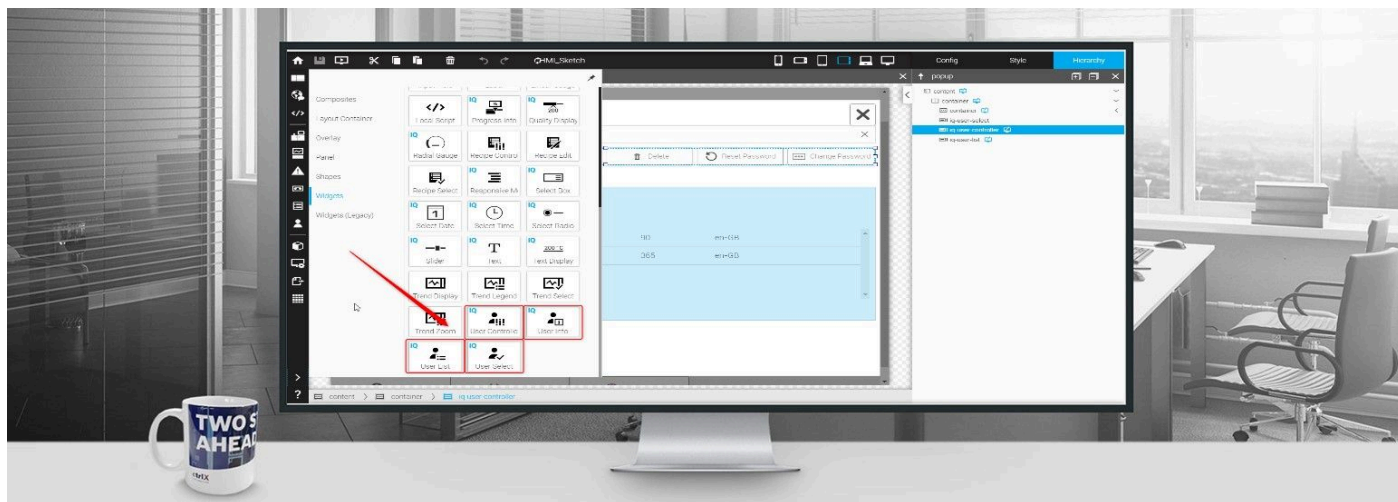




ctrlX AUTOMATION Community > Articles > Store and How-to > WebIQ - User Management



HOW-TO

HMI

MARCH 8, 2022

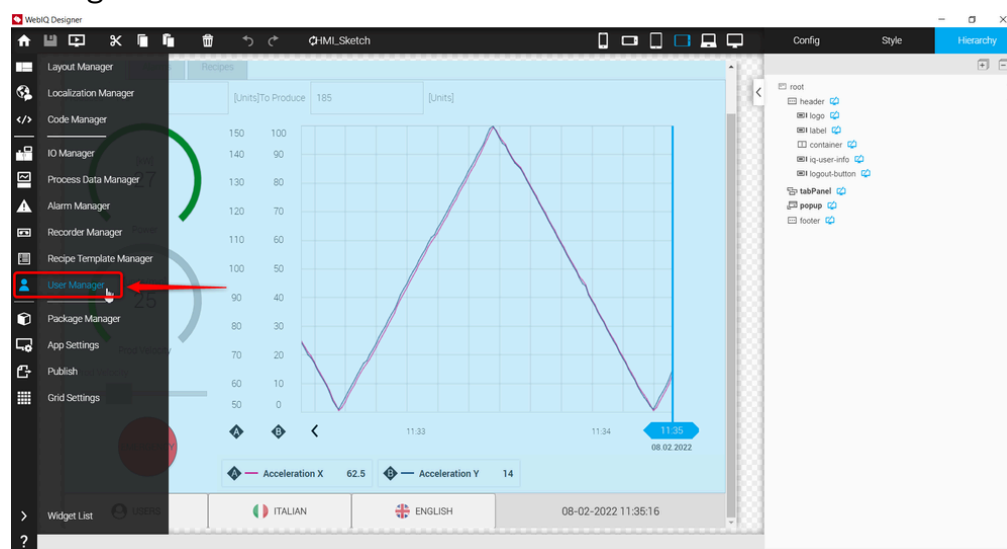
SIDEBAR ✓

WebIQ - User Management :

User Management Guide

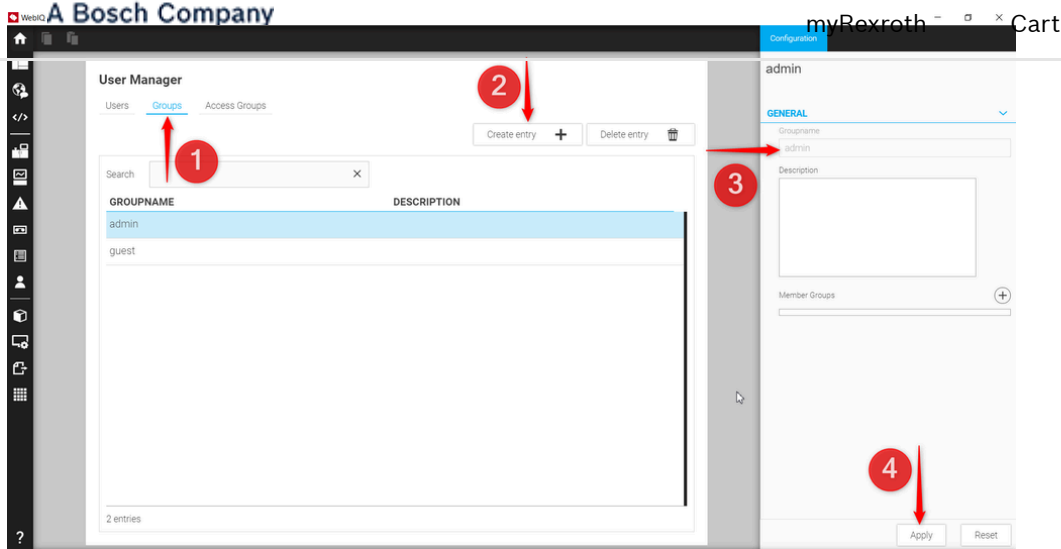
How to use the User Manager

To allow user management, the User Manager needs to be configured.



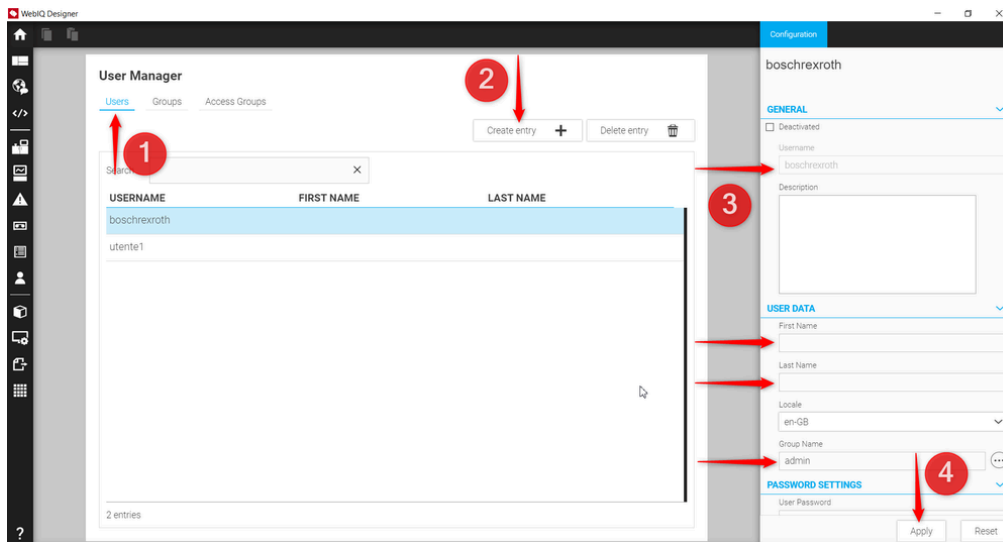
WebIQ User Manager

First of all, create several User Groups to manage different user rights (admin, guest, etc.).



Create User Groups

Go to the Groups tab and click on "Create entry". Insert a Group name and click on "Apply". Now, add as many users as you want.

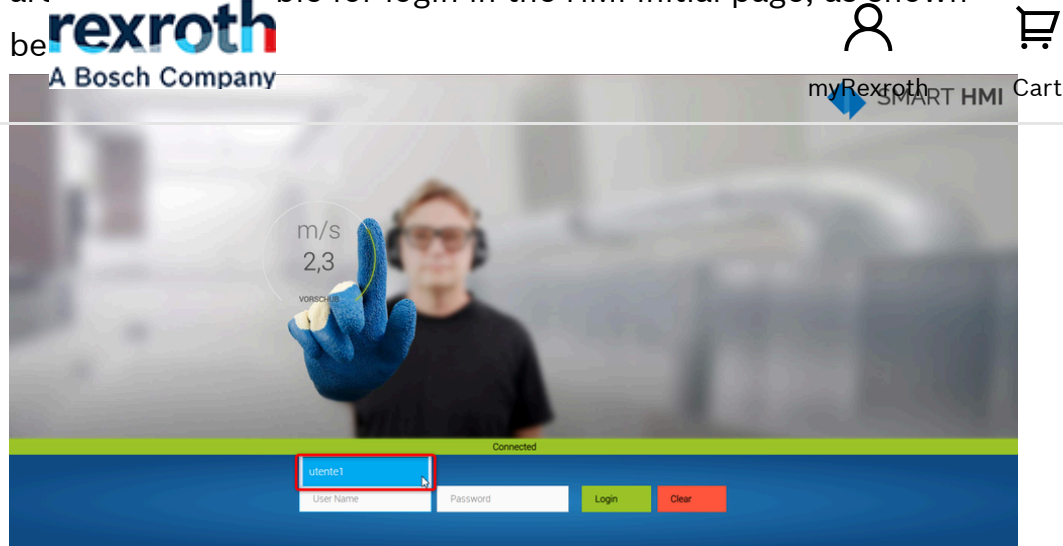


Create Users

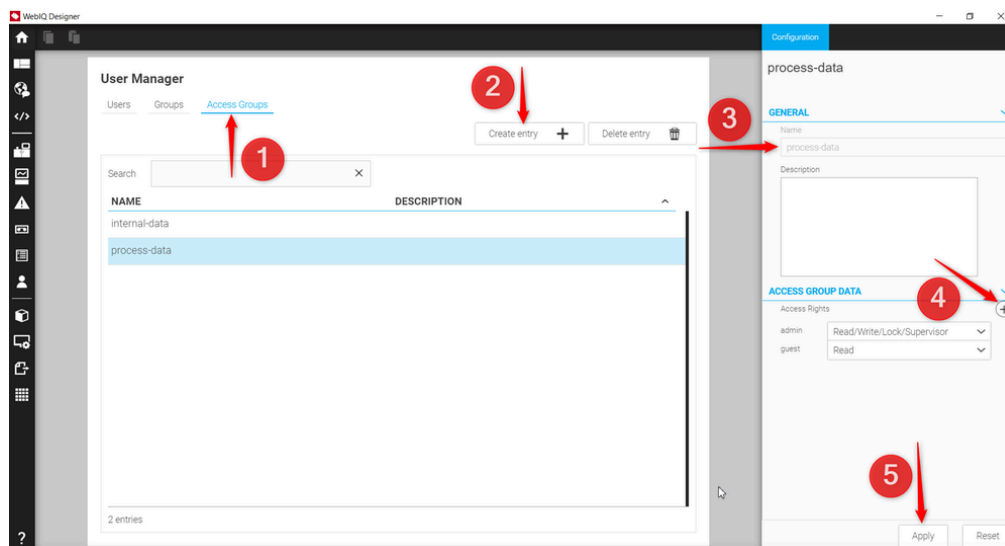
Go to the Users tab and click on "Create entry". Add the Username, Password and assign the user to the corresponding Group. Click on Apply. The Users configured in the User Manager



are the nes available for login in the HMI initial page, as shown



Then, all that's left is configure Access Groups. Access Groups are assigned to items (configured in the Process Data Manager) to provide different access rights for each group of users.

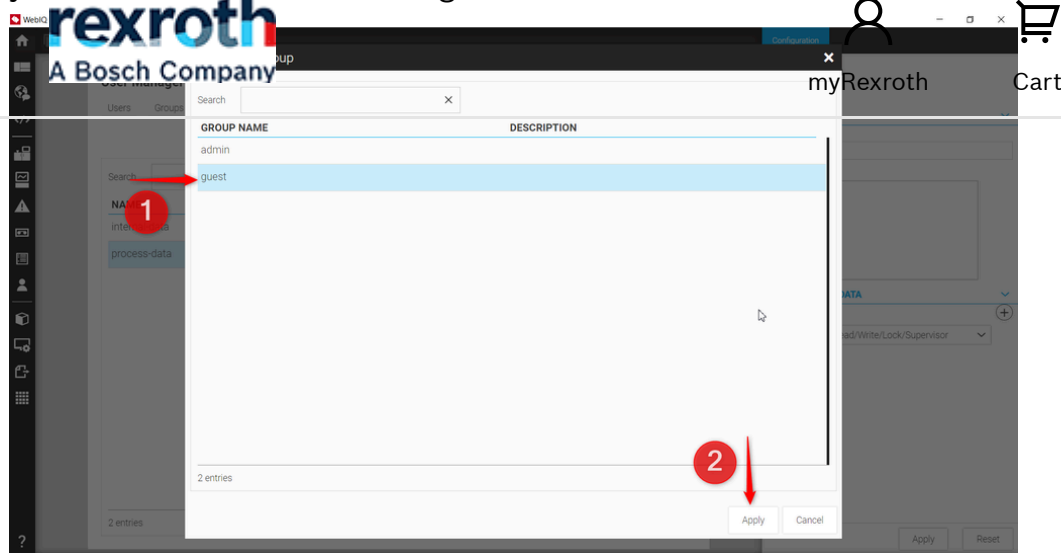


Configure the Access Groups

Go to the Access Groups tab and click on “Create entry”. Assign a name to the Access Group. Click on the “+” button to configure Access Rights for each specific Group and select the User group

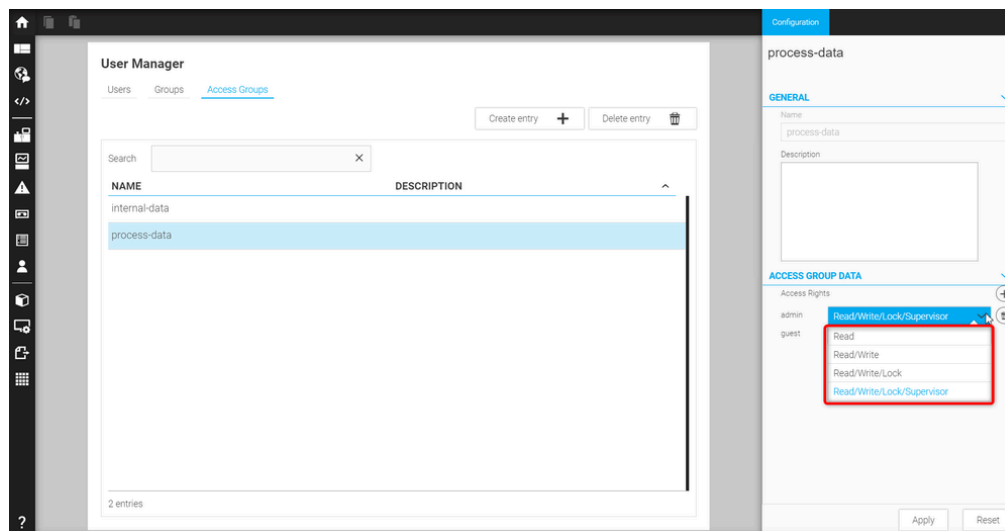


you want to assign access rights to.



Configure the Access Groups

There are 4 different access rights levels you can assign to a specific group.



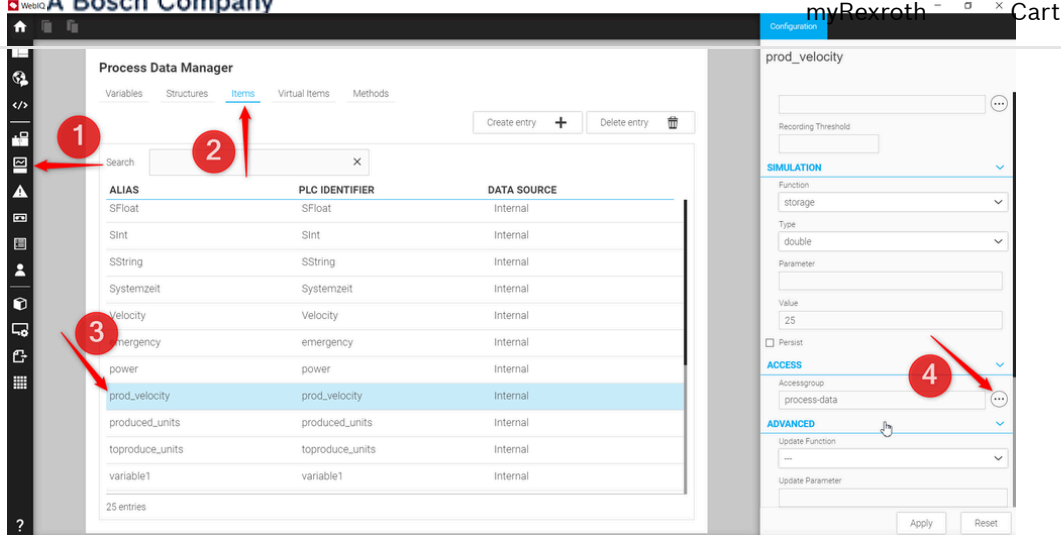
Configure the Access Groups

So, for instance, assign the access rights level “Read” to the guest Group for the “process-data” Access Group and “Read/Write” to the guest Group for the “internal-data” Access Group. This means that if you’re logged in as Guest in your HMI, you’ll only be able to read all items assigned to the “process-data” Access Group and to read and write all items assigned to the “internal-data”. Further clarification will follow.



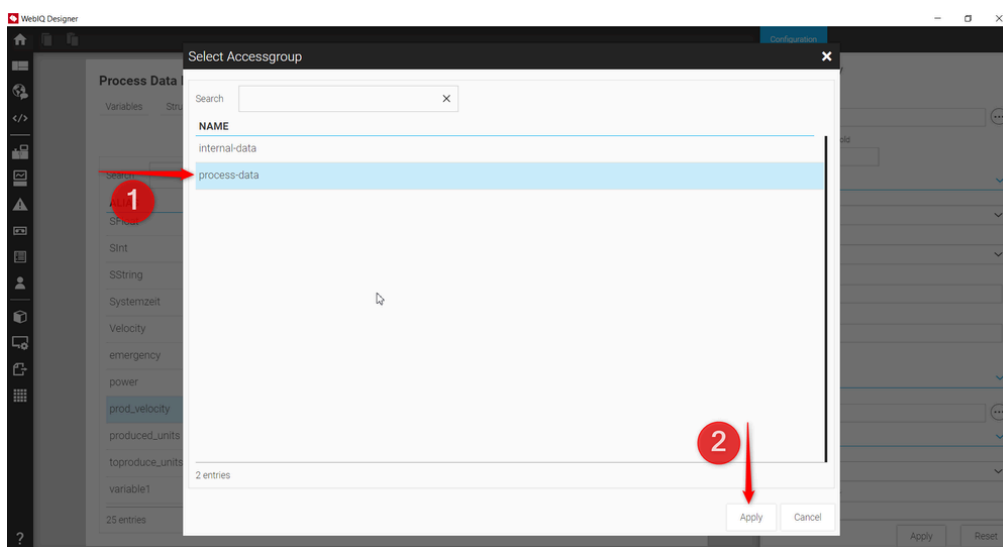
To assign items to Access Groups, go to the Process Data

Manager



Assign Items to Access Groups

Go to the Items tab, select the item you're interested in and click on the "..." button corresponding to the Accessgroup field.



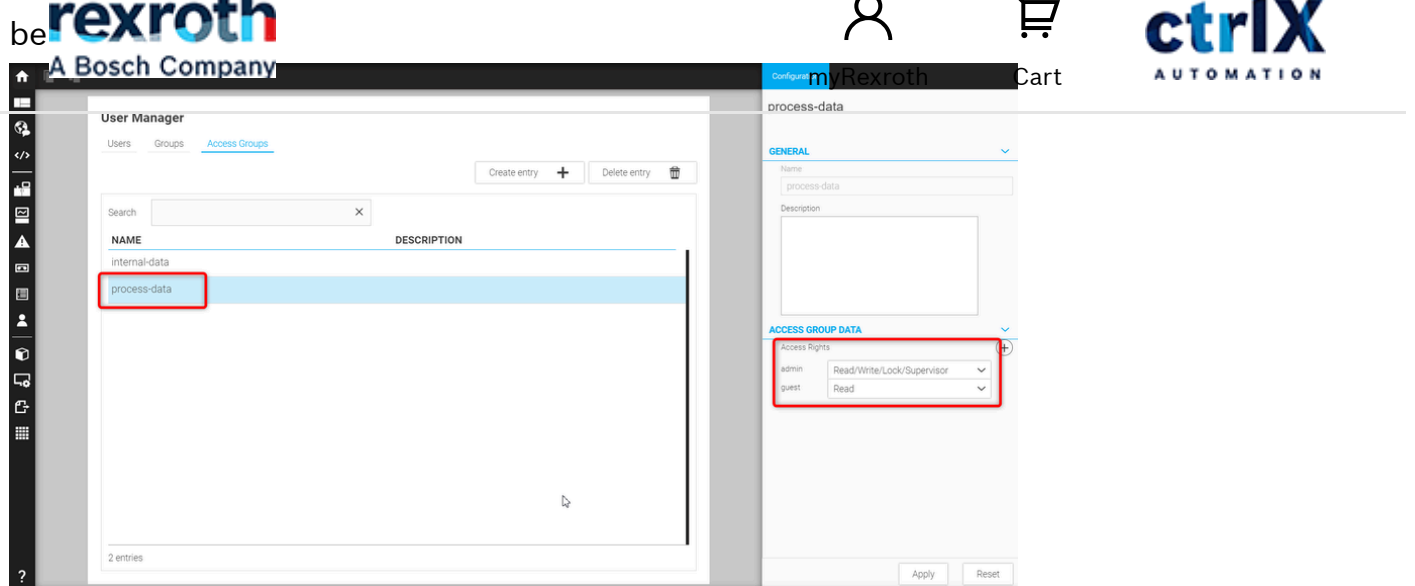
Assign Items to Access Groups

Select the Access Group you want to assign the specific item to and click on "Apply".

For instance, the selected item "prod_velocity" is assigned to the "process-data" Access Group. The "process-data" Access Group is configured in such manner that Admin user group has full access rights (Read/Write/Lock/Supervisor) and Guest user



group has only Read access rights, as shown in the picture

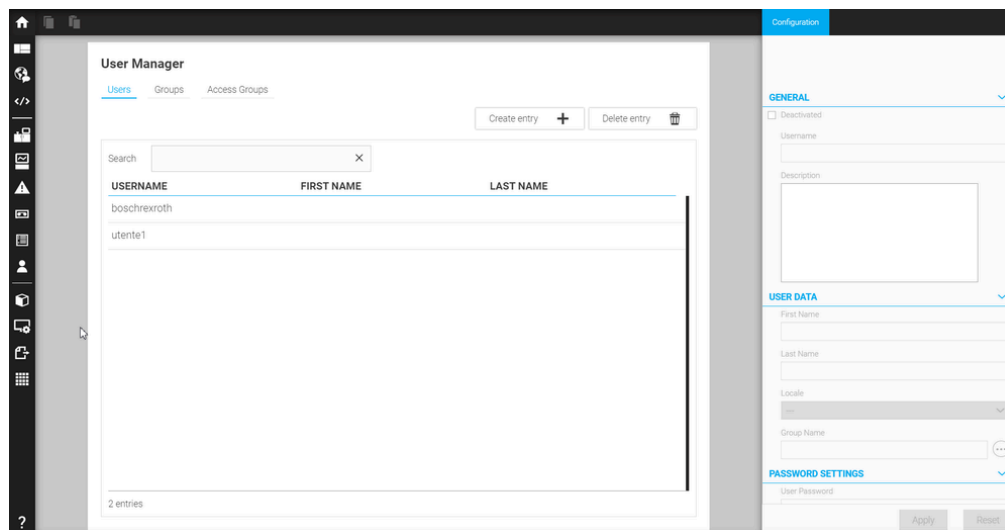


Assign Items to Access Groups

In my User Manager I have only two users configured:

“boschrexroth” user (assigned to the Admin group) and

“utente1” user (assigned to Guest group).



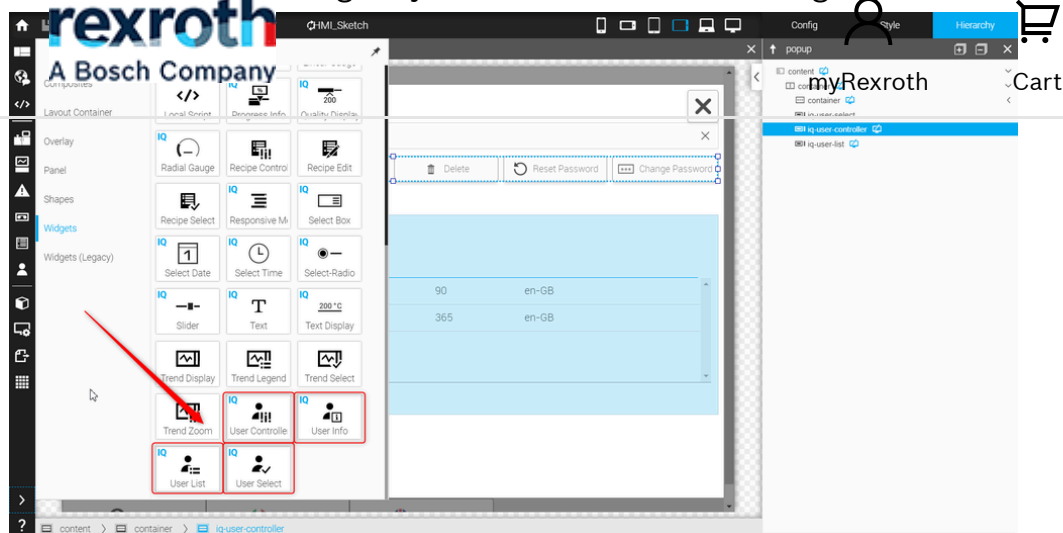
This means that, on the one hand, the user “utente1” will only be able to read the “prod_velocity” item displayed in the HMI; on the other hand, “boschrexroth” user will have full access rights to “prod_velocity” item, including read and write.



Refer to "Access Groups Functioning" video attached below for further clarification on Access Groups.

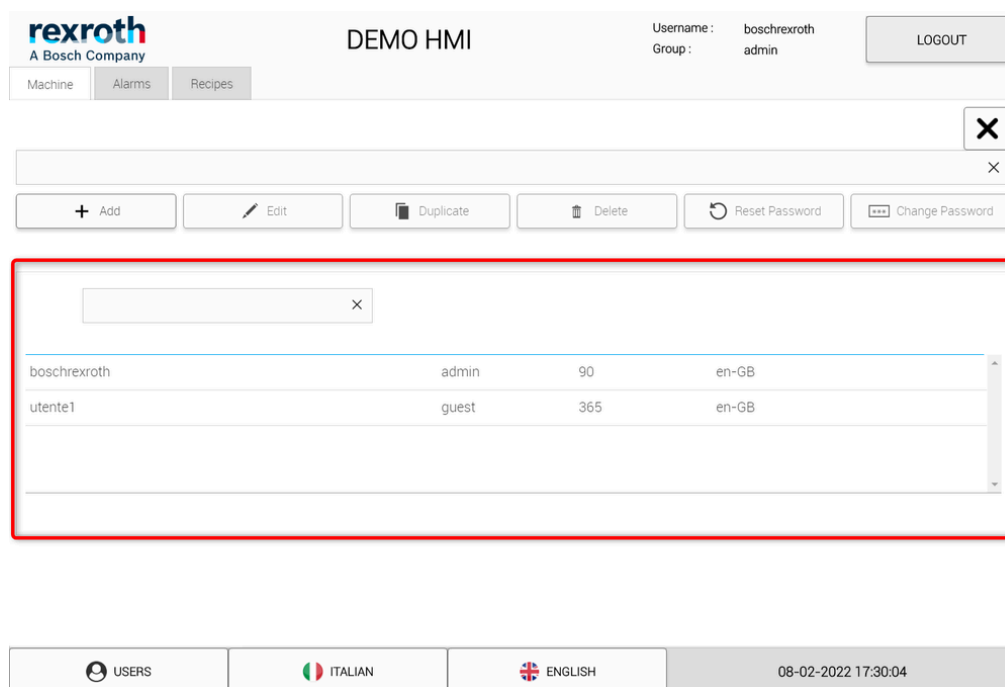
How to configure Runtime Users

There are several widgets you can use for user management.



User management widgets

The “User List” widget can be used to have a complete list of all users configured in your project, as shown below:



The "User List" widget



The “User Info” widget shows the current logged-in user.

The screenshot shows the WebIQ User Management interface. At the top, there is a header with the Bosch Rexroth logo, 'DEMO HMI', and user information: 'Username: boschrexroth', 'Group: admin', and a 'LOGOUT' button. A shopping cart icon labeled 'Cart' is also present. The main area features a 'User Info' widget with a search bar containing 'boschrexroth'. Below the search bar are buttons for '+ Add', 'Edit', 'Duplicate', 'Delete', 'Reset Password', and 'Change Password'. A table displays user information:

Username	Group	ID	Language
boschrexroth	admin	90	en-GB
utente1	guest	365	en-GB

At the bottom, there are tabs for 'USERS', 'ITALIAN', and 'ENGLISH', along with a timestamp '08-02-2022 17:27:11'.

The "User Info" widget

The “User Select” creates a selectable list of all users configured in the project.

The screenshot shows the WebIQ User Management interface with the 'User Select' widget. The widget has a search bar and a list of users. The list is highlighted with a red box:

Username	Group
boschrexroth	admin
utente1	guest

Below the list is a table with the same data as in the 'User Info' widget:

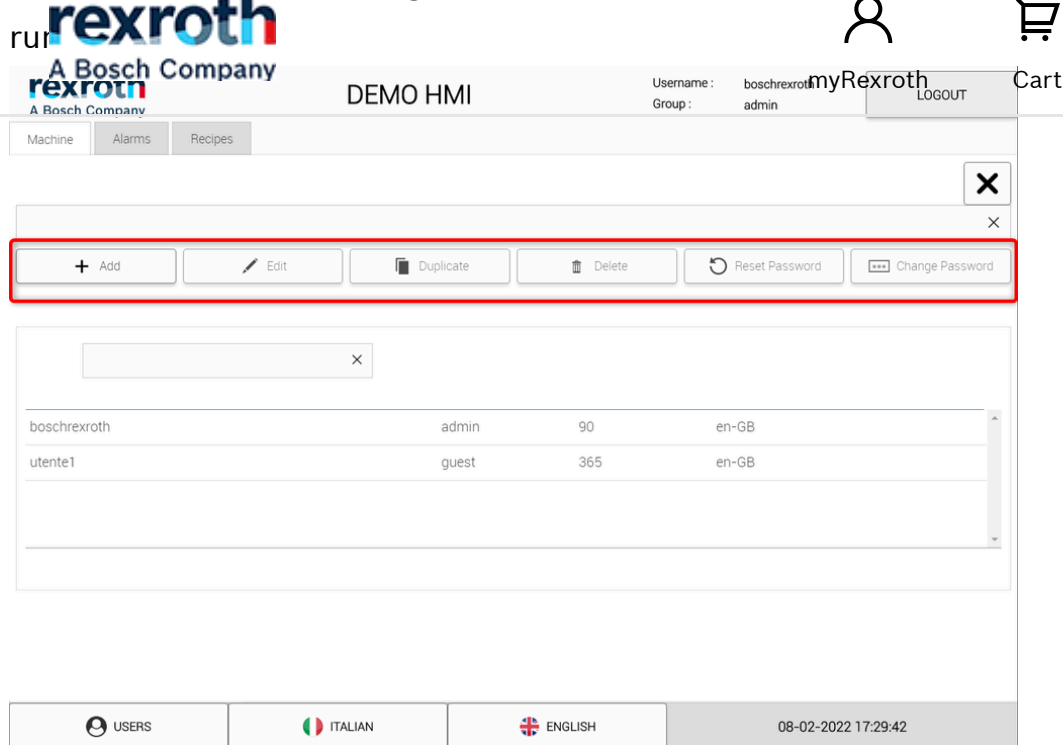
Username	Group	ID	Language
boschrexroth	admin	90	en-GB
utente1	guest	365	en-GB

At the bottom, there are tabs for 'USERS', 'ITALIAN', and 'ENGLISH', along with a timestamp '08-02-2022 17:24:50'.

The "User Select" widget



The "User Controller" widget can be used to create and modify



The "User Controller" widget

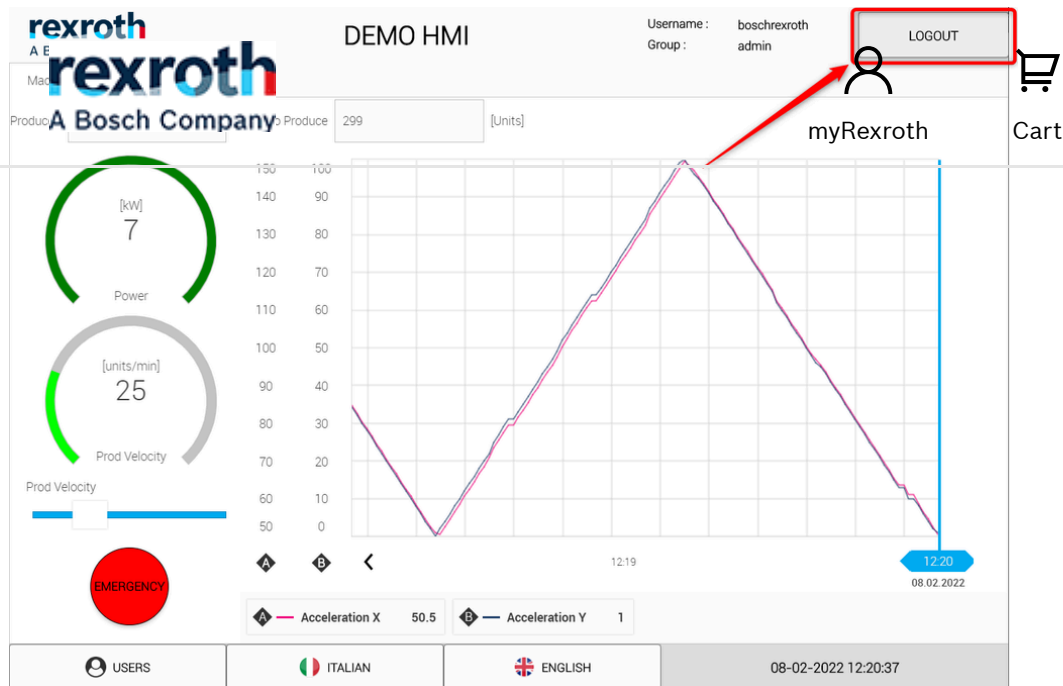
You can easily create a runtime user by using the "User Controller" widget, as shown in the "Create a runtime user" video attached below.

All you need to do is add the "User Controller" widget in your project layout and run it. Click on the "Add" button on the widget and a new user configuration window will pop up. Add your new username, the group you want to add the new user in, default language for the new user and its password.

How to create a Logout button

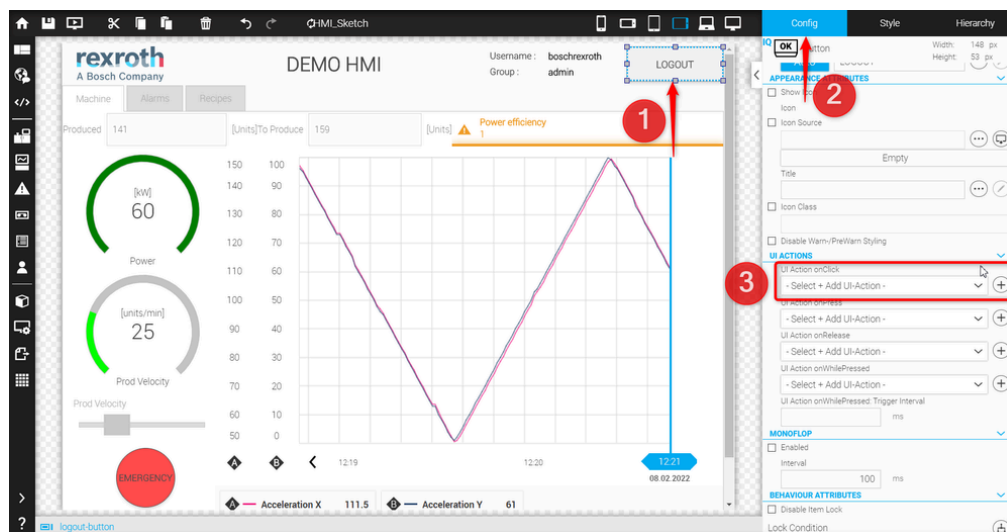
To switch between multiple users, you need to add a logout button to your HMI project. To start, add a simple button into your project layout.





Add a Logout button

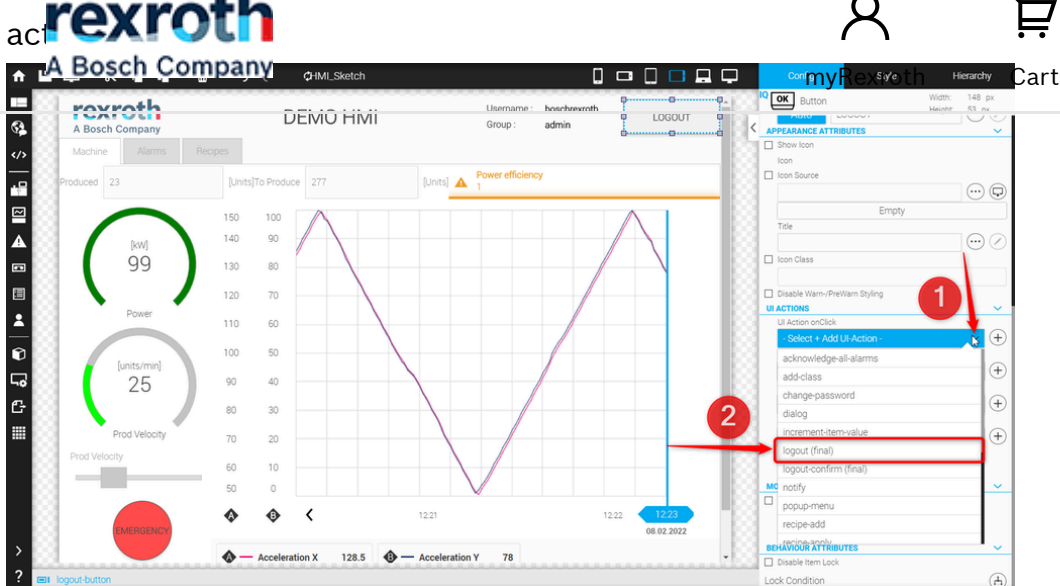
Click on your new logout button and go to its “Config” tab. Swipe down to its UI Actions.



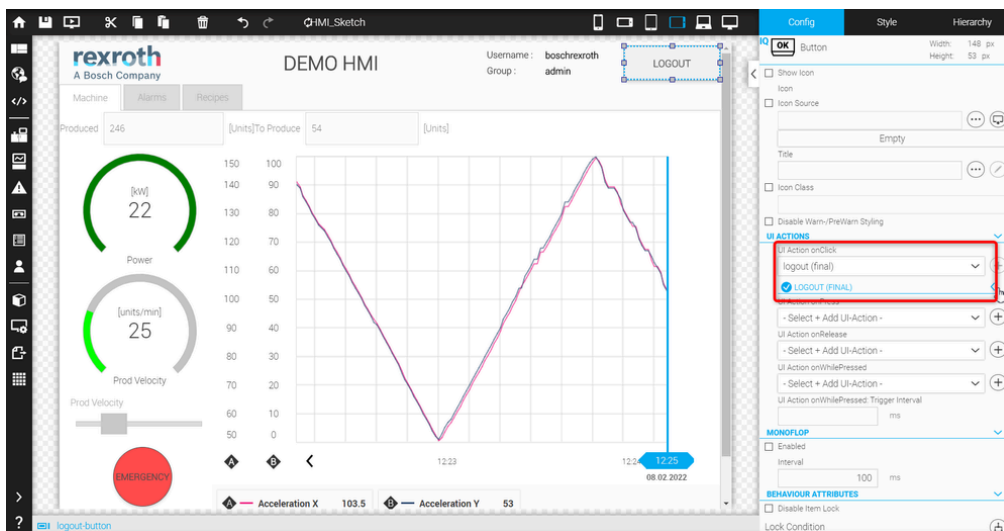
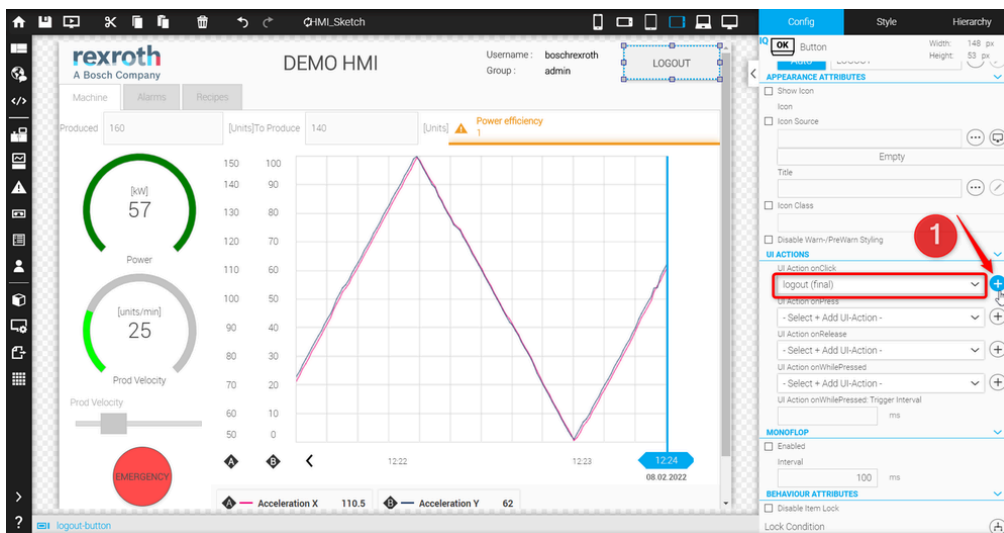
Add a Logout button



Here open the UI Actions list and select the "Logout (final)"

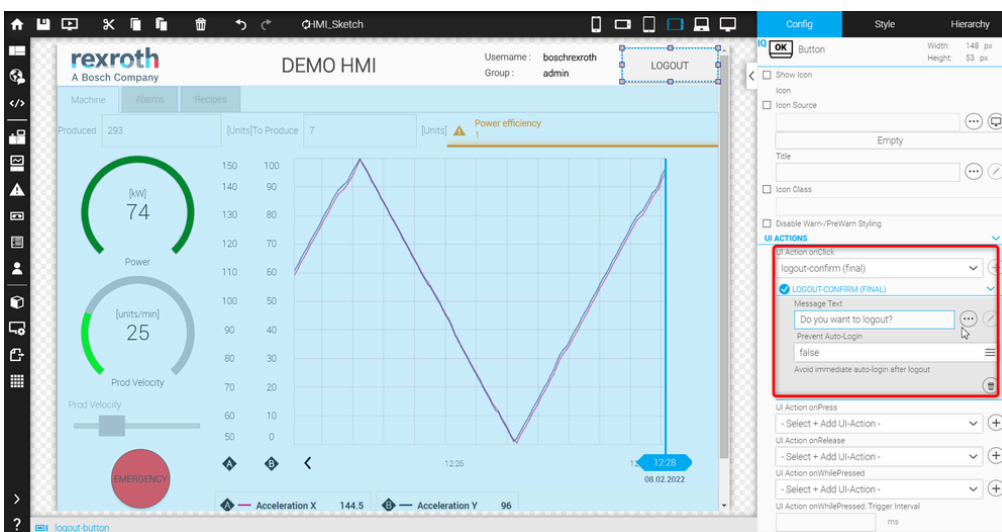
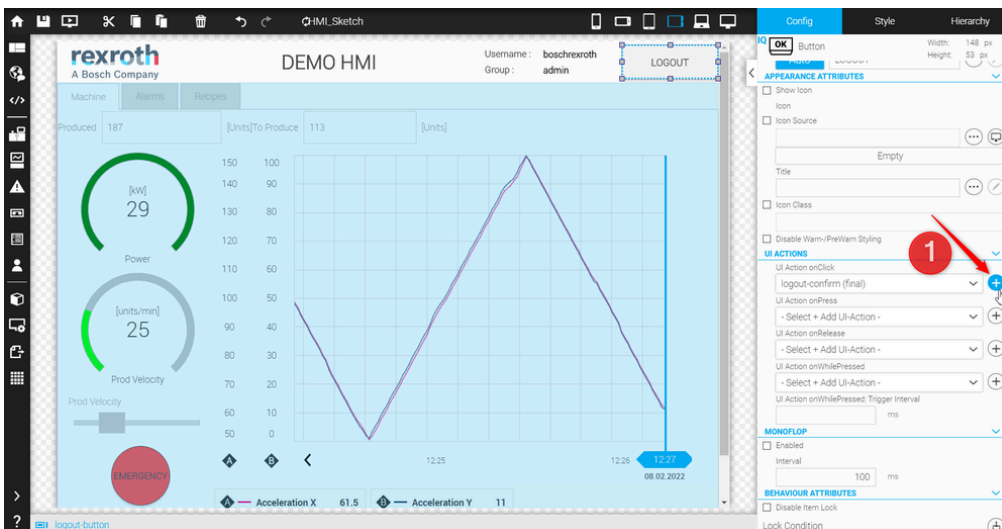
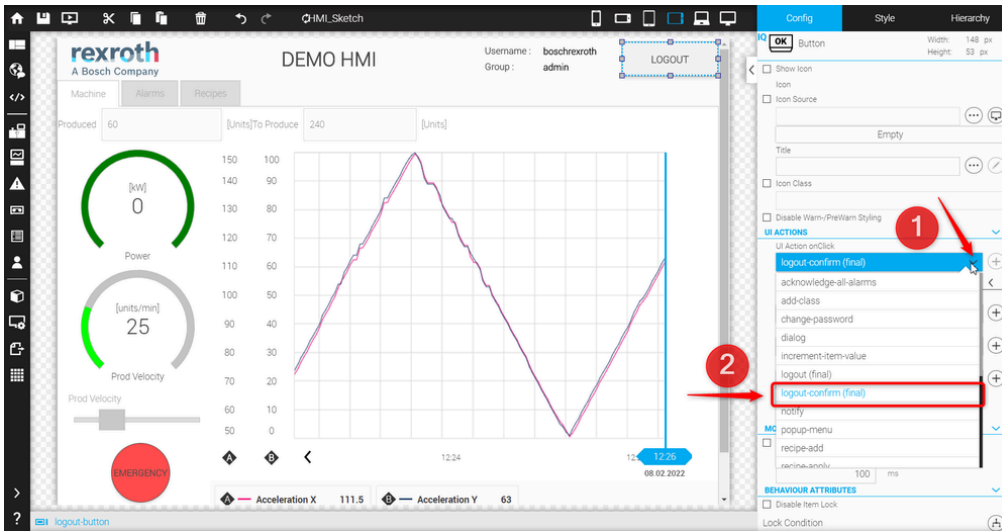


Add a Logout button



At this point, your logout button should be able to log your user out and to open the initial page, as shown in the "Logout button functioning" video attached below.

You can also choose to create a logout button with logout confirmation. You need to do is select "logout-confirm(final)" from the UI Actions list of your button and add the message you want to display as your logout confirmation.



Now your logout button should work as shown in the "Logout confirmation button" video attached below.

Empowering HMI Excellence

Smart HMI is a team of experts for the development, enablement and integration of 100% Web-Technology based Software, which empowers every customer to easily create future-oriented industrial HMI solutions. The Software Platform WebIQ – developed by Smart HMI - is a 100% Web-Technology based, forward-looking Visualization-System with comprehensive Design-possibilities to create industrial Web HMI's.



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 **Access Groups Functioning.mp4** 
2347 KB

 **Create a runtime user.mp4** 
2437 KB

 **Logout button functioning.mp4** 
431 KB

 **Logout confirmation button.mp4** 
990 KB

1 Like

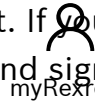


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Cart

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myRexroth



Cart



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