SIEMENS

LOGO! App V1.0.0

LOGO!

Manual

**Edition 03/2013**

Answers for industry.

LOGO! App from Siemens

The free of charge LOGO! App enables you to monitor actual process values of your LOGO! 0BA7 application with a smart phone or a tablet PC via WLAN or Internet. It allows to switch digital signal and adjust analogue values or timer settings. Supported will be the WLAN connection to a LOGO! 0BA7 basic module via IP address typically or DynDNS-names which are used in the Internet.

With your LOGO! App you can ...

Device list with names

... define customised names.
For fixed connections and preconfigured values you can define customised names. This helps if you want to connect to several LOGO! devices and monitor different values.
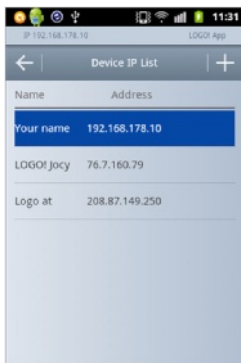
Diagnostic information

**... display diagnostic information in tabular form.**
The diagnostic information of the LOGO! modules are shown as a table. Any entry in the diagnostic buffer can be deleted via the LOGO! App only if the problem was solved.

Date and time settings

... read and change date and time settings.
Furthermore you can read, manually change or synchronise date and time settings with the actual date/time of your mobile device.
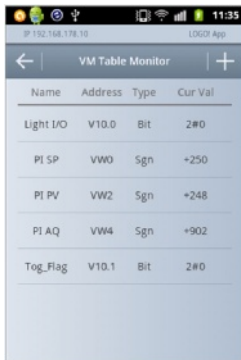
LOGO! App from Siemens
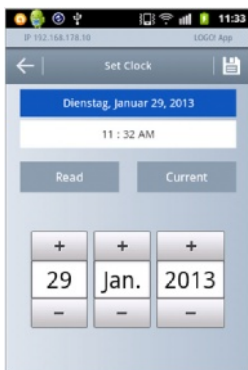
Table of preconfigured
values including names

With LOGO! App you can …

… display and modify configured values in tabular form.
Preconfigured values of the LOGO! program like parameters of function blocks or network inputs and outputs can be shown as table and the value can be changed.
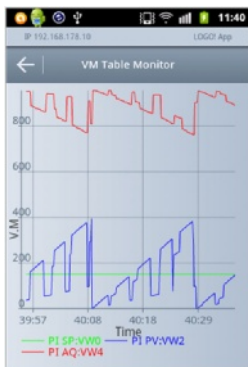

Trend view of the
configured values

… display configured values as a diagram.
Up to five of the configured values can be marked in the table shown graphically in a trend view. No further adjustments are necessary, the scaling will be done automatically. The name and the real address of the value will be also shown in the diagram.

The monitoring and control of the system with an LOGO! Text Display or an HMI panel is possible at the same time and won't be influenced by the LOGO! App.

Further information see under:
www.siemens.com/logo

Security information:

The functions and solutions described in this entry are mainly limited to the realization of the automation task. In addition, please note that suitable security measures in compliance with the applicable Industrial Security standards must be taken, if your system is interconnected with other parts of the plant, the company's network or the Internet. More information can be found under **entry ID 50203404**

http://support.automation.siemens.com/WW/view/en/50203404

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Features

- **Connection via IP-Address and DynDNS-name**
  Supports connection via Internet without fixed IP-Address

- **User specific names for devices and values**
  Simple recognition

- **Read and set date and time in LOGO! and synchronization with date and time of the mobile device**

- **Show configured values in status table or trend view**

- **Read Diagnostic information**
  Without program changes in LOGO!

Step by step to success

1	**Download of the Siemens LOGO! App** **Please observe the security note on page 3**

for Android operating system

ID-Code for Android version
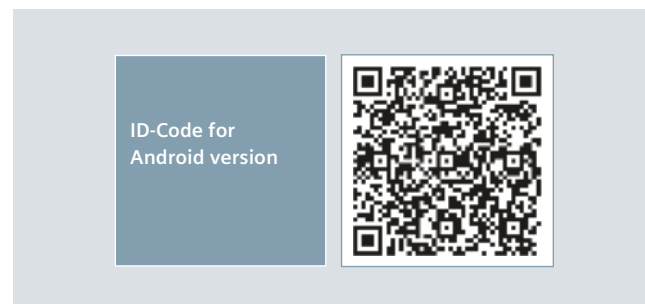
Link for download of the Android version:

https://play.google.com/store/apps/details?id= com.siemens.snc.ilogo&feature=search_result#?t= W251bGwsMSwxLDEsImNvbS5zaWVtZW5zLnNuYy5p

for iOS operating system

ID-Code for iOS version

Link for download of the iOS version:

https://itunes.apple.com/de/app/logo!- app/id581906197?mt=8

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2	**Device configuration**

- The LOGO! App supports connection via IP-Address and via DynDNS-name. If you want to use Internet then you have to enable Portforwarding for Port 10001.

- In addition to the physical address you can give a user specific name for the target device for simple recognition.

- A special configuration in the LOGO! program is not necessary.

Select kind of used connection

1. Select kind of used connection IP-Address or DynDNS-name.

2. Open the „Device IP List".

3. Press button „ADD" to add a new device.
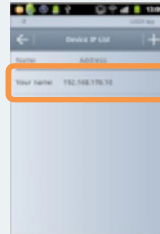
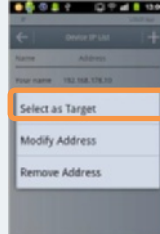4. Configure user specific name and address of the device.
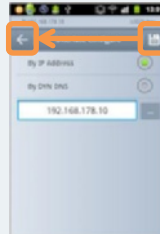

5. Listed devices in the „Device IP List".
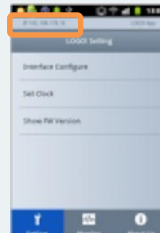
Select a Target device

1. Open the sub menu by a long click on the device in the „Device IP List".

2. Select „Select as Target" in the sub menu.

3. Save button to save the changes.

4. Back to former menu.

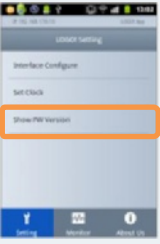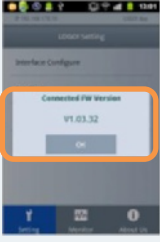
5. Indicator of the selected target device.

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3	Check the connection

- The simplest way to check the connection is to read the firmware version of the connected LOGO! 0BA7.

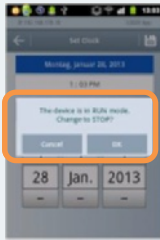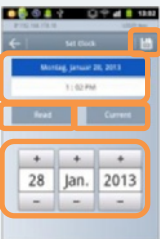- A special configuration in the LOGO! program is not necessary.
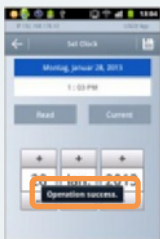
Firmware version

 1. Select Menu „Show FW Version".

 2. Firmware version of the connec-
ted LOGO! 0BA7

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<table>
<tr><td>4</td><td>Read and Set date and time</td></tr>
</table>

■ A special configuration in the LOGO! program is not necessary.

Read and Set date and time

1. Select the menu „Set Clock" in the main menu.

7. Note: Change RUN/STOP mode in LOGO! (LOGO! must be in STOP mode).

2. Select date or time for manual changes.

3. Button Read to read and show the actual date and time of the connected LOGO!.

4. Button „Current" to get the actual date and time information of your mobile device.

5. Depending on the selection the date or time information is shown and with the buttons „ + „ and „ – „ you can change date or time manually.

6. Button „Save" to set date and time in LOGO! to the selected values.

8. Note: Result of the transfer.

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5	Show status information of the connected LOGO!

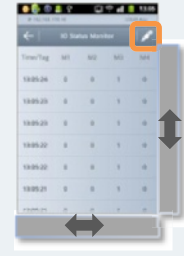- A special configuration in the LOGO! program is not necessary.

6	Show program specific Data/Parameter of the connected LOGO!

1. In the main menu select „I/O Status Monitor "...

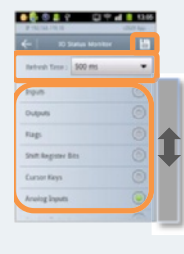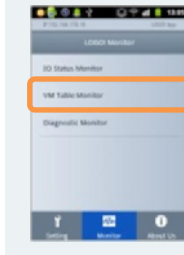1. In main menu select „VM Table Monitor ".

2. Display of the LOGO! status table.

3. Button to modify the shown status information and the update time.

2. Button to add data or parameters.

4. Scroll to see information outside of the screen.

3. Input fields for user specific name, address and data type.

4. Button to safe the modification.

5. Selection of the update time.

6. Selection of the status information shown in the status table.

7. Button „Save" to confirm the modifications and show the status table.
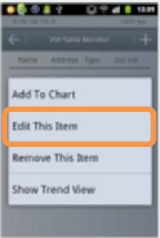
5. View of the specified data or parameters.

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7	Edit values	8	Show values in trend view

1. Select one of the specified values by long click on the value.

2. Select „Edit This Value" in the sub menu.

3. Change the value in the field „New Value".

4. Button „Save" to transfer the new value to LOGO! and go back to the VM Table Monitor.

1. Select up to 5 values from the VM Table Monitor by a long click on the value.

2. Select „Add To Chart" from the sub menu.

3. The selected values to be shown in the trend view will get marked in blue color.

4. Open the sub menu by a long click in the blue area.

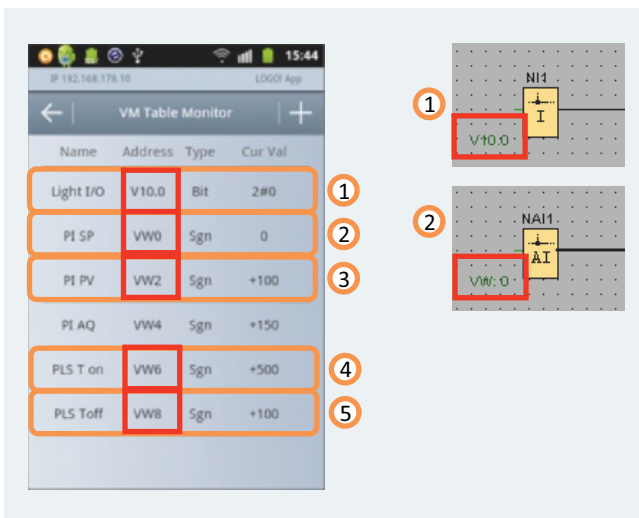5. To start the trend view of the selected value select „Show Trend View".

6. Selected values shown in the trend view.

7. In the trend view you will see the name and address of the shown values also and what color is used for the single line.

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9	Configuration of values in the LOGO! Application program with LOGO! Soft Comfort

1. Digital value in LOGO! Read and Write (Network Input).

2. Analog value in LOGO! Read and Write (Analog Network Input).

3. Analog value (FB-Parameter) Read only (Actual value in LOGO!).

4. Analog value (FB-Parameter) Read and Write.

5. Analog value (FB-Parameter) Read only (Reference in LOGO! Programm).