87445	0.000000
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Folded Normal Distribution	0	0.98644	0.84023	0.000000
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rice Distribution	0	0.98644	0.84023	0.000000
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Weibull distribution	9.18767	0.97730	0.88688	0.000000
<input type="checkbox"/>	<input type="checkbox"/>	Johnson transformation (quartile method)	Distribution not calculated yet!			
<input type="checkbox"/>	<input type="checkbox"/>	Johnson Transformation (method of moments)	Distribution not calculated yet!			
<input type="checkbox"/>	<input type="checkbox"/>	Pearson Distribution system	Distribution not calculated yet!			
<input type="checkbox"/>	<input type="checkbox"/>	Mixed Distribution	Distribution not calculated yet!			
<input type="checkbox"/>	<input type="checkbox"/>	Mixed Distribution as in V 3.0x	Distribution not calculated yet!			
<input type="checkbox"/>	<input type="checkbox"/>	Mixed distribution (EM)	Distribution not calculated yet!			

Without the right



cal	car.	Distribution	Offset	r <sub>norm</sub>	r <sub>inv</sub>	X <sup>2</sup>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Normal Distribution	0	0.88644	0.84023	0.000000
<input type="checkbox"/>	<input type="checkbox"/>	Logarithmic Normal Distribution	3.68935	0.98571	0.83706	0.000000
<input type="checkbox"/>	<input type="checkbox"/>	Square root transformation	Unable to calculate distribution parameters			
<input type="checkbox"/>	<input type="checkbox"/>	Box-Cox transformation	Unable to calculate distribution parameters			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Half-Normal Distribution	9.201	0.95940	0.00000	0.000000
<input type="checkbox"/>	<input type="checkbox"/>	Rayleigh Distribution	9.1859	0.97846	0.87445	0.000000
<input type="checkbox"/>	<input type="checkbox"/>	Folded Normal Distribution	0	0.98644	0.84023	0.000000
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rice Distribution	0	0.98644	0.84023	0.000000
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Weibull distribution	9.18767	0.97730	0.88688	0.000000
<input type="checkbox"/>	<input type="checkbox"/>	Johnson transformation (quartile method)	Unable to calculate distribution parameters			
<input type="checkbox"/>	<input type="checkbox"/>	Johnson Transformation (method of moments)	Unable to calculate distribution parameters			
<input type="checkbox"/>	<input type="checkbox"/>	Pearson Distribution system	Unable to calculate distribution parameters			
<input type="checkbox"/>	<input type="checkbox"/>	Mixed Distribution	Unable to calculate distribution parameters			
<input type="checkbox"/>	<input type="checkbox"/>	Mixed Distribution as in V 3.0x	Unable to calculate distribution parameters			
<input type="checkbox"/>	<input type="checkbox"/>	Mixed distribution (EM)	Unable to calculate distribution parameters			



## 4.2.7 Modify Analysis QCC

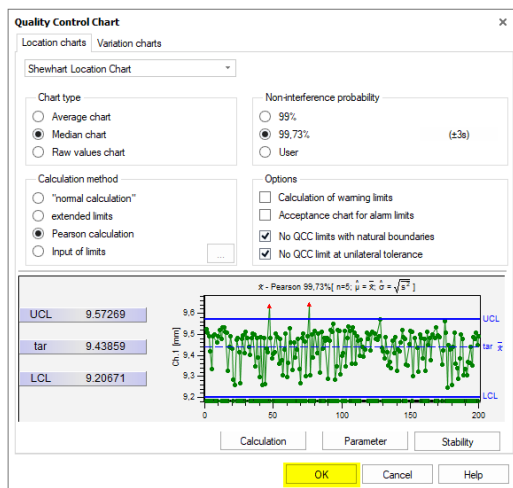
The user group has the right to have the analysis QCC calculated by the evaluation strategy recalculated with other parameters.



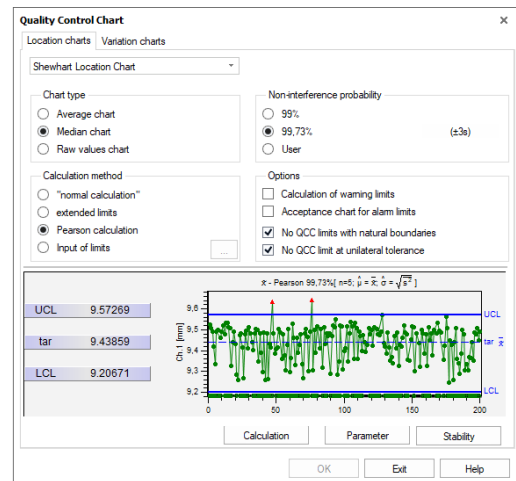
Performing an analysis QCC calculation may have an impact on whether the data set is stable and thus may have an impact on the target values of the capability parameters.

If the option is activated, the analysis QCC can be calculated via the "OK" button.

With the right



Without the right



## 4.2.8 Change SPC QCC

The user group has the right to have the SPC QCC calculated by the evaluation strategy recalculated with other parameters.

Stored control charts with self-defined limits are taken over as online QCC for data collection in O-QIS. These can only be used if this has been defined accordingly in the strategy used in O-QIS.

The behaviour is the same as the right "Change analysis QCC".

## 4.3 Database

The following rights are available under the Database tab.

Edit	Numerics	Database	further	Process Manager
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Lock or release test plan		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> DB query in user groups		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Save to database		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Delete part from database		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Database administration		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> All test plan visible at the work station		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Switch database connection		
<input type="checkbox"/>		<input type="checkbox"/> Establish database connection.		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Limited configuration options while reading from database		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> All configuration options while reading from database		

### 4.3.1 Lock or release test plan

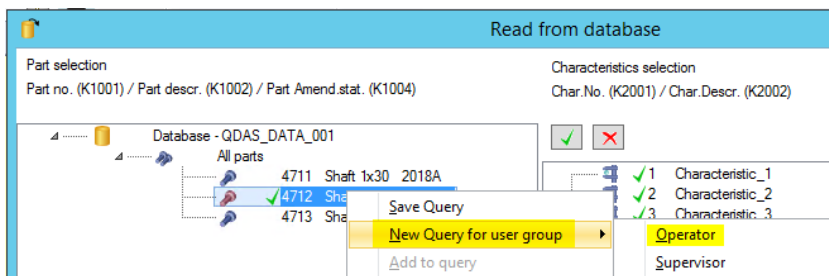
The user group has the right to lock or unlock test plans in the database. The information whether a test plan is locked is stored in the K field K1017.

### 4.3.2 DB query for user groups

The user group has the right to create new selections and quick filters as well as individual complex filters for other user groups.

#### Queries

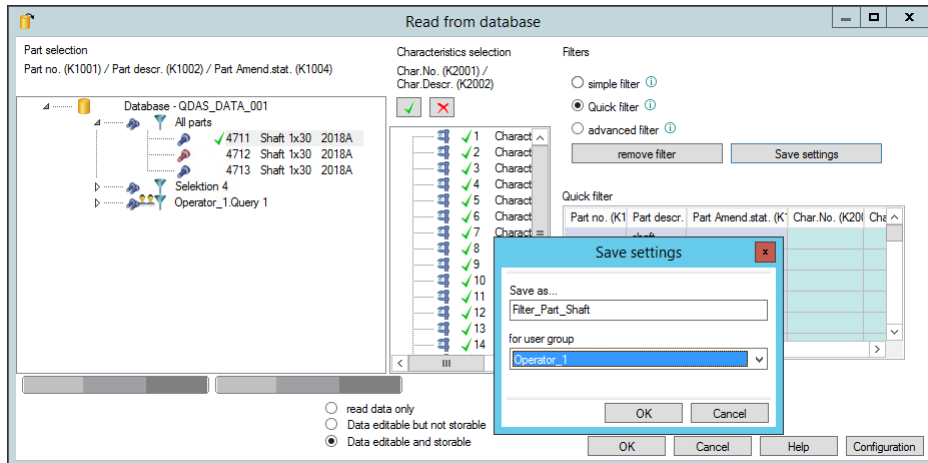
A new query is normally only assigned to the current user. If the user group has the right "DB selections for user groups", the query of the current user can be transferred to other user groups via "new query for user group".



The selections created for a user group are displayed as follows when reading from the database:  .

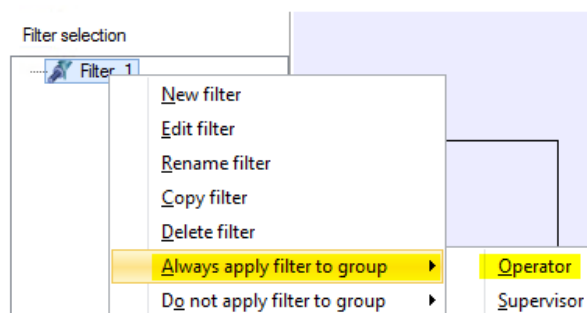
### Quick Filter

After settings have been made for the Quick Filter, it can be given a unique name and assigned to a user group via the "Save settings" button.



### Advanced filter

If the user group has the right "DB query for user groups", the users of this group can also assign a single complex part filter as a pre-filter over all parts to other user groups.



The complex part filters created for a user group are displayed as follows when reading from the database:



The selections and quick filters created by a user are saved on a user-specific basis. Even if they have been distributed to another user group, the right to delete them is reserved only for the creator or the configuration user.



If a complex part filter has been assigned to a user group, the assignment can be removed again by the ConfigurationUser or a user of a group with the right "DB query for user groups".

### 4.3.3 Save to database

All users in the group have write access to the database. Without this right, only reading from the database is allowed.

### 4.3.4 Delete part from database

Users are allowed to delete parts from the database.

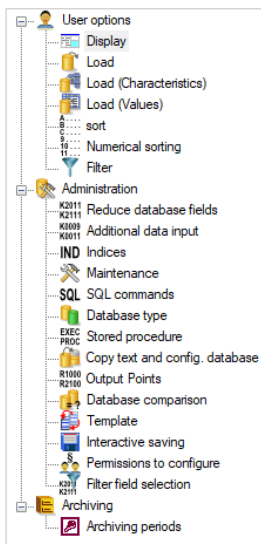
### 4.3.5 Release locked part

This right is automatically set if the database administration right is set. Without this, the right "Release locked part" can be set, which allows the users of the group to release locked parts via the separate menu item without having to do this in the database administration area.

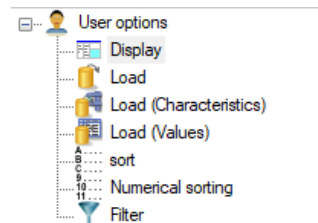
### 4.3.6 Database administration

The user group has the right to make configurations for the database.

With the right



Without the right



The adjustment of the rights "restricted configuration" and "full configuration" can only be made if the right "database administration" is given.

It is recommended to set this user right only for the group "System Administrators".

#### 4.3.7 All test plans visible at the workstation

If this right has been assigned to a user group, all existing test plans can be viewed at the workstation. If this right has not been assigned to a user group, only those test plans are displayed which have been assigned to the wards via SPC test planning when using the database as the server for test planning.

The right "All test plans visible at the workstation" has no effect on the test plans that were assigned via a selection.

#### 4.3.8 Switch database connection

The user group has the right to change the database connection, but not to create a new one.

If the right "Change database connection" is deactivated, the FireDAC name of the connection is displayed, but it cannot be selected.

#### 4.3.9 Establish database connection

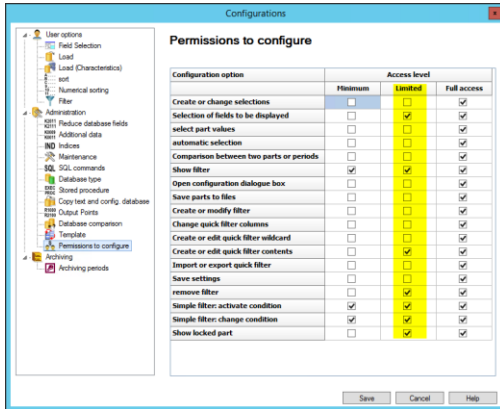
The user group has the right to create new database connections and rename them.



In order to be able to create database connections, the right "Switch database connections" must also be assigned to the user group beforehand.

#### 4.3.10 Limited configuration options while reading from database

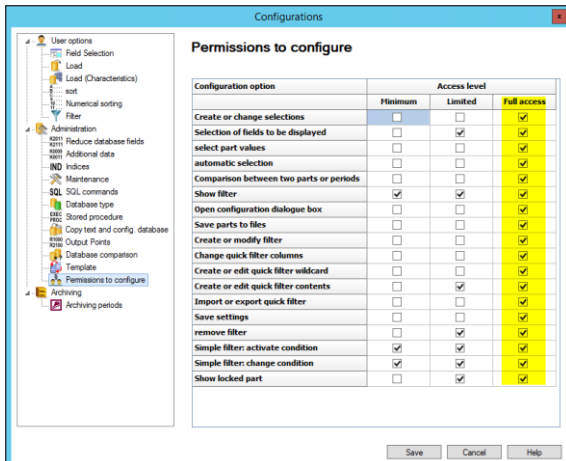
The user group receives the rights of the restricted database configuration. The scope of the restricted configuration rights can only be defined by the users with the "database administration" right.



If neither the limited nor the full configuration rights are assigned to a user group, the minimum rights are used to access the databases.

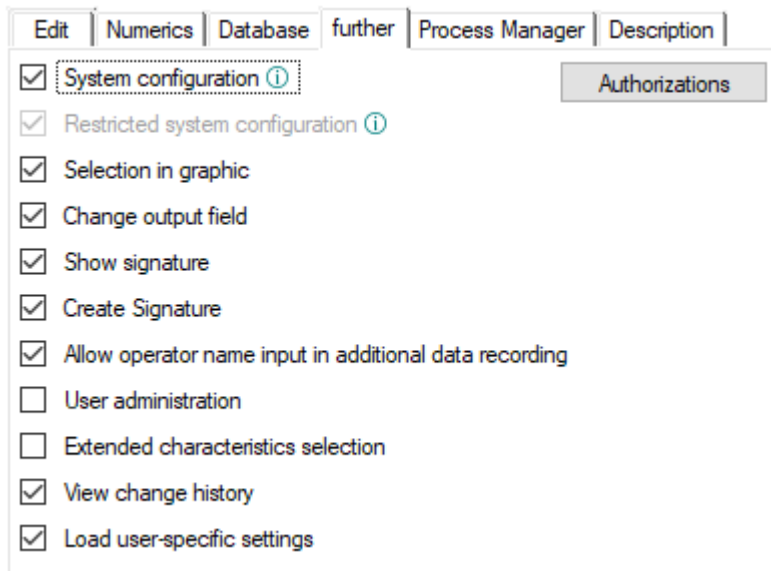
#### 4.3.11 All configuration options while reading from database

The user group receives the rights of the restricted database configuration. The scope of the full configuration rights can only be defined by the users with the right "database administration".



## 4.4 Further

The following rights are available under the tab Further.



System configuration ⓘ Authorizations  
 Restricted system configuration ⓘ  
 Selection in graphic  
 Change output field  
 Show signature  
 Create Signature  
 Allow operator name input in additional data recording  
 User administration  
 Extended characteristics selection  
 View change history  
 Load user-specific settings

### 4.4.1 Authorisations

The three authorisation levels can be individually defined via the Authorisations button. If neither the authorisation level "System configuration" nor the "Restricted configuration" has been set for a user group, the fallback level is the authorisation level "All users".

Configuration option	Access level		
	All users	Restricted system configuration	System configuration
Ribbon configuration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Edit graphic styles and configurations of info display	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Configure alarms	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## 4.4.2 System configuration

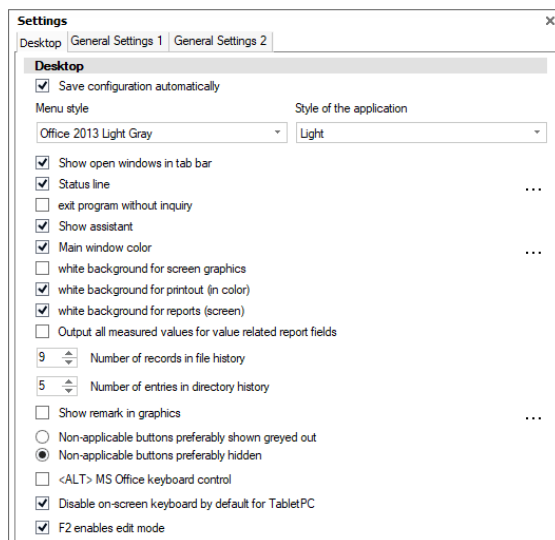
This right enables the user group to edit all system configurations that were defined under the authorisation level and cannot be defined as individual rights in the user administration. If this right is given, the right "Restricted system configuration" is also automatically given.

The system configuration rights defined as own rights in the user administration are, for example, entering measured values, changing measured values, editing catalogues, changing strategies, selecting strategies etc.

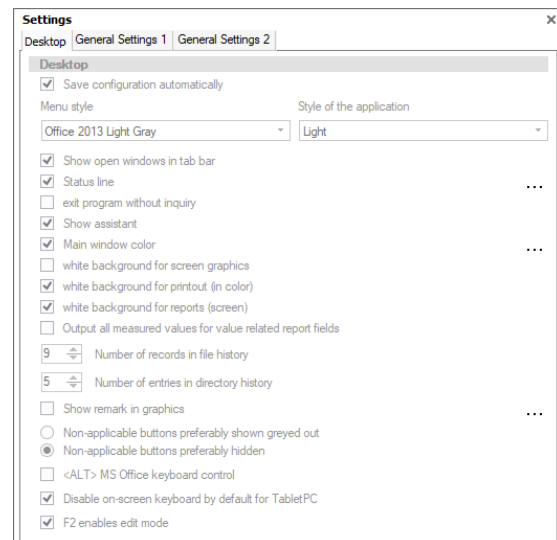
The rights that cannot be defined as individual rights in the user administration and therefore belong to the group System configuration are, for example, configuration of the ribbon, configuration of the target input fields, saving the window list as standard, configuration of the e-mail dispatch, definition of global colour settings, configuration of the display of alarms, configuration of the data entry.

Furthermore, users with the "System configuration" right have Q-DAS messages to send.

General settings  
With the right



General settings  
Without the right





### 4.4.3 Restricted system configuration

This right enables the user group to edit all system configurations that have been defined under the authorisation level "restricted system configurations" and cannot be defined as individual rights in the user administration.

If, for example, the right to edit the ribbon is taken away from a user group, it is greyed out for the corresponding user group.

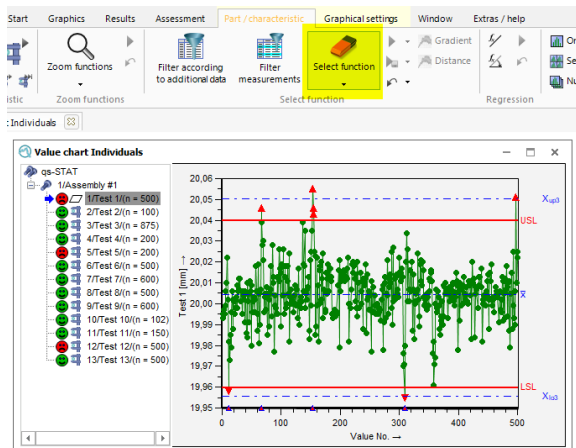
Configuration option	Access level		
	All users	Restricted system configuration	System configuration
Ribbon configuration	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Edit graphic styles and configurations of info display	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### 4.4.4 Selection in graphic

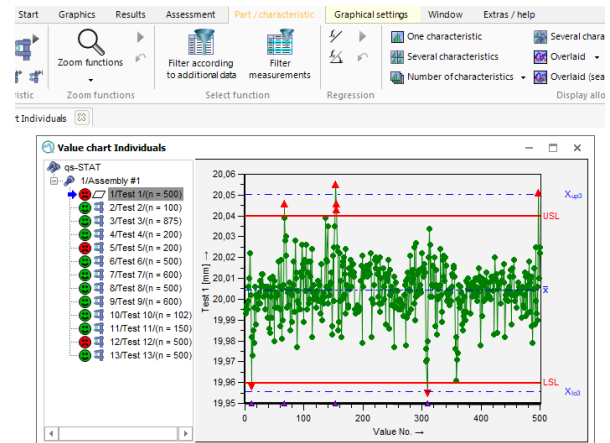
The user group is given the right to make selections in the value history and to save them.

If the right has been set, the option Selection is displayed under Part/Characteristic in the open value history, provided that the function Selection has also been activated in the ribbon.

With the right



Without the right

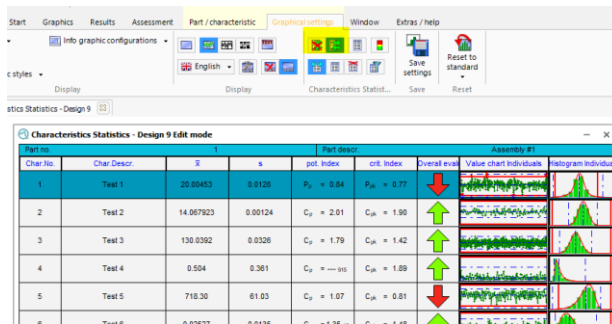


#### 4.4.5 Change output field

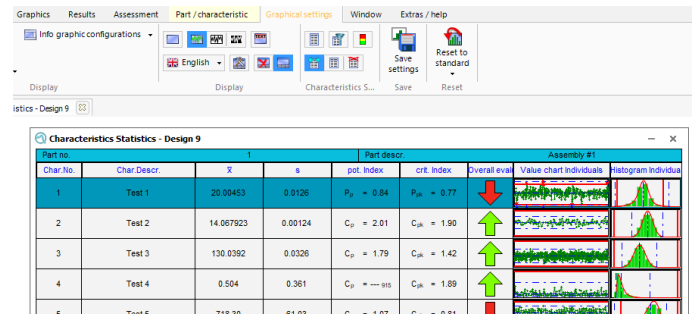
The users of the group receive the right to change the predefined output fields, e.g. in forms or characteristics.

If the right has been set, the function "Change mode on" is displayed under the tab "Graphic settings" in the opened characteristics, provided that this has also been activated in the ribbon.

With the right



Without the right



#### 4.4.6 Show signature

The users of the group are allowed to open an overview of the signatures, of the already signed reports, for viewing.

If the right has been set, the function "Signatures" becomes active in the "Start" tab, provided that it has also been activated in the ribbon.

#### 4.4.7 Create signature

Users are allowed to create new signatures for the currently loaded report.

All users who have the right to create a signature are listed in the Users window when creating a signature.

Create Signature X

User name	Signature ID	Additional field 2
SuperUser	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>
ConfigurationUser	Reason	<input type="checkbox"/> Create protected PDF
DepartmentHead	Review	
Operator	Remark on signature	
SuperUser	<input style="width: 90%; height: 40px;" type="text"/>	
Supervisor		
vidara		

#### 4.4.8 Allow operator name input in additional data recording

If you have specified during data entry that the examiner is to be recorded as additional information, you can use this right to specify whether the login name or the examiner catalogue is to be used for the entry.

The users of the group who have this right can select an operator from the operator catalogue when recording measured values. If the users do not have this right, the login name is automatically used as the entry.



Without this user right, the internal user number of the user list is assigned to the measured value as "operator" when measured values are recorded. Therefore, it is absolutely necessary to set the option "Replace operator and employee catalogue with user list" in the catalogue configurations. Without this option in the catalogue configurations, all views of the operator name within the software are incorrect.

If you use the option "Replace operator and employee catalogue with the user list", it is advisable not to remove any users from the user list, as the historical entries may be displayed as missing entries, which can also be intercepted globally with the option "Users may no longer be deleted".



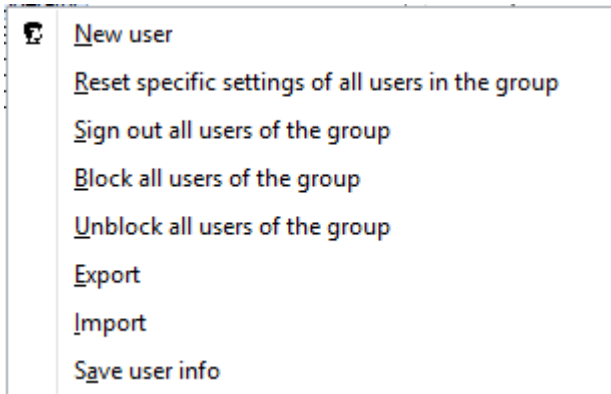
A detailed description of this can be found in the procella examples.

#### 4.4.9 User administration

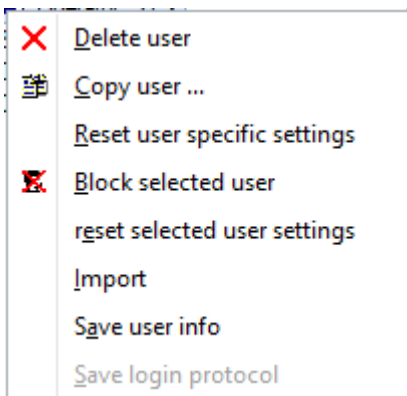
The users of groups with the right "User administration" who do not belong to the group of system administrators receive the right of restricted user administration.

The following rights are allocated

- At the user group level



- At the user level



#### 4.4.10 Extended characteristic selection

With this option, the users of the group receive the right to set the option "Deactivate characteristics without measured values" and thus to load all characteristics that do not contain measured values deactivated. No visualisation or evaluation takes place for the deactivated characteristics. In order for the deactivated characteristics to be processed again, they must be reactivated.



This right is an obsolete option to ignore characteristics without measured values in the reports. It is strongly recommended not to assign the right "Extended feature selection" and thus to deactivate the option "Deactivate features without measured values".

#### 4.4.11 View change history

If the option "Change history" has been set in the database options, the users of the group have the right to see all changes on part, characteristic and measured value level. The change history is listed in an overview window.

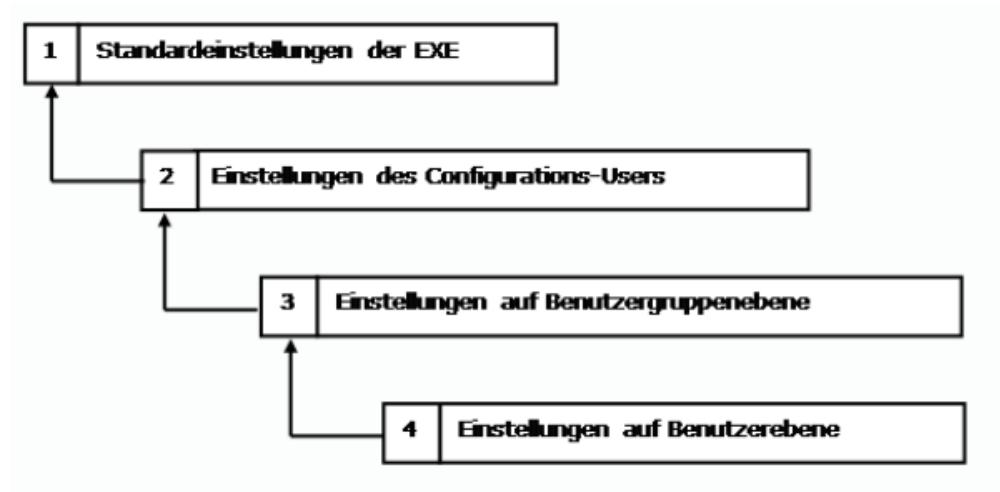
If the right is set, the change history can be called up via the "History" button or by right-clicking on the parts, characteristics and values mask or on a measured value in the value history.



The possibilities of the change history are described in a separate FAQ

#### 4.4.12 Load user-specific settings

This user group right intervenes in the configuration management. Basically, the Q-DAS user administration works in four levels, which are inherited downwards accordingly.



In most cases, loading user-specific settings is not desired. If this right is deactivated, the users of this group receive the group rights, the rights of the next higher level, with the exceptions of

- Set language of the user
- Last entered contents in part selection database
- Selected components on the quick start bars

## 4.5 Process Manager

The following rights are available under the Process Manager tab.

Edit	Numerics	Database	further	Process Manager
<input checked="" type="checkbox"/>	Allow import of files			
<input checked="" type="checkbox"/>	Allow export of header data			
<input checked="" type="checkbox"/>	Configure work station			
<input checked="" type="checkbox"/>	Configure reporting jobs			
<input checked="" type="checkbox"/>	Expand acceptance limits			
<input checked="" type="checkbox"/>	Edit distributor number			
<input checked="" type="checkbox"/>	Create main node			

Process Manager is a tool with which process hierarchies and company structures such as departments, production lines or product structures and product families can be mapped and evaluated. Setting up Process Manager requires not only knowledge of company and product structures, but also experience in how to optimally adapt user rights to them. For this reason, Process Manager user group rights are not described in detail.

## 4.6 Description

In the Description tab, a description can be stored for the selected user group. This is available from version 13.

Edit	Numerics	Database	further	Process Manager	Description
The users of this group are not allowed to change the measured values.					

## 5 General settings

The settings made here apply to all users.

<input checked="" type="checkbox"/> Password inquiry for external programs	<input checked="" type="checkbox"/> User is allowed to change his data
<input checked="" type="checkbox"/> Accept login for active user (Q-COM)	<input type="checkbox"/> Use Windows registration
<input type="checkbox"/> Q-DAS messages	<input type="checkbox"/> Canceled after wrong password entry
<input type="checkbox"/> Login dialogue configuration	<input type="checkbox"/> Last PC user
<input type="checkbox"/> Password guidelines	<input type="checkbox"/> Sign off user automatically
<input type="button" value="OK"/> <input type="button" value="Cancel"/> <input type="button" value="Help"/>	

### Password inquiry for external applications

When using third-party software, e.g. via a COM client, the password of the corresponding user is requested when setting this option when establishing a connection to the Q-DAS software.

### Allow login on active user (Q-COM)

To prevent a third-party system from logging in with the settings of a user already logged in to the Q-DAS software, this option should be deactivated. In this way, a possible deletion of current files and settings can be avoided.

### User is allowed to change his data

If this option is activated, each user can change his or her own user data such as name, password, department, cost centre etc. This option is independent of the "User administration" right.

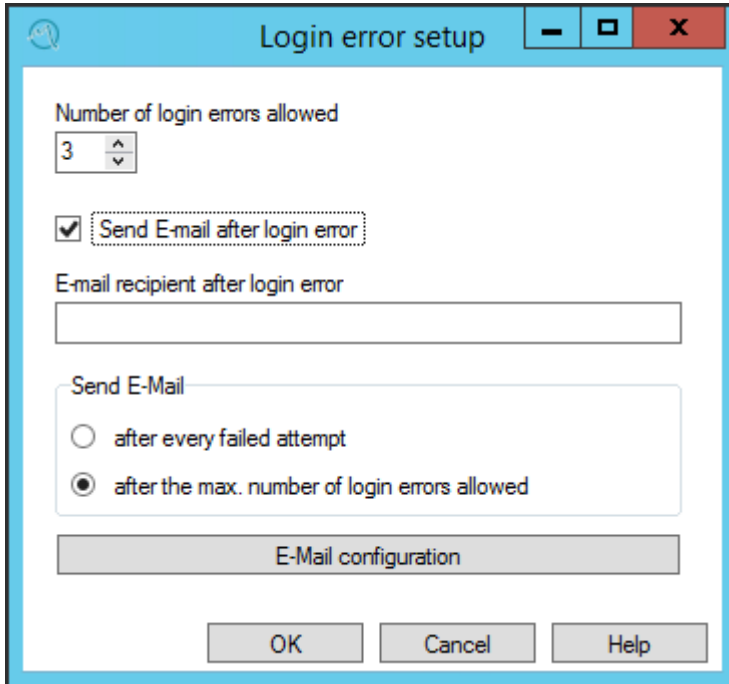
### Use Windows registration

This option can only be activated after the user group "Windows login" has been added. If this option is activated, the user logged on to Windows will be used to log on to the Q-DAS software. The Windows users who log in for the first time are automatically added to the user group "Windows logon".



### Cancelled after wrong password entry

With this option you can specify how to deal with an unsuccessful user login, e.g. incorrect password entry. As soon as the option is activated, the configuration window opens.



Under "Number of permitted login errors", you can specify the maximum number of incorrect entries. As soon as the maximum number has been reached, the user is locked in the configuration database.

By activating the option "Send e-mail in case of login error", an e-mail will be sent automatically after the maximum number of incorrect entries has been reached during login, provided that you have -stored the -e-mail address of the recipient and made the settings of your mail server.

Locked users can be unlocked again by users of the System Administrators group or the users with the "User Administration" right.

**Last PC user**

With this option you can determine whether the last user logged on, which is specified in the login window when the programme is started, is used for all clients and products together or individually.

There are two storage locations in which the last user to log in is saved.

- LastUserConnectedPC in the INI entries. Each product has its own INI files. In server-client installations, each client and each server has its own product INI files.
- USLOGOUT in the configuration databases. The last user to log on is stored here, independent of the product, and is used for all products and all clients when the programme is started.

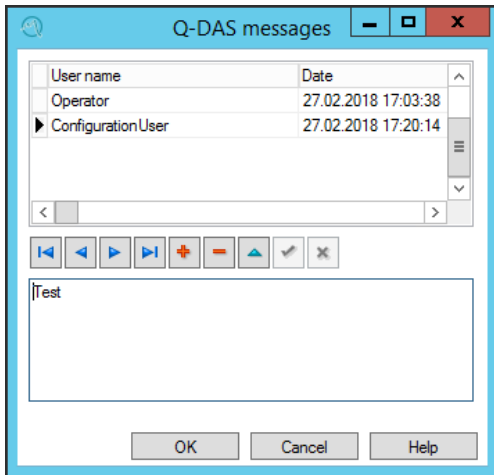
If you activate this option, the user stored in the INI file will be offered in the login window when the programme is started.

If the last user to log in has logged in again in the meantime, the login dialogue does not contain a predefined user.

## 5.1 Q-DAS messages

With this option you have the possibility to send messages to all users logged on to the Q-DAS software, with the exception of the Q-DM data management and reporting system. In this way you can, for example, ask your users to close the software in order to carry out maintenance work.

The users of the System Administrators group as well as all users with the "System Configuration" right can create, send and delete Q-DAS messages.



Navigation between the buttons



Create new messages



Delete existing messages



Edit selected existing message

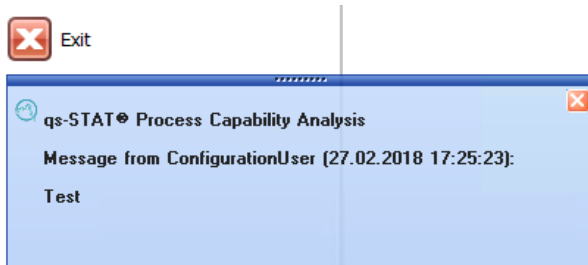


Apply and send changes



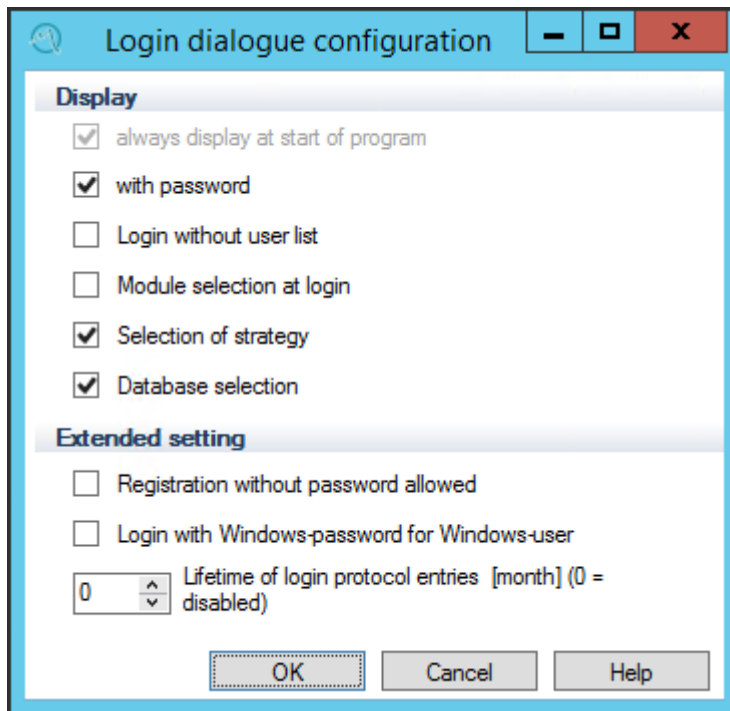
Cancel

As soon as a message is sent, the registered users receive an information window.



## 5.2 Login Dialogue configuration

With this option you have the possibility to configure the login dialogue.



### Always display at start of program

If this option is activated, the login dialogue opens when the Q-DAS software is started.

Deactivating this option is only possible when using Windows groups and the option "Use Windows login" is set.

### With password

When this option is activated, the field for the password query is displayed in the login window.

When changing users via the menu "File" "Log in user" or "Log out user", the password is always requested regardless of this option.

### Login without user list

If this option is activated, the existing users are not offered for selection via a pull-down menu. The desired user name must be entered via the keyboard.

### Module selection at login

If this option is activated, the activated modules are offered for selection in the login dialogue.

The modules are in the different products:

qs-STAT	Sample analysis Process analysis
solara.MP	Measurement system analysis
procella	procella
O-QIS	Procella CMM Reporting Monitoring Alert Manager
M-QIS Server	Sample analysis (for pure configuration of the graphics and settings) Process analysis (for pure configuration of the graphics and settings) Measurement system analysis (for pure configuration of the graphics and settings)
M-QIS Dashboard	Long-term analysis Alert Manager
destra	Sample analysis Process analysis Measurement system analysis Reliability analysis Regression / variance analysis
vidara	Reliability analysis  Regression / variance analysis

### Strategy selection

When this option is activated, the field for strategy selection is displayed in the login window. If the logged-in user does not have the right to select a strategy, the -strategy will be -set to default after starting the QDAS -software.

Restriction in the product destra:

Here, only one strategy is available in the process analysis and the measurement system analysis. If the option "Strategy selection" is activated, the field is displayed in the login window, but no other strategy can be selected.



In order to load the correct strategy for the corresponding module, it is recommended to activate the option "Module selection" when activating the option "Strategy selection".

**Database selection**

When this option is activated, the field for database selection is displayed in the login window. If the logged-in user does not have the right to change a database connection, the -database connection will be -set back to default after starting the QDAS -software.

Restriction in the O-QIS product:

In the modules CMM Reporting and Monitoring, if the option "Database selection" is activated, the field for database selection is hidden in the login window.

**Login without password allowed**

If this option is deactivated, it is no longer possible for a user to log in without a password stored in the configuration database. This option is a security setting that, in addition to the password guidelines, counteracts manipulation within the database and allows subsequently configured security settings to take effect and does not allow users to log in without a password.

When changing users via the menu "File" "Log in user" or "Log out user", the password is always requested regardless of this option.

**Login with Windows password for Windows users**

If a Windows logon group has been created and the option "Use Windows logon" is activated, the Windows password is requested when logging on to the Q-DAS software instead of the password that was entered in the user administration.

When changing users via the menu "File" "Log in user" or "Log out user", the passwords stored in the user administration continue to apply for the users of the Q-DAS group such as the SuperUser or ConfigurationUser.



Only the Windows user logged on to the operating system can compare the password with the one stored in the system.

### Lifetime of the login log entries

With this option you can specify whether and for how long the login information should be stored. All entries older than the specified period are removed from the database. Entering "0" deactivates the option.

If the option is activated, the protocol can be saved via the user administration.



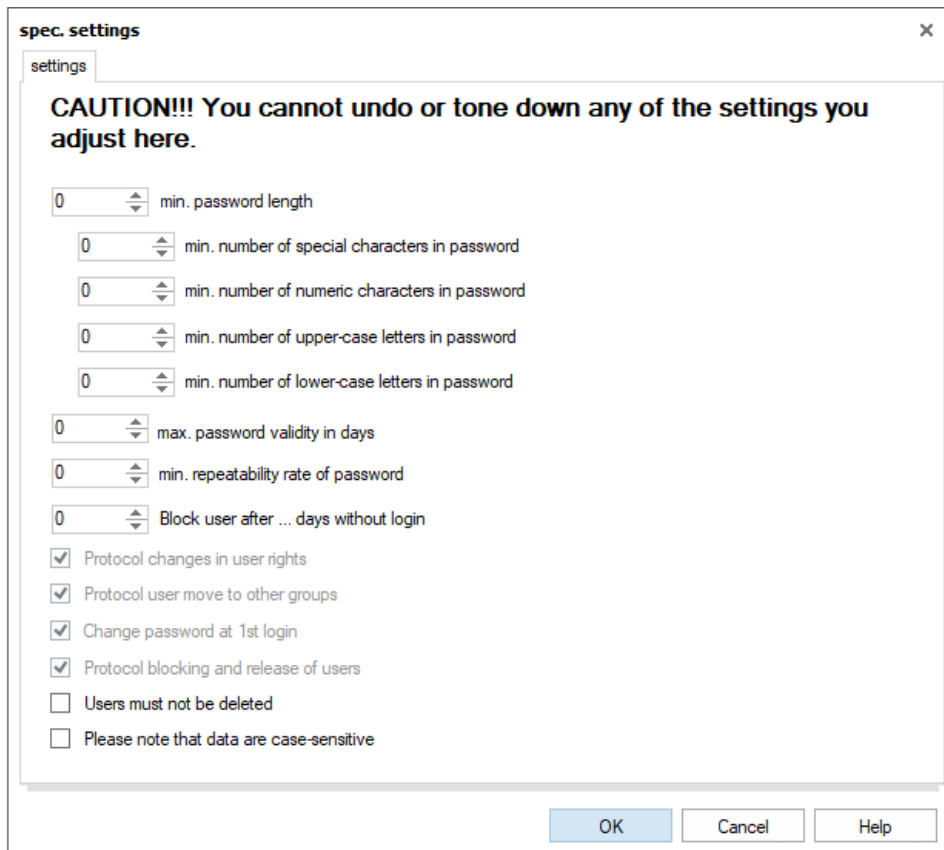
The login information is stored in the configuration database. If you need to read out this information, e.g. to support your internal accounting systems in the case of simultaneous software use by several departments or to view the licence utilisation, it is advisable to clarify this with your data protection officers.



Due to the separation between the configuration database and the licence database, the entry is updated in the global licence database in addition to the update in the configuration database and applies to all users and all modules from the time of saving.

### 5.3 Password guidelines

If you are logged in as a user of the System Administrators group, you can use the "Password Guidelines" button and the "Settings" tab to make various settings for the passwords and to activate various protocols. The settings made are only saved after the "Special settings" window and the "User administration" have been confirmed with OK.




The changes made under Password Guidelines cannot be undone.

For the fields in which you specify a certain length/number etc., the requirement can only be increased at the next correction. A downgrading of the respective requirement is not possible!



If settings were set incorrectly, you can receive support in a workshop with the Q-DAS Project Team for which a fee is charged. Please contact your contact person in the Q-DAS Project Team or send us an e-mail to [info.qdas.mi@hexagon.com](mailto:info.qdas.mi@hexagon.com).



**Minimum length for password**

Default for the minimum number of characters for the password.

**Max. Validity period for password in days**

Default for the maximum validity period of passwords in days. As soon as the number of specified days is exceeded, the user is prompted to change his password when logging into the programme.

**Min. number of special characters in the password**

To make a user password more secure, the number of special characters in a password can be set here. Special characters are all characters except a-z, A-Z and 0-9.

**Min. number of numeric characters in the password**

Here you specify the minimum number of numeric characters (0-9) a password must contain.

**Min. repetition rate of the password**

Here you specify the cycle for the re-use of a password that has already been used.

Example based on a set repetition rate of "1":

- The currently assigned password is "January".
- After the "max. validity for password in days" has expired, the entry of a new password is requested.
- Due to the set "min. Password repetition rate" of "1", the re-entry of the password "January" is not accepted. Instead, another password must be assigned (e.g. February).
- After the "max. validity for password in days" has expired again, the password "February" is not accepted as a new password due to the set "min. Repeat rate of password", the password "February" is not accepted as a new password. However, the password "January" can now be used as a password again.

**Block user after ... days without login**

Here you can define the time (in days) after which a user will be locked without logging in. This lock means that the locked user -can no longer log in to the QDAS -software. The lock can be lifted again by a user who belongs to the user group "System administrator".

**Min. number of capital letters in the password**

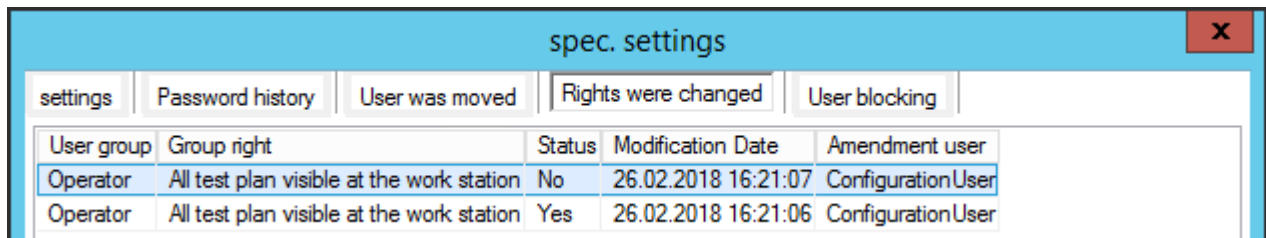
Here you can specify the minimum number of capital letters that must be contained in a password.

### Min. number of lower case letters in the password

Here you can specify the minimum number of lower case letters that must be contained in a password.

### Log changes to user rights

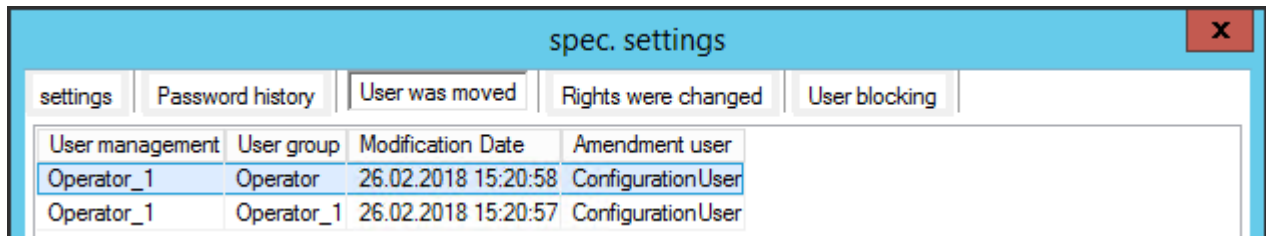
By activating this option, all changes to the user rights are logged. You can view the changed user rights in the "Rights changed" tab. As soon as the option has been activated, it is greyed out.



User group	Group right	Status	Modification Date	Amendment user
Operator	All test plan visible at the work station	No	26.02.2018 16:21:07	ConfigurationUser
Operator	All test plan visible at the work station	Yes	26.02.2018 16:21:06	ConfigurationUser

### Log moving users to other groups

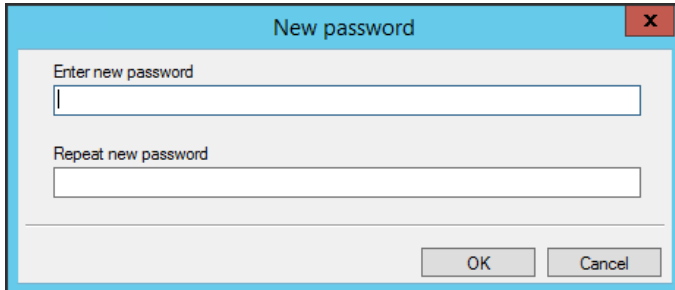
By activating this option, the moving of users to other groups is logged. You can view the changes in the tab User moved. As soon as the option has been activated, it is greyed out.



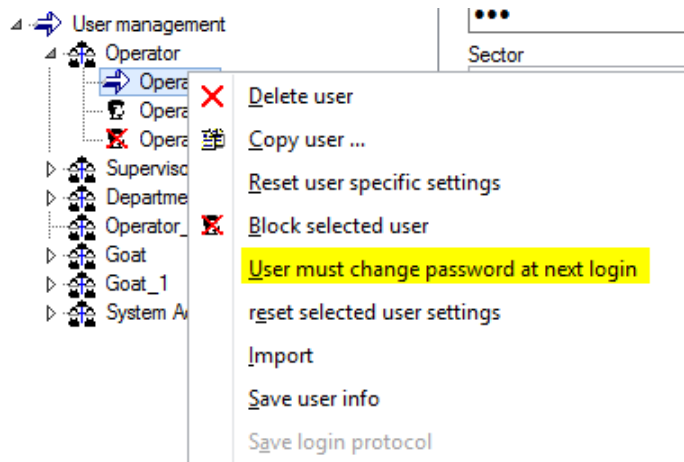
User management	User group	Modification Date	Amendment user
Operator_1	Operator	26.02.2018 15:20:58	ConfigurationUser
Operator_1	Operator_1	26.02.2018 15:20:57	ConfigurationUser

### Change password on 1st login

By activating this option, the user must change his password after the first login. As soon as the option has been activated, it is greyed out.



If the option "User of 1st login change password" is active, the option "User must change password at next login" is automatically enabled for selection in the user administration. This option is helpful when resetting passwords. If a user has forgotten his or her password, a system administrator can assign a default password and use this option to force the user to set a new one.



### Log user blocking and unblocking

By activating this option, the locking/unlocking of users is logged. The log can be viewed via the "User Lockout" tab. As soon as the option has been activated, it is greyed out.

**Users must not be deleted**

By activating this option, created users can generally not be deleted, neither by users with the right "User administration" nor by users of the group "System administrators". As soon as the option has been activated, it is greyed out.

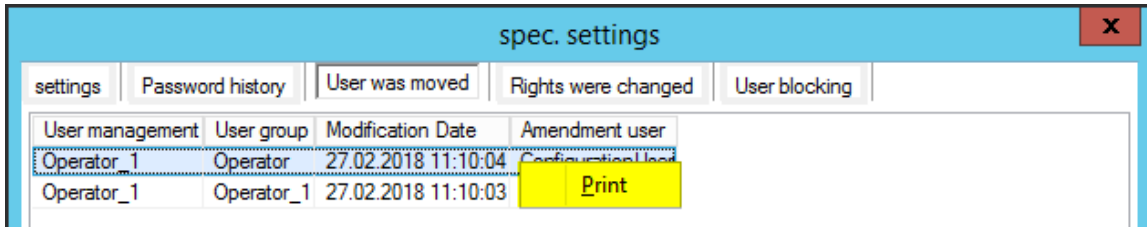
**Password is case sensitive**

Here you can specify whether the password should be entered case-sensitive. As soon as the option has been activated, it is greyed out.

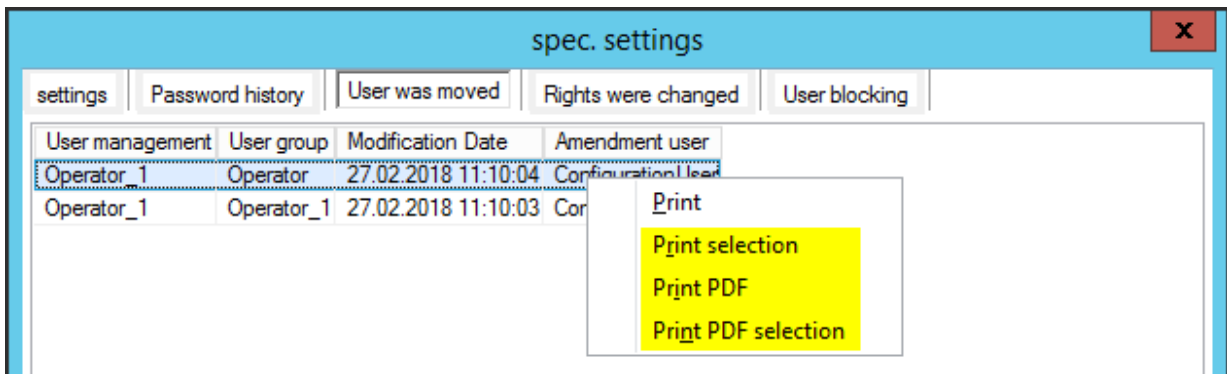
When activating the options "min. Number of upper case letters in the password" or "Min. Number of lower case letters in the password", this option is automatically activated.

## 5.4 Protocols

In the other tabs, various log entries are displayed, provided they have been activated. With the right mouse button, the entire log entries can be output to a printer.



If a report template for the table displays has been stored under File | Configurations | Paths | Report file, the following options are available when right-clicking

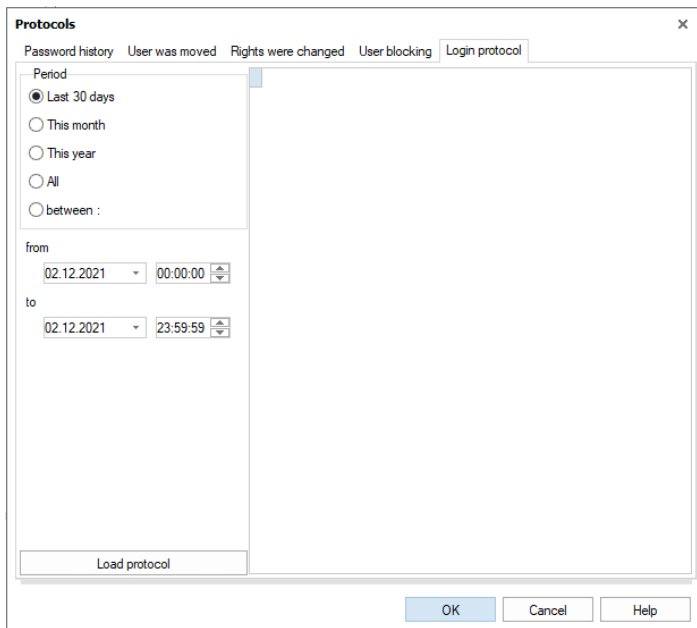


Print marker: A report for the marked entry is output to the printer.

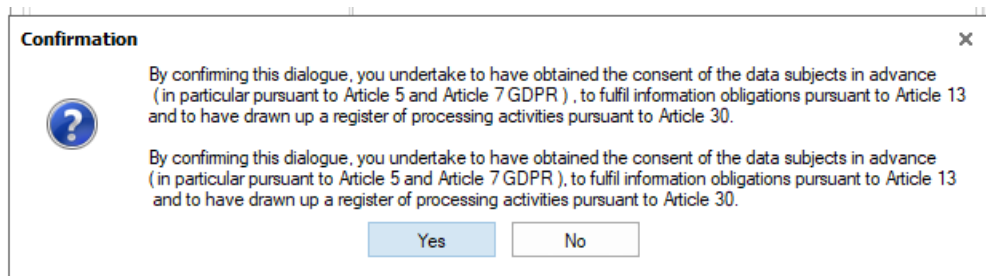
Print PDFThe report with all log entries is saved to a PDF file.

Print PDF MarkerThe report for the marked entry is saved to a PDF file

## 5.4.1 Login protocols



An extract of the login data can be generated in the login logs. After selecting the time range (depending on the set logging duration), the log can be loaded. A warning appears that the rules according to GDPR must be adhered to, in English as well as the set national language.



**Confirmation**

By confirming this dialogue, you undertake to have obtained the consent of the data subjects in advance (in particular pursuant to Article 5 and Article 7 GDPR), to fulfil information obligations pursuant to Article 13 and to have drawn up a register of processing activities pursuant to Article 30.

By confirming this dialogue, you undertake to have obtained the consent of the data subjects in advance (in particular pursuant to Article 5 and Article 7 GDPR), to fulfil information obligations pursuant to Article 13 and to have drawn up a register of processing activities pursuant to Article 30.

Yes No

Afterwards, this list can also be printed or saved as a CSV file:

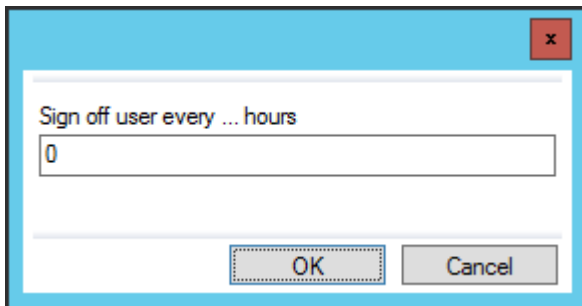
USLOGIN	USLOGINPC	USLOGINIP	USLOGOUT
02.12.2021 18:55:47	DEWEI-LT-00055	192.168.1.21	
02.12.2021 15:47:38	DEWEI-LT-00055	192.168.1.21	02.12.2021 16:34:5:
02.12.2021 12:47:31		1.21	02.12.2021 13:18:4:
02.12.2021 11:55:53		1.21	02.12.2021 13:19:0:
02.12.2021 11:32:46	DEWEI-LT-00055	192.168.1.21	02.12.2021 11:55:1:
02.12.2021 11:21:20	DEWEI-LT-00055	192.168.1.21	02.12.2021 11:32:3:

## 5.5 Sign off users automatically

If a programme crash or uncontrolled termination of the QDAS -software occurs during an active session-, the corresponding licence and the user are blocked. With this option you specify the time after which the user is automatically logged off and allowed to log on again. If you enter "0", the user will be released again immediately when the PC is restarted.

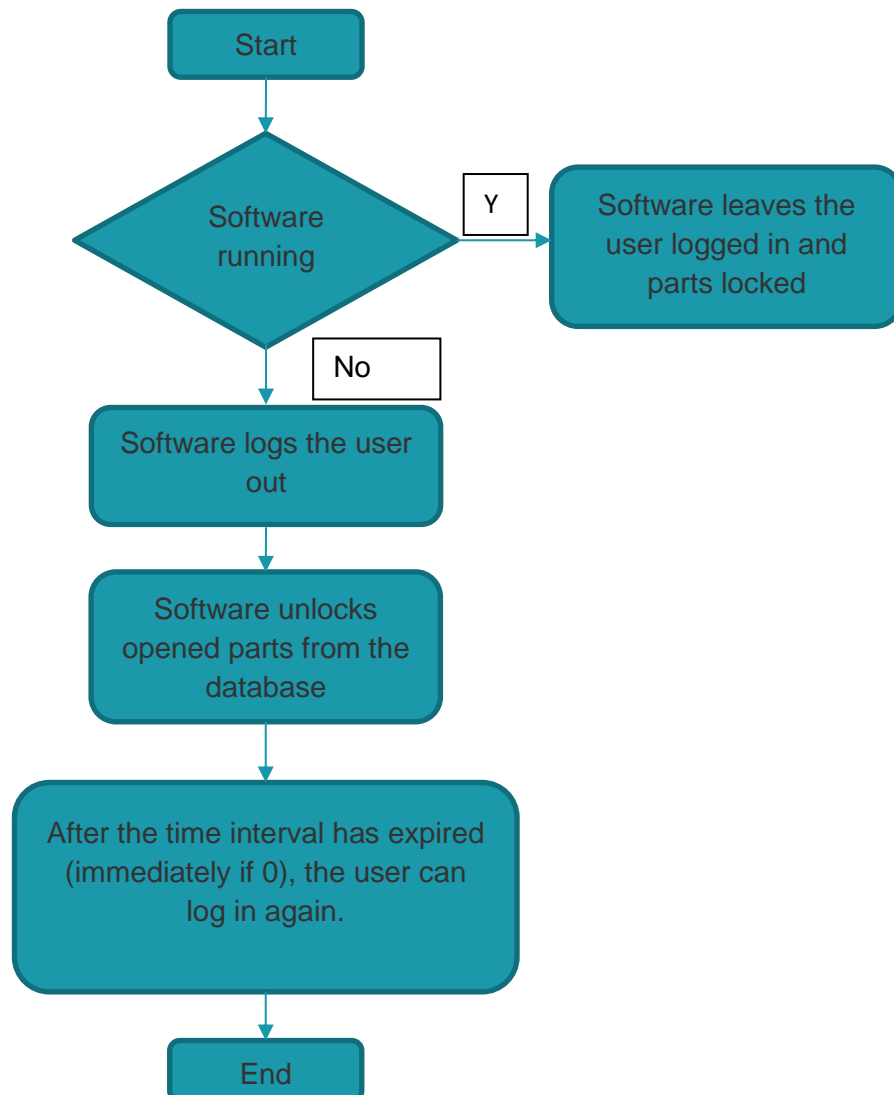


This option does not affect the inactive users or the users who have been blocked due to special login settings such as incorrect password entry.



Function: "Automatically log off user" is set to "0" by default. This means that if a user logs on a second time from the **same** computer after being locked by this PC:

- The software detects that no qs-STAT window is open.
- The software logs out the user in the configuration database (as it must assume that the software was not terminated cleanly).
- The software unlocks any parts opened by the user from the database.
- If **no programme window** is open (qs-STAT, procella or solara.MP), the software allows a login again.



- This option is **saved globally**. No matter which admin sets this option, it affects all user logins(!).
- This option is rarely used with settings unequal to "0" (this is also not **recommended!**). If, for example, "2" is set, the user can no longer log in for 2 hours. This can be perceived by the user as "penalty time".
- The option does not work if, for example, a programme window (qs-STAT, procella...) is still open(!), which in practice means: The option can only take effect in the rare case of a complete programme crash.
- If the user logs in from another computer, his name is not shown in the login list because the other login locks the user.



## 6 Log out user

The purpose of this chapter is to briefly describe the options available for logging users out. It is assumed that the user has the rights of a system administrator and that a network installation is used.

The system administrator is sometimes faced with the problem that users can no longer log in. Reasons for this can be:

- Client computer crashes constantly.
- Network connection is interrupted more often.
- Server is to be shut down for maintenance without first logging off the users.
- Network is too slow (on the verge of unusability).
- Windows update restarts the computer without influencing it.
- User starts the programme and goes on holiday (or weekend or meeting).



Of course, it is more sustainable if the cause of the problem is remedied and no attempt is made to solve the symptom (too few licences available, user closes the programme with the task manager because he thinks the programme has crashed).

Basically, there are the following configuration options:

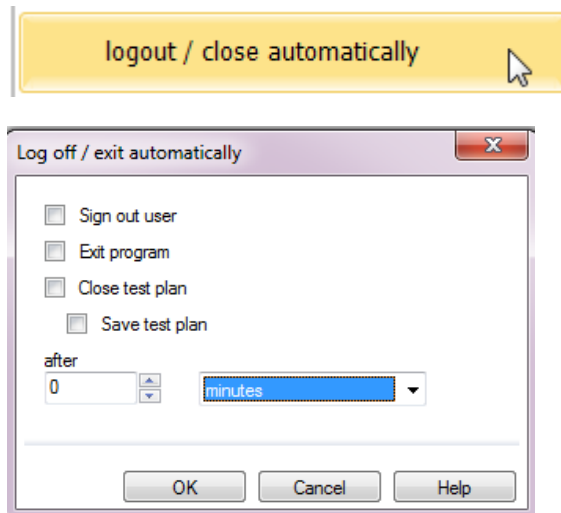
- File | Configurations | User Administration Logging off users automatically
- File | Configurations | Other settings | Log off/close automatically
- File | Configurations | Other settings | Log off inactive users

Each of these options has been provided for a system environment in which it works optimally. Each of the items has a use scenario, an implementation and there are restrictions to consider. This will be described here.

## 6.1 Automatically log off/close

The "Automatically log off / close" function provides the option to close test plans, save, log off the user or close the programme after a certain time unit has elapsed without interaction with the software.

Under File | Configurations | Other Settings | Logout/Close Automatically, you can enter a time interval and determine when the user is to be logged out. As soon as the user interacts with the programme, the time is reset to the maximum time interval.



### Caution:

- This option can be distributed to groups or users via **configuration management**.
- If the user has changed a data set (e.g. tolerance limits), his change may be saved with it, although saving is not intended.
- If you are working with a limited number of licences, it is possible that the user will no longer be able to log in after the programme has been closed, as all licences are blocked by other users in the meantime.
- In procella, it can be set that the user must enter the sample completely before saving and closing the inspection plan. Then the automatism is cancelled out(!).
- Users must be informed why **this is happening**, otherwise they will think the programme has crashed
- Each click in the software resets the time interval to the maximum time.

## 6.2 Log off inactive users

The function "Log off inactive users" offers the possibility to log off all users without any activity when starting the QDAS software.

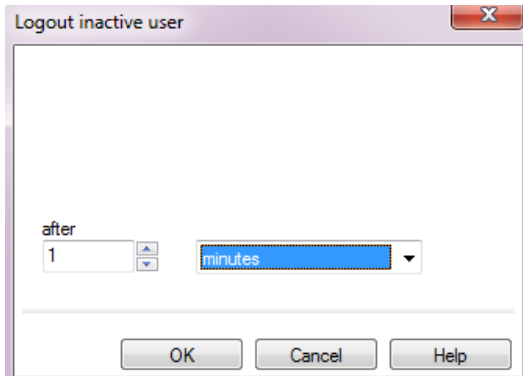
Every start with a user is logged in the configuration database in the table QDAS\_USER\_ACCESS, and every tenth of the set time is updated.

Q_USERNO	Q_LAST_ACCESS	Zum Hinzufügen klicken
11	20.03.2018 13:50:14	
*		

Example in the case of the set time of 1 hour, the entry is updated every "60 minutes / 10". This means that the user reports as still "active" in the configuration database. If a QDAS -application was terminated in an uncontrolled manner or crashed, this message will not appear in the configuration database. The factor of 10 with which the entries are made is used here for security.

If a normal logout from the database occurs, the row of this user is removed again.

Each time the Q-DAS software is started, provided it is connected to the central configuration database, a check is made in a server-client environment to see whether there are entries in the QDAS\_USER\_ACCESS table that are older than the set time. If so, this licence and all options locked with it are released. Test plans locked by this logged-off user are also released, provided the logging-off computer is connected to the same data database as the user being logged off.



### Caution:

- This option is saved globally and is valid for all users
- If the software crashes regularly, you should find the cause and not fix the symptom.
- As long as the software "works" (i.e. writes itself into the table), the user is considered "active" (even if he locks his PC and goes on holiday).