

Digital Machine

NEXEED



Showcase instructions for Buttikon Showroom

1. **Activate the Operator Mode in HMI.** (Not always necessary)
2. **Clean the possible errors in HMI.**
3. **Start the control in HMI.** (Control ON)
4. **Proceed with a Homing in HMI.**
5. **Proceed with the automatic Demo Sequence in HMI.**

HMI User Guide
(Read it the first time)

«Start System»

HMI User Guide

Activate Operator mode (not always necessary)

The screenshot shows the HMI Simulation interface. At the top, a red banner displays the message: "Communication error (waiting for OutImm.Alive=2). 3D Simulation running? 3D Simulation restarted? OPC UA server active? Configuration activated?". Below this, the interface is divided into several panels:

- Disruptions:** Shows a red exclamation mark icon with the number 3, and a blue exclamation mark icon with the number 2. The text below reads: "Communication error (waiting for OutImm.Alive=2). 3D Simulation running? 3D Simulation restarted? OPC UA server active? Configuration activated?".
- Part Counter:** Displays "No shift model defined!".
- Cycle Time:** Shows "No license" with a red icon. It displays "Current cycle 38.28s" and "Overruns in the last 0 minutes". A bar chart shows the cycle time distribution.
- Status:** Includes indicators for "Control Off", "Fieldbus OK", "Safety doors Closed", "Home position No", and "Station empty No".
- Control On/Off:** Features two buttons: "Control on" (disabled) and "Control off" (disabled).

In the bottom right corner of the interface, there is a red lock icon inside a white square, which is highlighted by a green arrow pointing left.

A modal dialog box is displayed, titled "Waiting for operator privilege at". The text inside the dialog reads: "Module1, TransferMaster" and "4". A blue "Cancel" button is located at the bottom of the dialog. The background of the dialog is semi-transparent, showing the underlying HMI interface.



Showcase instructions

HMI User Guide

Clean errors

The screenshot shows the HMI simulation interface. At the top, a red error bar contains the text: "Communication error (waiting for OutImm.Alive=2). 3D Simulation running? 3D Simulation restarted? OPC UA server active? Configuration activated?". A green arrow points to a red square button with a white circle and a checkmark, which is used to clear the error. Below the error bar, the interface displays various data points for Station 100 (Type number 1111111111):

- Disruptions:** 1 (red), 1 (blue), 5 (blue). Message: "Communication error (waiting for OutImm.Alive=2). 3D Simulation running? 3D Simulation restarted? OPC UA server active? Configuration activated?".
- Part Counter:** No shift model defined!
- Cycle Time:** No license (red). Current cycle: 38.28s. Overruns in the last 0 minutes. Target cycle: 0s.
- Status:** Control: Off (red), Fieldbus: OK (green), Safety doors: Closed (blue), Home position: No (blue), Station empty: No (blue).
- Control On/Off:** Control on (blue button), Control is on (green dot), Control off (blue button).

On the right side, there is a vertical menu with buttons for Station, Automatic, Manual, Homing, and Change over. At the bottom of the menu are play, stop, and refresh icons.



Showcase instructions

HMI User Guide

Start control

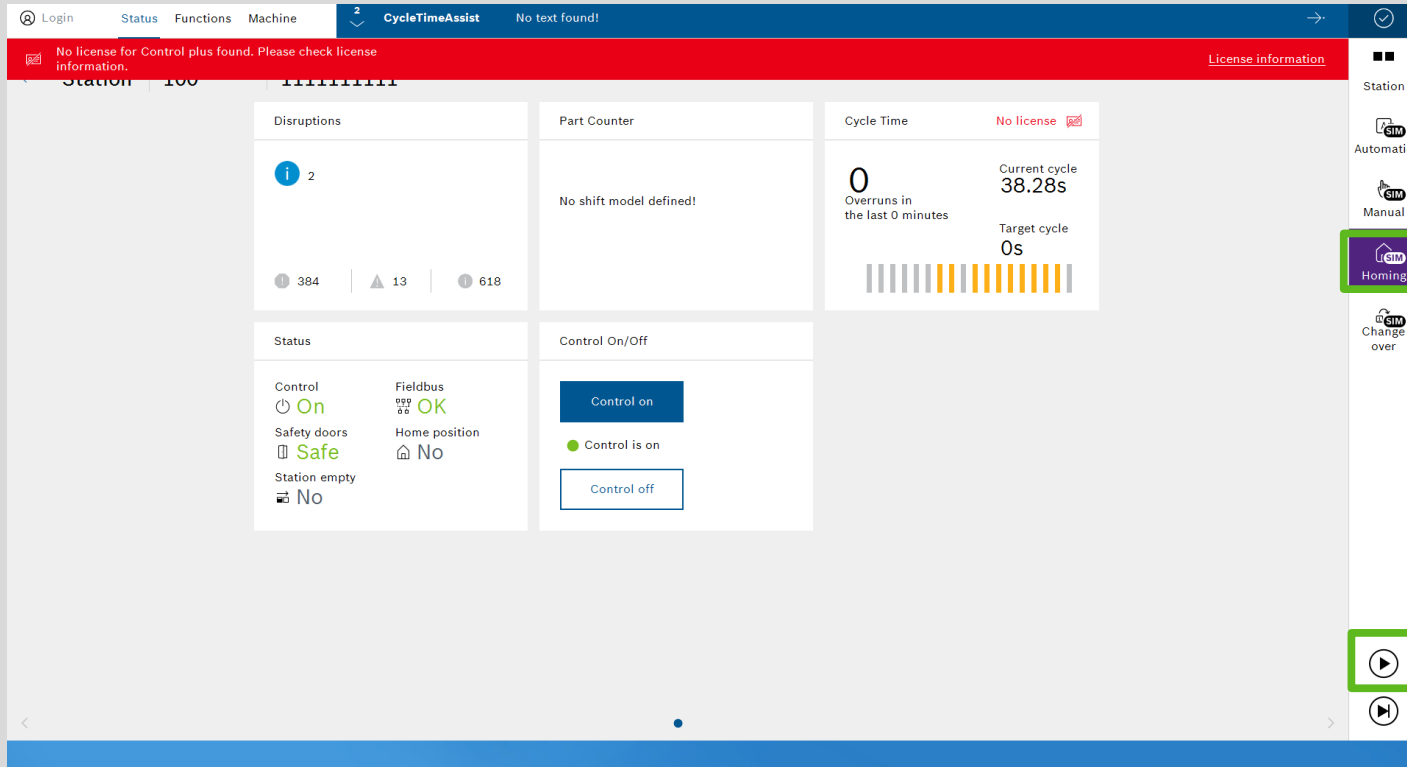
The screenshot displays the HMI interface for 'CycleTimeAssist'. The top navigation bar includes 'Login', 'Status', 'Functions', and 'Machine'. A red banner at the top indicates a license issue: 'No license for control plus found. Please check license information.' The main area is divided into several panels: 'Disruptions' (2), 'Part Counter' (No shift model defined!), 'Cycle Time' (Current cycle 38.28s, Target cycle 0s), 'Status' (Control Off, Safety doors Closed, Station empty No), and 'Control On/Off' (Control on, Control is on, Control off). A green arrow labeled '1' points to the 'Status' menu item, and another green arrow labeled '2' points to the 'Control on' button in the 'Control On/Off' panel.

1. Select «Status»
2. Click «Control on»



Showcase instructions

HMI User Guide *Homing*



1. Select «Homing»

2. Click «Play»



Showcase instructions

HMI User Guide

Demo – Visualize the demo sequence

The screenshot shows the HMI interface for a robot station. At the top, there is a navigation bar with 'Login', 'Status', 'Functions', and 'Machine' (highlighted with a green box). Below this, the 'Station' menu is open, showing options: 'Station', 'Station number 100', and 'Type number 1111111111'. The main area displays several panels: 'Disruptions' with a count of 2, 'Part Counter' with the message 'No shift model defined!', 'Cycle Time' showing 'Current cycle 38.28s' and 'Target cycle 0s', and 'Status' with indicators for 'Control On', 'Safety doors Safe', and 'Station empty No'. A 'Control On/Off' panel is also visible with 'Control on' and 'Control off' buttons. On the right side, a vertical menu contains icons for 'Station', 'Automatic' (highlighted with a green box), 'Manual', 'Homing', and 'Change over'.



1. Select «Automatic»



2. Click «Play»

**Under «Machine» (top), the robot parts are shown*



Showcase instructions

Digital Machine Commissioning

