SIEMENS

SIMATIC NET

MOBIC T8

Information on the Product

English

The following supplement is part of this documentation:

No.	Designation	Drawing number	Edition
1	Product information	A5E00882110-01	08/2006

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Classification of Safety-Related Notices

This manual contains notices which you should observe to ensure your own personal safety, as well as to protect the product and connected equipment. These notices are highlighted in the manual by a warning triangle and are marked as follows according to the level of danger:

Danger

indicates that death or severe personal injury **will** result if proper precautions are not taken.

Warning

indicates that death or severe personal injury **can** result if proper precautions are not taken.

Caution

with warning triangle indicates that minor personal injury can result if proper precautions are not taken.

Caution

without warning triangle indicates that damage to property can result if proper precautions are not taken.

Notice

indicates that an undesirable result or status can occur if the relevant notice is ignored.

Note

highlights important information on the product, using the product, or part of the documentation that is of particular importance and that will be of benefit to the user.

Trademarks

SIMATIC®, SIMATIC HMI® and SIMATIC NET® are registered trademarks of SIEMENS AG.

Third parties using for their own purposes any other names in this document which refer to trademarks might infringe upon the rights of the trademark owners.

Safety Instructions Regarding your Product:

Before you use the product described here, read the safety instructions below thoroughly.

Qualified Personnel

Only **qualified personnel** should be allowed to install and work on this equipment. Qualified persons are defined as persons who are authorized to commission, to ground, and to tag circuits, equipment, and systems in accordance with established safety practices and standards.

Correct Usage of Hardware Products

Note the following:

Warning

This device and its components may only be used for the applications described in the catalog or the technical description, and only in connection with devices or components from other manufacturers which have been approved or recommended by Siemens.

This product can only function correctly and safely if it is transported, stored, set up, and installed correctly, and operated and maintained as recommended.

Before you use the supplied sample programs or programs you have written yourself, make certain that no injury to persons nor damage to equipment can result in your plant or process.

EU Directive: Do not start up until you have established that the machine on which you intend to run this component complies with the directive 89/392/EEC.

Correct Usage of Software Products

Note the following:

Warning

This software may only be used for the applications described in the catalog or the technical description, and only in connection with software products, devices, or components from other manufacturers which have been approved or recommended by Siemens.

Before you use the supplied sample programs or programs you have written yourself, make certain that no injury to persons nor damage to equipment can result in your plant or process.

Prior to Startup

Before putting the product into operation, note the following warning:

Caution

Prior to startup you must observe the instructions in the relevant documentation. For ordering data of the documentation please refer to the catalogs or contact your local SIEMENS representative.

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Disclaimer of Liability

We have checked the contents of this manual for agreement with the hardware and software described. Since deviations cannot be precluded entirely, we cannot guarantee full agreement. However, the data in this manual are reviewed regularly and any necessary corrections included in subsequent editions. Suggestions for improvement are welcomed.

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Subject to technical change.

SIEMENS

SIMATIC HMI

HMI Device
MOBIC T8 in areas susceptible to electromagnetic interference

Product information

This documentation is valid for delivery units with order number:
- 6GK1611-0TA01-1DX0
- 6GK1611-0TA01-1DV0
- 6GK1611-0TA01-0DX0

08/2006
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Safety Guidelines

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

Danger

indicates that death or severe personal injury **will** result if proper precautions are not taken.

Warning

indicates that death or severe personal injury **may** result if proper precautions are not taken.

Caution

with a safety alert symbol, indicates that minor personal injury can result if proper precautions are not taken.

Caution

without a safety alert symbol, indicates that property damage can result if proper precautions are not taken.

Notice

indicates that an unintended result or situation can occur if the corresponding information is not taken into account.

If more than one degree of danger is present, the warning notice representing the highest degree of danger will be used. A notice warning of injury to persons with a safety alert symbol may also include a warning relating to property damage.

Qualified Personnel

The device/system may only be set up and used in conjunction with this documentation. Commissioning and operation of a device/system may only be performed by **qualified personnel**. Within the context of the safety notes in this documentation qualified persons are defined as persons who are authorized to commission, ground and label devices, systems and circuits in accordance with established safety practices and standards.

Trademarks

All names identified by ® are registered trademarks of the Siemens AG. The remaining trademarks in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owner.

Prescribed Usage

Note the following:

Warning

This device may only be used for the applications described in the catalog or the technical description and only in connection with devices or components from other manufacturers which have been approved or recommended by Siemens. Correct, reliable operation of the product requires proper transport, storage, positioning and assembly as well as careful operation and maintenance.

Disclaimer of Liability

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

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MOBIC T8 in areas susceptible to electromagnetic interference

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Validity

This product information is valid for the MOBIC T8 with one of the following order numbers:

- 6GK1611-0TA01-1DX0
- 6GK1611-0TA01-1DV0
- 6GK1611-0TA01-0DX0

A MOBIC T8 with one of these order numbers is delivered with a CP 1515 Wireless-LAN PCMCIA card already built-in.

This product information contains important information. The notes supplement the operating instructions for the HMI device and take precedence over statements in the operating instructions, the release notes, and in the online help.

This product information contains important notes on the following issues:

- Use in areas susceptible to electromagnetic interference
- Enhancement of the WLAN range
- Enhancement of the rechargeable battery time

Use in areas susceptible to electromagnetic interference

Caution

Wireless LAN PCMCIA card CP 1515

If you use the MOBIC T8 in an area susceptible to electromagnetic interference, for example an airplane or in a hospital, then you have to disable the wireless LAN PCMCIA card CP 1515 or, depending on how it is installed, remove or unplug it. This applies also for all other areas in which wireless LAN is not permitted.

If a CP 1515 is installed or inserted in a MOBIC T8, then the icon is visible in the status area.

If the icon is displayed in the status area, the CP 1515 is not operational, but it is enabled. Disable the CP 1515 if you are in an area susceptible to electromagnetic interference with the MOBIC T8.

If no icon is displayed in the status area, the CP 1515 has been disabled or removed.

Removing the CP 1515

It makes sense to remove the CP 1515 if the MOBIC T8 is to be used continually in an area susceptible to electromagnetic interference. The removal and installation of the CP 1515 is described in the manual "Industrial Communication" for the MOBIC T8, chapter 4.5.

Unplugging or disabling the CP 1515

It makes sense to unplug or disable the CP 1515 if the MOBIC T8 is to be used temporarily in an area susceptible to electromagnetic interference.

Procedure

1. Switch on the MOBIC T8.
2. Select "Start ► Settings ► Control Panel ► Regional and Language Options".
3. Open WLAGS641.

   The dialog "Siemens Wireless Network Driver" opens.
4. Select the "IP Address" tab.
5. Select the "Disabled" checkbox.
6. Press OK.

   The icon no longer appears in the status area.
7. Close the open window.

Result

The CP 1515 is disabled. The icon WLAGS641 is identified with a red "x" in the window "Network Connections".

Installing the CP 1515

Procedure

1. Insert the CP 1515 in the internal slot.
2. Protect the CP 1515 with the terminal block.

   The terminal block prevents the CP 1515 from slipping out of the slot during rough usage conditions.

Enhancement of the WLAN range

The range of the WLAN can be enhanced if you place the Wireless LAN PCMCIA card CP 1515 on the front side of the device under the protective cover instead of in the battery compartment. In this case, protection rating IP65 is not guaranteed.

Caution

IP65 degree of protection

The MOBIC T8 only has the level of protection IP65 if the PCMCIA port under the protective cover can be closed when the PCMCIA card is inserted.

Enhancement of the rechargeable battery time

If the CP 1515 is not required, removing or disabling it increases the rechargeable battery time. Additional notes on this are available on the Internet at:

http://support.automation.siemens.com, ID-Nr.: 23335406

1 MOBIC Java Virtual Machine

1.1 MOBIC Basic Software with Firmware Version as of V4.10.1.3 (multilanguage version) and as of V4.5.0.29 (Chinese version)

Please read the FAQs and the latest information on the system properties and conditions for use of the JVM on the Internet at:

www.siemens.com/mobic

Operation with an OSM/ESM (Optical/Electrical Switch Module)

1. Access to the SIMATIC NET OSM/ESM applet is possible as of OSM/ESM firmware version V2.1.
2. In the OSM/ESM firmware version V2.1, the card or function “System\Save&Load” is disabled for Windows CE devices. The port display is updated in the OSM/ESM firmware version 2.1 at greater intervals (approx. every 2 seconds).

For further information/FAQs visit our Internet site:

www.siemens.com/mobic

2 Operation as Terminal Client

Please read the latest information on the Internet at:

www.siemens.com/mobic

Released

Operation as an MS Terminal Server Client (RDP) is released for:

- WinCC Web Navigator
- Terminal client functionality in conjunction with a Windows 2000 server

Not released

Operation as an MS Terminal Server Client (RDP) is not released for:

- STEP 7
- WINCC Server
- Pro Tool Pro
- Software from SIMATIC NET PC/Windows CD (all versions)

3 Repairs

In the unlikely event of your MOBIC product developing a fault, please return the device with its standard battery but without any other accessories such as the carrying strap or pen. There is no guarantee that any such accessories will be returned to you. Please contact your regional representative.

Please pack the device carefully. Include a brief description of the problem or how it can be triggered. Please write the return address clearly and please name a contact person in case of queries.

4 Language Variants

The MOBIC T8 is currently available as a standard device with Windows CE.NET V4.1 only in the language variants German, English, French, Italian, Spanish, and Chinese.

The MOBIC CD contains the manuals and programming instructions in the available language variants.

The manuals and programming instructions in the these languages cannot be ordered in paper form.

Please read the FAQs and the latest information on the system properties and conditions for use of the MOBIC software on the Internet at:

www.siemens.com/mobic

5 Protective Foil

Before using the device for the first time, fit the supplied protective foil to the screen. See also Section 11.4 in the MOBIC manual on the MOBIC CD.

6 Windows CE 3.0

If you want to work with Windows CE 3.0, you can load a software image with this version on the MOBIC.

The last software image with Windows CE 3.0 German and English supplied with the MOBIC is on the MOBIC CD along with a description of how to load the version.

Note

There is NO software image with Windows CE.NET 4.1 on the MOBIC CD !

It is therefore not possible to restore the originally supplied software image without taking further action!

Please contact your SIEMENS representative if you want to return to the original Windows CE.NET 4.1 after installing software image with Windows CE 3.0.

7 Charge Contacts

The MOBIC with order no. 6GK1611-0TA01-0BV0 (Chinese version) and 6GK1611-0TA01-0BX0 (multilanguage version) is available with charge contacts for operation in the MOBIC charging station. For further information, please visit our Web pages:

www.siemens.com/mobic

8 Glasstouch

The MOBIC with order no. 6GK1611-0TA01-0DV0 (Chinese version) and 6GK1611-0TA01-0DX0 (multilanguage version) has an improved display with glasstouch. The fall height of the MOBIC is 1.20 m.

9 Power Supply RS-232

The MOBIC with order no. 6GK1611-0TA01-0DV0 (Chinese version) and 6GK1611-0TA01-0DX0 (multilanguage version) offers a 5 V/200 mA power supply on the RS-232 port (refer to the MOBIC manual).