



Accessories

SUNNY MATRIX ADMIN TOOL

User Manual

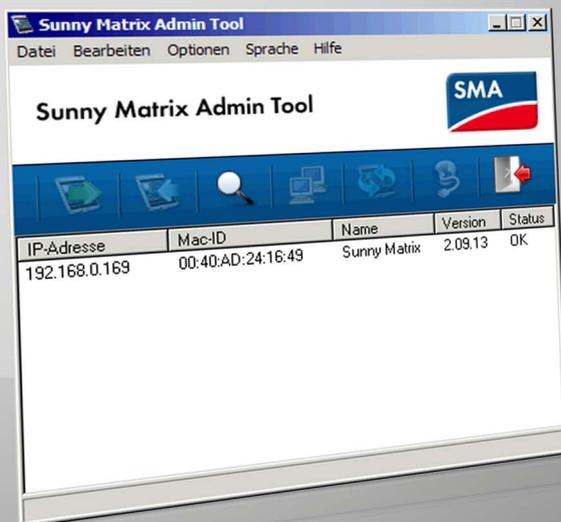


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1 Notes on this Manual

1.1 Validity

This manual applies to the Sunny Matrix Admin Tool from software version 1.0.

2 The Sunny Matrix Admin Tool

2.1 Functions

The Sunny Matrix Admin Tool is software for the Sunny Matrix and contains the following functions:

- Saving and loading the Sunny Matrix configuration (e.g. slides, slideshows, Sunny Matrix network settings, connected Sunny WebBox devices).



Only load and save the configuration from Sunny Matrix firmware version 2.10 or later

To enable you to use all functions of the Sunny Matrix Admin Tool, you must update the Sunny Matrix firmware.

- Searching for the Sunny Matrix in the network.
- Changing the Sunny Matrix network settings.
- Restarting the Sunny Matrix.
- Changing the user interface language of the Sunny Matrix.
- Transferring a firmware update to the Sunny Matrix.

2.2 System Requirements

Supported operating systems	<ul style="list-style-type: none"> • Windows XP • Windows Vista • Windows 7
Supported languages	<ul style="list-style-type: none"> • German • English • Spanish • French • Italian • Dutch • Portuguese
Supported SMA products	<ul style="list-style-type: none"> • Sunny Matrix from firmware version 2.10

3 Installation

3.1 Installing the Sunny Matrix Admin Tool on the Computer

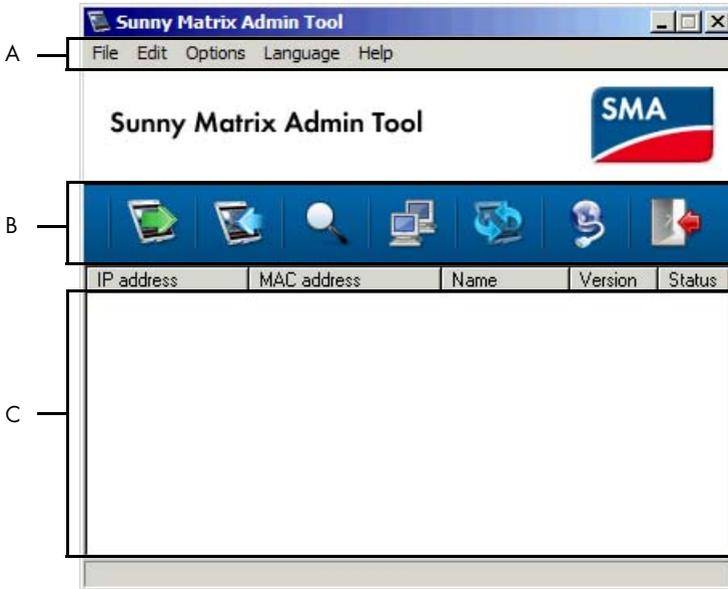
The default installation directory for the Sunny Matrix Admin Tool is "Programs\SMA\Sunny Matrix Admin Tool".

1. Double-click the "Sunny Matrix Admin Tool x.x.exe" file to open it.
 - The Sunny Matrix Admin Tool Installation Wizard opens.
2. Select [Next].
3. To select a different directory:
 - Select [Browse].
 - Select the desired directory.
 - Select [OK].
4. Select [Next].
5. Select [Next].
 - The installation starts.
6. Select [Finish].
 - The Sunny Matrix Admin Tool is now installed on the computer.

4 Operation

4.1 User Interface

The user interface of the Sunny Matrix Admin Tool is divided into 3 sections.



Position	Description
A	Menu bar
B	Icon bar The icon bar contains the most important functions of the Sunny Matrix Admin Tool.
C	Display area The Sunny Matrix Admin Tool lists all detected Sunny Matrix devices in the display area. You must click the Sunny Matrix in the display area once to be able to access all functions of the Sunny Matrix Admin Tool. For several Sunny Matrix devices: If several Sunny Matrix devices are listed in the display area, all functions of the Sunny Matrix Admin Tool will always apply to the Sunny Matrix that is currently selected.

4.1.1 Menu Bar and Icon Bar

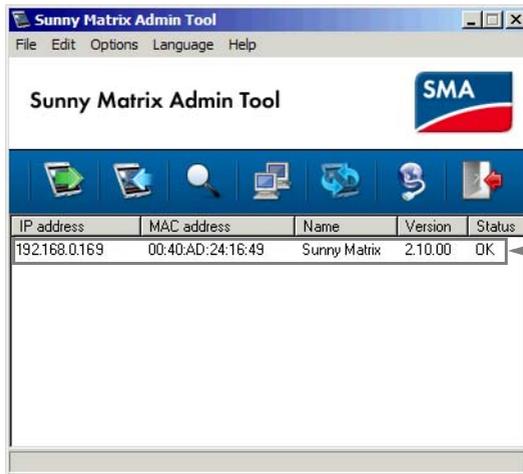
Menu item	Entry	Symbol	Function
File	Secure configuration		Saves the Sunny Matrix settings on the computer.
	Restore configuration		Restores the Sunny Matrix configuration. The current password does not change.
	Exit		Exits the Sunny Matrix Admin Tool.
Edit	Search for Sunny Matrix		Searches for all Sunny Matrix devices in the network.
	Sunny Matrix update - Language - Firmware		Updates the Sunny Matrix firmware.
Options	Restart Sunny Matrix		Restarts the Sunny Matrix.
	Network settings		Opens the network settings for the Sunny Matrix.
Language	Deutsch, English, etc.		Sets the Sunny Matrix Admin Tool interface to the selected language.
Help	Info		Opens information on the version of the Sunny Matrix Admin Tool.

4.1.2 Display Area

The Sunny Matrix Tool lists all detected Sunny Matrix devices in the display area. The display area contains the following information on the Sunny Matrix:

- IP address
- MAC address
- Name
- Version: the firmware version of the Sunny Matrix.
- Status:
 - OK = the Sunny Matrix is in operation.
 - BOOT = the Sunny Matrix is starting.

You can call up the Sunny Matrix user interface by double-clicking the Sunny Matrix in the display area.



4.2 Starting the Sunny Matrix Admin Tool

1. Open the "Sunny Matrix Admin Tool.exe" file in the target directory.
 - The "Sunny Matrix Admin Tool" window opens.
 - If an error message appears, see chapter 5 "Troubleshooting" (page 12).
 - The Sunny Matrix Admin Tool starts.

4.3 Exiting the Sunny Matrix Admin Tool

1. Select "File > Exit" or the  symbol.
 - The window closes. The Sunny Matrix Admin Tool is now closed.

4.4 Searching for the Sunny Matrix in the Network

1. Select "Edit > Search for Sunny Matrix" or the  symbol.
 - The Sunny Matrix Admin Tool displays the detected Sunny Matrix devices in the display area.
 - If the display area is empty, the Sunny Matrix Admin Tool has not found any Sunny Matrix devices. See section 5 "Troubleshooting" (page 12).
 - The Sunny Matrix is now detected.

4.5 Sunny Matrix Updates

4.5.1 Updating the Firmware

Downloading and Installing the Update File

1. Save the Sunny Matrix update file from the download area of www.SMA.de/en to the computer.
2. Open the update file.
 - The Installation Wizard starts.
3. Select [Next >].
4. Specify whether the Sunny Admin Tool should start automatically now:
 - Activate "Yes" or "No".
5. Select [Finish >].
 - The update file is now downloaded and installed.

Updating the Firmware

1. Select "Edit > Sunny Matrix update > Firmware" or the  symbol.
 - The "Sunny Matrix update" window opens.
2. Select the desired firmware version.
3. Select [Next].
4. Select the language for the Sunny Matrix user interface.
5. Select [Next].

6. Specify whether the Sunny Matrix Admin Tool should save the Sunny Matrix configuration:
 - Activate "Yes" or "No".

If	Then
Yes	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> A window opens. • Select the desired save location for the configuration. • Select [Save]. • Select [OK]. <input checked="" type="checkbox"/> The firmware is updated.
No	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> The firmware is updated.

7. Select [OK].
- The update is now complete.

4.5.2 Changing the User Interface Language

1. Download and install the update file as detailed in section "Downloading and Installing the Update File" (page 8).
2. Select "Edit > Sunny Matrix update > Language".
3. Select the language for the Sunny Matrix user interface.
4. Select [Next].
5. Specify whether the Sunny Matrix Admin Tool should save the Sunny Matrix configuration:
 - Activate "Yes" or "No".

If	Then
Yes	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> The "Restore configuration" window opens. • Select the desired save location for the configuration. • Select [Save]. • Select [OK]. <input checked="" type="checkbox"/> The language is updated.
No	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> The language is updated.

6. Select [OK].
- The user interface language is now changed.

4.6 Saving the Sunny Matrix Configuration

The Sunny Matrix Admin Tool saves the Sunny Matrix configuration in a binary file. The binary file name contains the date on which the file was saved and is arranged as follows:

"SMatrixConfig_YYYYMMDD.bin" (YYYY = year, MM = month, DD = day).

1. Select "File > Secure configuration" or the  symbol.
 - The 'Secure configuration' window opens.
2. Select the desired save location.
3. Select [Save].
 - The Sunny Matrix Admin Tool saves the configuration.
4. Select [OK].
 - The Sunny Matrix configuration is now saved.

4.7 Restoring the Sunny Matrix Configuration

You can restore the Sunny Matrix configurations that were previously saved with the Sunny Matrix Admin Tool. The procedure for saving a configuration is detailed in section 4.6 "Saving the Sunny Matrix Configuration" (page 10).

1. Select "File > Restore configuration" or the  symbol.
 - The "Password" window opens.
2. Enter the password for the Sunny Matrix.

It is the same password as the password used to log into the Sunny Matrix user interface.
3. Select [OK].
 - The "Restore configuration" window opens.
4. Select the desired file.
5. Select [Open].
 - The Sunny Matrix Admin Tool transfers the configuration to the Sunny Matrix.
6. Wait until the configuration has been successfully transferred and then select [OK].
 - The Sunny Matrix configuration is now restored.

4.8 Restarting the Sunny Matrix

1. Select "Options > Restart Sunny Matrix" or the  symbol.
 - The Sunny Matrix restarts. The Sunny Matrix Admin Tool displays "BOOT" in the "Status" column.
 - The Sunny Matrix Admin Tool displays "OK" in the "Status" column.
 - The Sunny Matrix is now restarted.

4.9 Changing the Sunny Matrix Network Settings

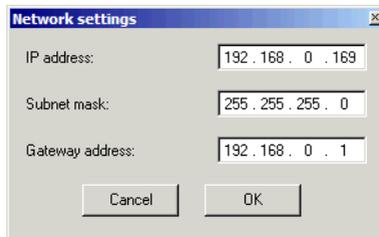


Consequences of Incorrect Network Settings

Do not change any network settings on the computer or the Sunny Matrix if you do not know the consequences of these changes. Otherwise, the network may only function partially or not at all.

In the worst case, it will no longer be possible to call up the Sunny Matrix. If in doubt, ask the network administrator.

1. Select "Extras > Network settings" or the  symbol.
 The window containing the Sunny Matrix network settings opens.



2. Change the network settings.
3. Select [OK].
 The Sunny Matrix restarts.
 The Sunny Matrix network settings are now changed. The Sunny Matrix can now be accessed under the new network settings.

5 Troubleshooting

Problem	Cause	Rectification
The Sunny Matrix Admin Tool does not find any Sunny Matrix devices.	The Sunny Matrix is not connected to the network.	Connect the Sunny Matrix to the network as described in the Sunny Matrix user manual.
	The computer and Sunny Matrix are not on the same network. The Sunny Matrix Admin Tool can only detect a Sunny Matrix device if it is located on the same network as the computer.	Set the Sunny Matrix to the computer network.
An error message appears when starting the Sunny Matrix Admin Tool: "Socket error #10065. No route to host."	The computer is not connected to the router or switch.	Check whether the network cable plug connector is correctly connected to the computer and router.
An error message appears when starting the Sunny Matrix Admin Tool: "Could not bind socket. Address and port are already in use."	The Sunny Matrix Admin Tool is already open.	Close one Sunny Matrix Admin Tool.

6 Uninstall Procedure

6.1 Uninstalling the Sunny Matrix Admin Tool

Uninstalling the Sunny Matrix Admin Tool in Windows XP

1. Select [Start].
2. Select "Settings > Control Panel".
 - The "Control Panel" window opens.
3. Select "Add or Remove Programs".
 - The "Add or Remove Programs" window opens.
4. Select "Sunny Matrix Admin Tool".
5. Select [Remove].
6. Select [Yes].
 - The Sunny Matrix Admin Tool is now uninstalled.

Uninstalling Sunny Matrix Admin Tool in Windows Vista

1. Open the Start menu.
2. Select "Control Panel".
3. Select "Programs > Uninstall a program".
4. Select "Sunny Matrix Admin Tool".
5. Select [Uninstall].
6. Select [Yes].
 - The Sunny Matrix Admin Tool is now uninstalled.

7 Contact

If you have technical problems concerning our products, contact the SMA Service Line. We require the following information in order to provide you with the necessary assistance:

- Software version of the Sunny Matrix Admin Tool
- Firmware version of the Sunny Matrix

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