SIEMENS

AlgoRex EP7F-SR2

Release Notes for international Service Technicians

Building Technologies

Fire Safety & Security Products

1 About this document

Modification index

Version	Date	Brief description
008635_b_en_--	May 2011	Information about Embedded SW 738 and 739
008635_a_en_--	November 2004	Initial version

Related documents

Reference	Document no	Content
[1]	6824	Operating platform for Tools
[2]	4081	Installation and maintenance

2 Introduction

2.1 Purpose of the document

The document describes the differences between EP7F-SR1 and EP7F-SR2. It is intended for international service technicians, who need to known what is new and/or different in EP7F-SR2.

2.2 General focus on EP7F-SR2

AlgoRex EP7F-SR2 has been manly done for bug fixing. A new AlgoWorks, a new Embedded Software and a new BDV setup version has been made.

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 Embedded software versions

There are two different types of embedded SW:

- EPROM variants for the old HW types
  (E3X101, B3Q460/80/85, B3Q560, E3X120, E3H020)
- 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 SW on the Service Technicians installation CD.

EPROM variants

Station type	Name	EPROM version
CC1142	Control unit modular	CCQ00739
CC1143	Control unit modular with extended RAM	CCW00739
CI1145	Control unit compact	CIV00739
CI1142	Control unit compact	CIQ00739
CT1142	Control terminal	CTQ00739
CI1142-T1	Control unit compact (China, simplified)	CIQT1739
CI1142-TE	Control unit compact (China, traditional)	CIQTE739
CI1142-TL	Control unit compact (Korea)	CIQTL739
CI1142-T5	Control unit compact (Thailand)	CIQT5739
CI1143-T1	Control unit compact (China, simplified) with extended RAM	CIWT1739
CI1143-TE	Control unit compact (China, traditional) with extended RAM	CIWTE739
CI1143-TL	Control unit compact (Korea) with extended RAM	CIWTL739
CI1143-T5	Control unit compact (Thailand) with extended RAM	CIWT5739
CT1142-T1	Control terminal compact (China, simplified)	CTQT1739
CT1142-TE	Control terminal compact (China, traditional)	CTQTE739
CT1142-TL	Control terminal compact (Korea)	CTQTL739
CT1142-T5	Control terminal compact (Thailand)	CTQT5739
CA1142	Parallel control console	CAR00739
CA1142-T1	Parallel control console with extended RAM analogous to CT1143	CAQT1739
CA1142-TE		CAQTE739
CA1142-TL		CAQTL739
CA1142-T5		CAQT5739
CK1142	Gateway	CKQ00739

FLASH variants

Station type	Name	FLASH version
CC1142	Control unit modular	CCX00739
CC1143	Control unit modular with extended RAM	CCY00739
CI1142	Control unit compact	CIX00739
CT1142	Control terminal	CTX00739
CI1143-T1	Control unit compact (China, simplified) with extended RAM	CIYT1739
CI1143-TE	Control unit compact (China, traditional) with extended RAM	CIYTE739
CI1143-TL	Control unit compact (Korea) with extended RAM	CIYTL739
CI1143-T5	Control unit compact (Thailand) with extended RAM	CIYT5739
CT1143-T1	Control terminal compact (China, simplified)	CTYT1739
CT1143-TE	Control terminal compact (China, traditional)	CTYTE739
CT1143-TL	Control terminal compact (Korea)	CTYTL739
CT1143-T5	Control terminal compact (Thailand)	CTYT5739
CA1142	Parallel control console	CAX00739
CA1143-T1	Parallel control console with extended RAM analogous to CT1143	CAYT1739
CA1143-TE		CAYTE739
CA1143-TL		CAYTL739
CA1143-T5		CAYT5739

4.1.1 Repaired bugs in Embedded-SW 737

LED presentation on online mode (IPUS 5223)
The LED presentation on structure 1450 (parallel indicators) is not correct during the online mode.
➔ Bug corrected. The LED presentation is correct during online mode.

Function "Switch off" on a ZO control (IPUS 5224)
A ZO control cannot be switched off, if no elements are created below this zone.
➔ Bug corrected. The ZO control can be switched off.

Function "ACTIVATE Element" for Manual Call Points (IPUS 5256)
The function "*ACTIVATE Element*" is not available for Manual Call Points on the CT panel.
➔ Bug corrected. The function "*ACTIVATE Element*" on the CT panel is also available for Manual Call Points.

Emergency Alarms on I-BUS modules (IPUS 5264)
If an I-BUS module is on emergency operation, no alarms will be generate from its devices.
➔ Bug corrected. Devices will generate a collective alarm during emergency operation.

Function "Select Device" on level Element (IPUS 5359)
The function "*Select DEVICE"* is not available on level element, if the user starts the navigation on "*HARDWARE level…*".
➔ Bug corrected. The function "*Select DEVICE"* is also available on level element, if the user starts the navigation on "*HARDWARE level…*"

Incorrect display of customer text (IPUS 5361)
The CT panel does not display the selection "*1: Cust. Text 1*" correctly, on field 1347 (Tree title mode), in combination with structure 1390 (FU CT panel).
➔ Bug corrected. The selection will be displayed correctly on the CT panel.

Intervention Text (IPUS 5362)
The intervention text is only available, if the organisation is "manned" and the time v1 is not up.
➔ Bug corrected. The intervention text is always shown spontaneously, if the field 1348 is active on structure 1390.

Alarm verification on EL col. det. 2/3 (IPUS 5373)
The alarm verification on element "*EL col. det. 2" (Str 1511)* and "*EL col. det. 3"* (Str 1512*)* does not work correctly.
➔ Bug corrected. The alarm verification works correctly.

Message "Section fire OFF" (IPUS 5396)
If a fire section includes ZO digital and digital elements and the function "*All ZONES -> ON*" is carried out, the message "*Section fire OFF"* does not disappear on the terminal.
➔ Bug corrected. The message "*Section fire OFF"* disappears on the terminal.

Suppressed faults during test mode (IPUS 5400)
If the function "*Zone -> TEST"* is carried out on a zone, which already has generated some faults, the faults are not suppressed during the test mode.
➔ Bug corrected. The faults will be suppressed during the test mode.

Display cursor initialization (IPUS 5414)
The initialization of display curser is not always correctly. See also MI342e.
➔ Initialization corrected.

Faulty acknowledge on restricted CT panels (IPUS 5416)
An AREA visibility on a CT panel can be defined as "*2: sample"*. The alarms from this area will generate a message "*FIRE ALARM adjacent area*" on the restricted CT panel. If a user acknowledges the alarm on the restricted CT, the alarm itself is also acknowledged, the horns are switched off and the CAC is affected.
➔ Bug corrected. Only the alarm message on the restricted CT will be acknowledged. The alarm on the area itself, the horns and the CAC are not affected by acknowledging on the restricted CT panel.

Fully access on restricted CT panels (IPUS 5418)
An AREA visibility on a CT panel can be defined as "*2: sample"*. The alarms from such areas will generate a message "*FIRE ALARM adjacent area*" on the restricted CT panel. If the function "*Elements in Alarm*" is programmed on the restricted CT panel and the user carries out this function, he gets fully access to the restricted area.
➔ Bug corrected. It is not possible to get fully access to the restricted areas with help of the function "*Elements in Alarm*".

Function "Elements in ALARM" (IPUS 5419)
The function "*Elements in ALARM"* does not work correctly on level area and section.
➔ Bug corrected. It works correctly on level area and section.

Disconnected elements (IPUS 5539)
If the function "*ALL Zones -> ON*" or "*Zone -> ON"* is carried out twice, the elements, which belongs to this zones, are still disconnected.
➔ Bug corrected. The elements are connected after the user has carried out one of these functions twice.

Mapping to DMS (IPUS 5242)
If the AlgoRex system is connected to a danger management system (DMS), warnings from the fire system will be mapped to a fault in the DMS system.

4.1.2 Repaired bugs in Embedded-SW 738

C-Bus connectivity (BTQ00003522)
From customer installations with many C-Bus participants we get reports that under certain circumstances it could happen that information between the stations (C-Bus participants) is not correctly synchronized among the stations.
E.g. terminals show different information.

➔ Bug corrected. See also **FD_06_007_MI_C-Bus-Connection_en.**

4.1.3 Repaired bugs in Embedded-SW 739

Support of new RTC-Driver
Because of discontinuation of old Real Time Clock device a new type had to be supported by including an additional driver in the embedded software.

➔ The old and new Real Time Clock device is now supported.

4.2 New firmware version for B3Q59x

4.2.1 Repaired bugs in firmware V5.0

Buzzer switch off, if remote transmission is active (IPUS 5072)
The buzzer does not switch off, if the remote transmission is active. This behaviour happens if the country code 11 is set.
➔ Bug corrected. The buzzer switches off now.

Illumination of LED after station reset (IPUS 5438)
The third programmable LED illuminates, if another C-Bus station resets.
➔ Bug corrected. The third LED does not illuminate anymore.

4.3 AlgoWorks Software Toolset

AlgoWorks EP7F still runs on Microsoft Windows NT4, Win2000 and WinXP
See related document [1] and chapter 3.

The AlgoWorks setup 1.37.0-000 is a full setup. Therefore the old setup has to be uninstalled.

4.3.1 Site Management

New file type is shown
The file type "**.csv*" (comma separated value) is shown within the explorer view of Site Management. The format will be generated if the function "*Save Configuration Data As …"* is carried out. The file can be open with Microsoft Excel.

4.3.2 Station Management

Changed Reports
All report types, except Node Reports, were reengineered.
Use the output type *HTML* only to view the reports. Not advisable to use for printing. Use the output type *printer* to print a report.
If you want to have a view and printable file type, install a PDF generator on your PC and select the output type printer to generate such a PDF file. We recommend installing the Acrobat Distiller.

4.3.3 HTML Helps

Generally the help has not changed between EP7F-SR1 and EP7-SR2. Only a few topics were added and one topic is new.

SIM-Help
New or changed help topics

Topic name	Description
Welcome to Site Management	New version number, hotline
Release Notes	New date
Original location "Archive"	Added text
About Rescue upload	Added text
About related files	New file type *.csv
File "History.log"	New created

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

SAM-Help
New or changed help topics:

Topic file name	Description
Welcome to Site Management	New version number, hotline
Release Notes	New date
CT11 Indicators	Added text

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

4.3.4 Repaired bugs in AlgoWorks 1.37.0-000

Reports (IPUS 5116)
The menu *Reports* should generate other information.
➔ Bug corrected. The Reports has been reengineered. (See page 11)

Column “Description”(IPUS 5186)
The column "Description” (inside the dialog "Set. Loc. Index, Create Element and Link") " is not shown if a valid localisation index is selected.
➔ Bug corrected. The column will be shown if a valid index is selected.

Appearance of start and stop time definitions (IPUS 5225)
The default value on start time (field 310) or stop time (field 311) is „00“ for minutes and hours. If the user wants to set a valid time, which includes the value „00“,such as „07:00“ or „00:20“, he has to type this value „00“ manually again. If the value is not set manually, AlgoWorks sets the hole time back to default value „00:00“ and ignors the time, after you have selected another node.
➔ The appearance of the default start and stop time has changed. The default value is “--:--“. The user has to give in the times completely by using the keyboard or the little buttons on the right side. If the buttons are used, AlgoWorks will automatically overtake the actual minutes or hours from your PC. With this new appearance there is no misunderstanding between a valid time and the default value.

Parcer functionality and BDV’s without CC station (IPUS 5234)
The parcer, which is used to generate a new county BDV, does not work correctly, if no CC station is included in the BDV.
➔ Bug corrected. The parcer works correctly even without a CC station in the country BDV.

Handling of “Cust. Text line 1” (IPUS 5283)
If a zone is moved from one section to the first position of another section, with help of the drag and drop manipulation, the „*Cust. text line1*“ wont be set correctly.
➔ Bug corrected. The section texts will be set to the correct value.

Labels of SIM sub windows (IPUS 5302)
Each sub window within SIM, such as Archive or Disk, has its own label. The label wont be shown, if the content of the sub window is not reachable while starting AlgoWorks.
➔ Bug corrected. The labels of all sub windows will be shown, even if the content is not reachable while starting AlgoWorks.

No warning on function “Undo Check Out Site” (IPUS 5387)
If you carry out the function "*Undo Check Out Site*" the complete site will be deleted permanently within the working folder, without information to the user. No copies will be made to the back up folder. The whole changes, since the function „*Check out*“ was been carried out, will be lost.
➔ An information will be given to the user where he can confirm or cancel the action. In EP7F-SR2 the information text is hard coded. It can be translated into other languages on a further AlgoWorks version.

Wrong content on converter log file (IPUS 5395)
The converter writes a wrong information into the log file, if the line type of a DC1192 is definded as type 128 or 129.
➔ Bug corrected.

File format type CSV is not shown (IPUS 5402)
The CSV file format is not shown within SIM, although the function „*Save Configuration Data As …*" generates such files.
➔ Bug corrected. See also page 11.

Conversion of indicator sets (IPUS 5430)
The indicator sets will be overtaken from site specific message texts, but the programming about them wont be overtaken by the converter.
➔ Bug corrected. The programming about site specific message texts will be overtaken by the converter as well.

Dialog "Create" and automatically inserted blanks (IPUS 5448)
If the service technician creates more than one new node (e.g. zone) at the same time, AlgoWorks adds automatically a number in ascending order to the customer text. Between the customer text and the number always a blank is created.
➔ Bug corrected. The blank wont be added automatically. If the service technician wants to have a blank, he has to add it at the end of the custumer text itself.

Tab order of sub window "Create" (IPUS 5449)
The tab order within the sub window „Create" has changed to be support the clipboard manipulations better. The new order is:

1. Node
2. Customer Text
3. [Ok] button
4. Number of Instances
5. [Cancel] button
6. Remember Text

Move of button "Add/Remove" (IPUS 5450)
The button „Add/Remove", which is used to define some references to a zone control, has been moved to the left side of the dialog. It makes the handling easier.

Moving Zones between different Areas (IPUS 5283)
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 that includes the wrong text for the new situation.
If the user now carries out the function "Update Customer Text" all costumer text in the old area will be changed as well.

4.3.5 Restrictions and known bugs in AlgoWorks 1.37.0-000

Function “Rescue Upload” (IPUS 5278)
Rescue Upload only works for EP7F sites. Earlier version won’t be uploaded correctly.

16bit characters not fully supported in path and directory names
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 that are using 16bit character sets, AlgoWorks must be installed in a separate path using 8bit characters only!

Text missing after Rescue Upload (IPUS 5267)
If a Rescue Upload has been done, no text in the columns “Description” and “Customer Name” will be given.

Disappearances of SIM Short cuts (IPUS 5305)
After the user has opened the site management all short cuts within the menu bar are shown. When the station management is open ones and the user goes back to the site management window the short cuts are not shown anymore. But they are still working.
Workaround:
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.

Disconnection of a Dongle (IPUS 5055)
If the user disconnects the dongle while his is working with SIM / SAM, AlgoWorks generates an error and the program will be closed automatically without saving.
Workaround:
Don’t disconnect the dongle during work and fix the dongle with the screws.

Function “Export Gateway Data” (IPUS 5307)
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.
Workaround:
After carried out the function, open the generated file and search for the string “???” and replace it with the correct number of the station.

Online mode to different station types possible (IPUS 5246)
It is possible to be online to any station type; it does not matter if the connected station type is compatible to the type, which is opened within the SAM.
Workaround:
Compare the connected station type with the one your just have opened in AlgoWorks.

Import from SmartHandy (IPUS 5084)
When the user carries out the SAM menu function “Import from SmartHandy” the station data will not be deleted on the SmartHandy automatically, it has to be done manually.

DC1157 in combination with used Bus-Address 128 (IPUS 5309)
If a detector on an interactive line uses the bus address 128 and a DC1157 is also connected, the detector with bus address 128 will generate a fault.
Workaround:
The bus address 128 must be changed on the detector.

Moving of devices within the physical Tree (IPUS 5245)
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.
Workaround:
Create less than 128 devices if you want to move some detectors.

Icon for “Online mode” disappears (IPUS 5036)
The user has the possibility to connect the station to online mode by double click-ingthe corresponding icon, visible at the status bar. The user also can go to offline mode by the same action. When AlgoWorks is back in offline mode the icon disap-pears and will be shown only if the user carries out the online/offline mode with help of the menu bar.
Workaround:
The user should use the existing menu items.

Initial view of “Online mode” (IPUS 5228)
If the user connects to online mode, AlgoWorks does not show the correct node the first time.

4.4 Miscellaneous

CBA line card (IPUS 5317)
If the AlgoRex system includes a CBA-Card (E3M120) the system generates sometimes a FATAL FAULT message.

4.5 BDV JX_114x_730_02

The BDV provided with EP7F-SR2 is almost the same as in EP7F-SR1. Some topics in the online help were updated and one field (FLD2026) has been changed to new visibility level.

The new versions are **JX_1140_730_02** and **JX_1145_730_02**.

New or changed help topics:

Field no	Topic name / Field name	Description
GEN	Welcome to BDV Help	New hotline number
GEN	Release Notes	New version number, date
1348	interv. text after acknowledge	New description
2026	Country code	New locked, instead of read only

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

5 Update procedures

5.1 Installation of AlgoWorks

The AlgoWorks setup 1.37.0-000 is a full setup. Therefore the old setup has to be uninstalled first.

1. Uninstall the old AlgoWorks version by using the setup program.
➔ Follow the procedure described in document [2].

2. Install the new AlgoWorks version 1.37.0-000 by using the setup program.
➔ Take over your current archive paths, if desired.

5.2 Installation of BDV JX_114x_730_02

It is recommended to use the new international BDV's for new projects. Older projects should be converted to the new BDV version if possible.

Install the new BDV's **JX_114x_730_02** by using the setup program on the CD.
➔ Follow the procedure described in document [2].

The new BDV **JX_1140_730_02** and **JX_1145_730_02** will be installed.

5.3 New Embedded Software

It is strongly recommended to use the new Embedded Software for new projects. Older projects must be changed to the new version as soon as possible.
Therefore the old Embedded Software must be uninstalled first.

Procedure to install the Embedded Software 739

1. Uninstall the old setup Standard EmbeddedSW Package.
➔ Follow the procedure described in document [2].

2. Install the setup Standard EmbeddedSW Package 739.
➔ Follow the procedure described in document [2].

5.4 New documents

The latest AlgoRex documentations are available on Siemens Intranet (STEP).

Siemens Switzerland Ltd
Building Technologies Group
International Headquarters
Fire Safety & Security Products
Gubelstrasse 22
CH-6301 Zug
Tel. +41 41 – 724 2424
Fax +41 41 – 724 3522
www.siemens.com/buildingtechnologies

Document no. **008635_b_en_--**
Edition 05.2011