

SIEMENS

AlgoRex EP7F Service Release 1

**Release Notes for
international
Service Technicians (JX)**

Fire & Security Products

Siemens Building Technologies

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1 About this document

Modification index

Version	Date	Brief description
007936_a_en_--	8 th December 2003	Initial version

Related documents

Reference	Document no	Content
[1]	6824	Operating platform for Tools
[2]	5946	Visualizer to terminal CT11
[3]	4081	Installation and maintenance

2 Introduction

2.1 Purpose of the document

The document describes the differences between EP7F Update 1 and EP7F Service Release1. It is intended for international Service Technicians who need to know what is new and/or different in EP7F-SR1.

2.2 General focus on EP7F-SR1

The AlgoRex EP7F-SR1 CD package includes a new AlgoWorks (1.35), a new international BDV (JX_114x_730_01) and a new Embedded Software version (736). The latest documents are available on the CD as well.

2.2.1 Completion of AlgoRex

CT11 Visualizer

- Supports Microsoft Windows NT 4.0, Windows 2000 and Windows XP
- Supports different character sets (Latin 1 and non-Latin 1)
- Now a customisable product, see separate CD

AlgoWorks

- Windows XP compatibility
- New functions, see page 13 and 14

Embedded Software

- CA functionality
- Danish tree browser
- Support of Hebrew language

BDV versions

- New BDV version JX_1140_730_01 and JX_1145_730_01

3 Supported operating systems

Operating system	Remark
Microsoft Windows NT 4.0	With service pack 6 installed. Restrictions apply for countries with non Latin character sets.
Microsoft Windows 2000	With service pack 2 installed
Microsoft Windows XP	-

See related document [1].

4 Versions and compatibility

4.1 AlgoWorks setup version

The current AlgoWorks setup version EP7F-SR1 is V1.35.0-000. It is a full setup. Older AlgoWorks installations must be uninstalled first. See page 21 for more details.

4.2 CS1140/45 software

4.2.1 Embedded software versions

There are two different types of embedded software:

- EPROM variants for the old HW types
(E3X101, B3Q460/80/85, B3Q560, E3X120)
- FLASH variants for the new HW types
(E3X102/3, B3Q660/70/80/85, B3Q565)



For checksums of the different versions, please see the detailed documentation which is provided together with the embedded software on the installation CD.

EPROM variants

Station type	Name	EPROM version
CC1142	Control unit modular	CCQ00736
CC1143	Control unit modular with extended RAM	CCW00736
CI1145	Control unit compact	CIV00736
CI1142	Control unit compact	CIQ00736
CT1142	Control terminal	CTQ00736
CA1142	Parallel control console	CAR00736
CK1142	Gateway	CKQ00734

FLASH variants

Station type	Name	FLASH version
CC1142	Control unit modular	CCX00736
CC1143	Control unit modular with extended RAM	CCY00736
CI1142	Control unit compact	CIX00736
CT1142	Control terminal	CTX00736
CA1142	Parallel control console	CAX00736

4.3 Repaired bugs

4.3.1 Turn key to log out

Bug description

The information on the panel **Turn key to log out.** was still present even after the key was logged out.

→ Bug corrected in EP7F-SR1

4.3.2 Alarm indicators not blinking during test mode

Bug description

While a DO1101 or DM1101 device was tested, the alarm indicator did not flash.

→ Bug corrected in EP7F-SR1

4.3.3 Commissioning of DOTE1152

Bug description

The commissioning of a DOTE1152 device could not be made completely.

→ Bug corrected in EP7F-SR1

4.3.4 Time channels

Bug description

The programming of the time channels did not work correctly.

→ Bug corrected in EP7F-SR1

4.3.5 Soft keys on quiescent display

Bug description

Sometimes the soft keys provided functions, which were not corresponding with the current situation.

→ Bug corrected in EP7F-SR1

4.3.6 Time marks on the panel

Bug description

The time marks were not supported on the panel.

→ Bug corrected in EP7F-SR1

4.3.7 CA functionality for Asia variants

Bug description

The CA software did not work correctly for Asian panel variants.

→ Bug corrected in EP7F-SR1

4.4 Restrictions and known bugs

4.4.1 Supervision of emergency lines (degrade path)

Bug description

If the I-Bus is blocked via switch S4-10 on the E3X101, the signals for the emergency line supervision are also disabled and therefore a fault message 'degrade path fire alarm' is displayed on each station which does not detect the supervision pulses anymore.

4.4.2 Emergency line 'silence alarm horns'

Bug description

If there is an emergency alarm in a control unit, which is in degraded mode, the alarm horns of the control unit cannot be stopped from any CT11 station, because the emergency line 'silence alarm horns' is not activated.

4.4.3 Function unit MS9i (E3M060)

Bug description

Concerning function unit MS9i E3M060:

If a fully operating detector line is disconnected completely (both sides of the loop), only a line fault will be shown, but not any detector faults.

4.4.4 Pager interface K3I090

Bug description

Requested adaptation of K3I090 ESPA protocol:

The M2M-terminal seems to have too less memory to accept further messages.

In this case the M2M-terminal replies to any message with "2 NAK".

This should be handled correctly by K3I090.

4.4.5 Alarm handling using B3Q590

Bug description

If performing a reset while any alarm condition is still given, the internal horn is activated again.

That internal horn cannot be acknowledged anymore using the B3Q590 because the information message about activating the internal horn again is not visible on the B3Q590.

Work around:

In this case the internal horn has to be acknowledged using a CT11 or CI11.

4.4.6 Overlapping remote transmission references

Bug description

If the configuration contains any wrong device remote ID (structure number or field number) no fault message will be generated.

Work around:

Use the consistency check provided by AlgoWorks.

4.4.7 Australian functionality

The specific Australian functionality is not fully supported with the version EP7F-SR1.

4.4.8 No support of Arabic texts

Display of customer texts and standard texts in Arabic language is not supported. However, editing in AlgoWorks is already possible.

4.4.9 Display of "connecting" text on CT/CI

During the connection phase of a station CT11 or CI11 a text is displayed, which informs the user about the status. In rare cases it can happen that this text is temporarily not displayed, even if the connection has not been completed. Since the connection is still ongoing, the station does not react if a key is pressed.

4.4.10 Incomplete "Poll information" on the panel

Bug description

The user can carry out the function "Poll Information" on the panel to get more information about a specific node. Only the first three bytes will be displayed.

Work around

The user should go online with AlgoWorks and all four bytes will be shown completely in the corresponding tab.

4.4.11 Acknowledge via DMS

Bug description

If the AlgoRex system is connected to a danger management system (DMS), alarms from collective lines must be acknowledged twice from the DMS.

4.4.12 No information of line in collective mode

Bug description

If the service technician has some not localized AnalogPLUS detectors in the AlgoWorks configuration and makes a download, no information "Part of line in collective mode" will be shown on the panel.

5 AlgoWorks Software Toolset

The AlgoWorks EP7F-SR1 version now runs on Microsoft Windows NT4, Win2000 and WinXP platforms.
See related document [1].

5.1 Important AlgoWorks information



After the new AlgoWorks version has been installed, it is mandatory to open and save all stations ones, before you start working. This procedure must be done ones, if a station has been created with older AlgoWorks versions than 1.35.0-000.

5.2 Global information

5.2.1 Multi user possibility on one PC

With EP7F Update1, it was only possible to have multi user possibilities if each user could carry out the AlgoWorks setup. Now in EP7F-SR1 it is not necessary anymore. To overtake all necessary settings to the current user, you can use the Activator. It overtakes all settings without having the setup possibility.

5.3 Site Management

5.3.1 General

Sub-windows

The AlgoWorks SIM program is divided into different sub-windows, non of them can be moved, only resizing or hiding is possible.

Saving of column width in the tree editors

All column width will be saved when closing the windows.

5.3.2 New function

Reorder Hebrew Customer texts

This function is made for sites with Hebrew text. See online help for more information.

5.3.3 Changed functions

Station Converter

The station converter has been improved for a German specific field. Now it is possible to convert CI stations into CC station without getting an error message.

5.3.4 Extended dialog

Area visibility

The windows title on the dialog box Area Visibility is extended with the station customer text.

5.3.5 SIM-Help

See page 15 for detailed information.

5.4 Station Management

5.4.1 General

Sub-windows

The AlgoWorks SIM program is divided into different sub-windows, non of them can be moved, only resizing or hiding is possible.

Saving of column in the tree editors

All column width will be saved when closing the windows.

5.4.2 New function

Save Configuration Data As ...

The new menu item allows exporting the station data into a CSV format, which can be imported with another programs. (E.g. Microsoft Excel)

5.4.3 Changed function

Import from .TXT file / Export to .TXT file

The menu item now imports / exports the TXT file format. The old functions imported / exported BDF files.

Consistency Checks

There are three new consistency checks available:

- CPU Overlapping for LON Devices
- Proper links for ELOut2
- LON 3 Reference

→ See SAM online help for more details.

Online mode

The online mode has been improved in speed.

Download Configuration Data

Before you can start a download to a station, AlgoWorks checks if the correct station type is connected.

5.4.4 SAM-Help

See page 15 for detailed information.

5.5 HTML Help

5.5.1 SIM-Help

New or changed help topics

TOC title	Description
Welcome to Site Management	New version number
Help Release Notes	New version number
Menu Tools	Added text for new function
Reorder Hebrew Customer Text	Completely new

See the online help topics with the flash icon for more details.

5.5.2 SAM-Help

New or changed help topics

TOC title	Description
Welcome to Station Management	New version number
Help Release notes	New version number
Undo	Corrected List at the bottom
Inherit brother same node type	Link corrected
Inherit throughout the level	Link corrected
Message texts and indicators	Added text
Check Detectors per line	Number of devices
File Menu	Added text
Test Mode	Added text
Set Loc. Index = Bus Address	Removed text
CS11 Printer Wiring	Corrected port number
Check CPU overlapping LON devices references	Completely new
Check LON3 references	Completely new
Check EL Out 2 links	Completely new

See the online help topics with the flash icon for more details.

5.6 Repaired bugs

5.6.1 Short cuts

Bug description

The short cuts <Ctrl>+<Alt>+<N> and <Ctrl>+<Alt>+<P> made a fatal error in AlgoWorks.

→ Bug corrected in EP7F-SR1

5.6.2 Upload from a K3M111 line card

Bug description

If an AnalogPLUS line was uploaded several times, it always generated additional nodes, even when the devices were already in the physical tree.

→ Bug corrected in EP7F-SR1

5.7 Restrictions and known bugs

5.7.1 16bit characters not fully supported in path and directory names

Bug description

16bit characters must not be used in path and directory names of the AlgoWorks installation. Otherwise, conversion of EP4 (or older) sites to EP7F is not possible. Therefore, in Asian countries which are using 16bit character sets, AlgoWorks must be installed in a separate path using 8bit characters only!

5.7.2 Display of national texts in control editor

Bug description

The character set mapping for the customer texts does not work for control references on the 'References' tab and in the 'Add/Remove' dialog of the control editor. Because of this, not all characters of national languages are displayed correctly.

5.7.3 Disappearances of SIM Short cuts

Bug description

After the user has opened the site management all short cuts within the menu bar are shown. When the station management has been opened ones and the user goes back to the site management window, the short cuts are not shown anymore. But they are still working.

Work around

Close the site management windows and start AlgoWorks again. The short cuts will be visible again, or use the short cuts as usually, without being displayed.

5.7.4 Disappearances of SIM sub window names

Bug description

When the user opens the site management and the archive is not connectable or no disk is inserted, the corresponding sub windows is not named. This happens only when the corresponding windows are set to be visible.

5.7.5 Disconnection of a Dongle

Bug description

If the user disconnects the dongle while he is working with SIM / SAM, AlgoWorks generates an error and the program will be closed automatically without saving.

Work around

Don't disconnect the dongle during work and lock the dongle with the screws.

5.7.6 Function “Export Gateway Data”

Bug description

If the SIM function “Export Gateway Data” is carried out, the generated file does not have the actual station number created within the file. It generates “???” instead of the right number.

Work around

After having carried out the function, open the generated file and search for the string “???” and replace it with the correct number of the station.

5.7.7 DC1157 in combination with used Bus-Address 128

Bug description

If a detector on an interactive line uses the bus address 128 and a DC1157 is also connected on the same line, the detector with bus address 128 will generate a fault.

Work around

Change the bus address 128 to another value.

5.7.8 Moving of devices within the physical Tree

Bug description

If the user creates 128 devices in the physical tree, it is no longer possible to move some detectors to another position within the same detector line in the physical tree.

Work around

Create less than 128 devices, if you want to move some detectors.

5.7.9 Initial view of “Online mode”

Bug description

If the user connects to online mode, AlgoWorks does not show the correct node the first time.

Work around

The user should go online first and select the desired node afterwards.

5.7.10 Moving Zones between different Areas

Bug description

If the user wants to move a ZONE from one AREA to another, with drag and drop he could easily do it. If the new Area has already some zones and the user drops the moved zone directly under the area, the **Customer text line 1** of the moved zone will still have the old text number which includes the wrong text for the new situation.

If the user now carries out the function "Update Customer Text" all customer text in the old area will be changed as well, because they are referenced to the same text number.

Work around

If a zone has to be moved, it should not be dropped directly under the area, it should be dropped between zones and moved to the first position afterwards.

The service engineer should control the texts before he makes the final download.

5.7.11 Function Rescue Upload

Bug description

If the user carries out the site management function "Rescue Upload" the programme does not finish the rescue upload correctly. This happens if stations older than EP7F are rescued. The function "Rescue Upload" does only work correctly with EP7F sites. If a Rescue Upload has been done, the text in the columns "Description" and "Customer Name" will not be given.

6 New BDV JX_114x_730_01

6.1 General

The EP7F-SR1 includes two new BDV's, which are **JX_1140_730_01** and **JX_1145_730_01**. The major changes are

- New / changed customer texts
- Changed station templates
- Changed AlgoWorks texts
- Additional / changed help information

6.1.1 New / changed customer text

New customer text

22959 "Area: "

Changed customer text

4453 "No connection to CA/Visualizer"

6.1.2 Changed station templates

Linked RT Channel 1

Within the station template (CI1145/1) the RT Channel 1 of each AREA is linked to the E3G070 In/Out no 5 and the RT Channel 2 of each AREA is linked to the E3G070 In/Out no 6.

Dialog Message texts / indicators

These new definition were made.

- CI1145 (1)
 - Standard message text no 4219 to indicator group A, Bit7
 - Standard message text no 4256 to indicator group A, Bit7
- CI11 (2)
 - Standard message text no 4219 to indicator group A, Bit7
 - Standard message text no 4256 to indicator group A, Bit7

6.1.3 Changed AlgoWorks texts

A few AlgoWorks field descriptions have been changed. The changes were made for both BDV versions **JX_1140_730_01** and **JX_1145_730_01**.

New version and date

The new AlgoWorks Data Definitions (ADD) has the new version ADD 1.01.43-002. The version can be displayed by using the sub menu item "About AlgoWorks".

Changed Texts

- Field 1389 changed into "indic. State CT panel"
- Field 1369 changed into "loop forward"
- Selection List for field no 1232 (station type) has been changed from "CK1142" to "CK114x"

6.1.4 BDV-Help

Changed help topics

Field no or Topic Title	Description
4324	Corrected text from "element 2" to "element 1"
1800	Corrected text from "110 minutes" to "10 seconds"
1600	Corrected text from "2" to "1" within the table "0:standard"
1348	Information about the default has given graphically
1313	Corrected text from "function code 300" to "function code 105"
Standard Text	Additional information about the operation text

See the online help topics with the flash icon for more details.

7 CT11 Visualizer Customizing

The new SW tool 'CT11 Visualizer Customizing' provided with EP7F-SR1 is now an officially customisable product. It is a completely new application that has been improved in many aspects compared to the existing tool.

Features

- Supports Microsoft Windows NT 4.0, Windows 2000 and Windows XP
- Supports different character sets (Latin 1 and non-Latin 1)

See document [2] for more information.

8 Update procedures

8.1 Installation of AlgoWorks

The AlgoWorks setup 1.35.0-000 is a full setup. Therefore the old setup has to be uninstalled first.

1. Remove the old AlgoWorks version.

Please follow the instructions, which are given in document [3], to remove the old AlgoWorks version 1.32-0AB-000.

2. Install the new AlgoWorks version by using the setup program on the CD.

Please follow the instructions, which are given in document [3], to install the new AlgoWorks version 1.35-0-000.

→ The AlgoWorks version 1.35-0-000 has been installed on your PC.



With the new AlgoWorks version it is mandatory to open and save all stations ones, before you start working. This procedure must be done, if a station has been created with older AlgoWorks versions than 1.35.0-000.

8.2 Installation of BDV JX_114x_730_01



It is recommended to use the new international BDVs for new projects. Older projects should be converted to the new BDV version as soon as possible.

- Install the new BDV's **JX_114x_730_01** by using the setup program on the CD. Please follow the instructions, which are given in document [3] to install the new Base Data Variant.

→ The new BDV **JX_1140_730_01** and **JX_1145_730_01** will be installed.

8.3 Installation of Embedded Software 736



It is strongly recommended to use the new Embedded Software for new projects. Older projects should be changed to the new version as soon as possible.
If you do not use the older Embedded Software 734 anymore, it can be removed from the PC by using the corresponding setup program. See document [3] for more details.

- Install the new **Embedded Software 736** by using the setup program on the CD. Please follow the instructions, which are given in document [3] to install the new Embedded Software.
- The new Embedded Software **736** will be installed.

8.4 New or changed documents

Some documents were changed with EP7F-SR1. See the EDMS, or the folder standard documents on the CD.

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