

# SIEMENS

## AlgoRex EP7F-Z2.1

### Release Notes for Service Technicians

**Building Technologies**

Fire Safety & Security Products

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# 1 About this document

## 1.1 Purpose of the document

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The document describes the differences between the AlgoRex release packages EP7F-Z1 and EP7F-Z2.1.

## 1.2 Modification index

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| Version        | Date    | Brief description |
|----------------|---------|-------------------|
| 009895_b_en_-- | 2007-05 | Chapter 3.2       |
| 009895_b_en_-- | 2007-05 | Chapter 5         |
| 009895_b_en_-- | 2007-05 | Chapter 7         |

## 1.3 Related documents

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| Reference | Document no | Content                      |
|-----------|-------------|------------------------------|
| [1]       | 6824        | Operating platform for Tools |

## **2 Introduction**

### **2.1 Principal purpose of the project EP7F-Z2.1**

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AlgoRex EP7F-Z2.1 has been developed in order to fulfil the new extinguishing standard EN12094-1 for single section.

## 3 Versions and compatibility

### 3.1 AlgoWorks

#### 3.1.1 Program and setup version

---

The AlgoWorks setup version for EP7F-Z2.1 is V1.50. It is a full setup and the program version is 1.50.0-000.

Parallel installations with older EP7F AlgoWorks versions are not possible. Therefore, older EP7F AlgoWorks programs must be uninstalled first, before the installation of EP7F-Z2.1 can be started.

Please see also documents [1] for further information.

#### 3.1.2 Program / site compatibility

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##### **AlgoWorks**

The new AlgoWorks version is compatible to older EP7F versions. It is still possible to support older sites as long as the old BDV and Embedded versions are installed.

##### **BDV's**

The new BDV versions are not compatible with older ones. Customer sites which are based on older BDV versions must be converted to get the new functionality of it. After conversion the customer data has to be downloaded again.

The new BDV's need the new AlgoWorks and Embedded version.

##### **Embedded Software**

The new embedded version needs the new AlgoWorks and BDV version.

#### 3.1.3 Supported operating systems

---

AlgoWorks EP7F-Z2.1 runs on following operating systems:

| <b>Operating system</b> | <b>Remark</b>                 |
|-------------------------|-------------------------------|
| Microsoft Windows 2000  | With service pack 2 installed |
| Microsoft Windows XP    | -                             |

See document [1] for further information.

## 3.2 CS1140/45 software

### 3.2.1 Embedded software version 7.82

There are two different types of embedded SW:

- EPROM variants for the older HW types  
(E3X101, B3Q460/80/85, B3Q560, E3X120, E3H020)



The embedded software version for CI1145 (E3X120 board) can be used, but is not compliant with EN12094-1, because of the built in panel type on CI1145.

- FLASH variants for the newer HW types  
(E3X102/3, B3Q660/61/80/85, B3Q565)



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

#### EPROM variants

| Station type | Name   | EPROM version     |
|--------------|--|-------------------|
| CC1142       | Control unit modular   | CCQ00782          |
| CC1143       | Control unit modular with extended RAM                         | CCW00782          |
| CI1145       | Control unit compact   | CIV00782          |
| CI1142       | Control unit compact   | CIQ00782          |
| CT1142       | Control terminal   | CTQ00782          |
| CK1142       | Gateway  | CKQ00782          |
| CK1143       | Gateway with extended RAM                                      | CKW00782          |
| CI1142-T1    | Control unit compact (China, simplified)                       | Not available yet |
| CI1142-TE    | Control unit compact (China, traditional)                      | Not available yet |
| CI1142-TL    | Control unit compact (Korea)                                   | Not available yet |
| CI1142-T5    | Control unit compact (Thailand)                                | Not available yet |
| CI1143-T1    | Control unit compact (China, simplified) with extended RAM     | Not available yet |
| CI1143-TE    | Control unit compact (China, traditional) with extended RAM    | Not available yet |
| CI1143-TL    | Control unit compact (Korea) with extended RAM                 | Not available yet |
| CI1143-T5    | Control unit compact (Thailand) with extended RAM              | Not available yet |
| CT1142-T1    | Control terminal compact (China, simplified)                   | Not available yet |
| CT1142-TE    | Control terminal compact (China, traditional)                  | Not available yet |
| CT1142-TL    | Control terminal compact (Korea)                               | Not available yet |
| CT1142-T5    | Control terminal compact (Thailand)                            | Not available yet |
| CA1142       | Parallel control console                                       | CAR00782          |
| CA1142-T1    | Parallel control console with extended RAM analogous to CT1143 | Not available yet |
| CA1142-TE    |  | Not available yet |
| CA1142-TL    |  | Not available yet |
| CA1142-T5    |  | Not available yet |



**FLASH variants**

| Station type | Name   | FLASH version     |
|--------------|--|-------------------|
| CC1142       | Control unit modular   | CCX00782          |
| CC1143       | Control unit modular with extended RAM                         | CCY00782          |
| CI1142       | Control unit compact   | CIX00782          |
| CT1142       | Control terminal   | CTX00782          |
| CI1143-T1    | Control unit compact (China, simplified) with extended RAM     | Not available yet |
| CI1143-TE    | Control unit compact (China, traditional) with extended RAM    | Not available yet |
| CI1143-TL    | Control unit compact (Korea) with extended RAM                 | Not available yet |
| CI1143-T5    | Control unit compact (Thailand) with extended RAM              | Not available yet |
| CT1143-T1    | Control terminal compact (China, simplified)                   | Not available yet |
| CT1143-TE    | Control terminal compact (China, traditional)                  | Not available yet |
| CT1143-TL    | Control terminal compact (Korea)                               | Not available yet |
| CT1143-T5    | Control terminal compact (Thailand)                            | Not available yet |
| CA1142       | Parallel control console                                       | CAX00782          |
| CA1143-T1    | Parallel control console with extended RAM analogous to CT1143 | Not available yet |
| CA1143-TE    |  | Not available yet |
| CA1143-TL    |  | Not available yet |
| CA1143-T5    |  | Not available yet |



The Embedded software version 7.82 requires AlgoWorks version 1.50.

## 4 AlgoWorks Software Toolset

### 4.1 Introduction / overview

---

AlgoWorks EP7F-Z2.1 supports all new functions of the embedded software and the new hardware of EP7F-Z2.1, in particular the new settings for extinguishing functions.

### 4.2 Site Management

#### 4.2.1 Changed dialogues

---

##### **Default settings**

The dialogue *Default Settings* on menu *Options* has been textual modified.

The old entry for EP7F-Z1 is now valid for EP7F-Z2.x as well. The new texts are

- Default EP7F-Z1/Z2.x CS1140
- Default EP7F-Z1/Z2.x CS1145

#### 4.2.2 Online help

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---

The flash icons in the online help file indicate where the changed topics can be found.

---

## Station Management

### 4.3.1 Online help

---



---

The flash icons in the online help file indicate where the changed topics can be found.

---

## 4.4 Repaired bugs

### 4.4.1 Wrong gateway listing

|   |                     |                    |
|---|---------------------|--------------------|
| <b>Bug description</b>  | <b>Tracking no.</b> | <b>FSP00009189</b> |
|   | <b>Hotline call</b> | <b>none</b>        |
| The gateway listing was not correct on structure numbers 1561, 1562 and 1563. An inexistent number was added. |                     |                    |
| <b>Correction / Workaround</b>  |                     |                    |
| The inexistent number won't be added anymore.   |                     |                    |

|  |                     |                    |
|--|---------------------|--------------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | <b>FSP00009184</b> |
|  | <b>Hotline call</b> | <b>none</b>        |
| The gateway listing did not show collective elements (1510) correctly if they were used together with zone digital (1610). The gateway listing showed such events with Section Fire instead of Section Extinguishing.<br>(See also chapter 5.2.3, page <b>Fehler! Textmarke nicht definiert.</b> ) |                     |                    |
| <b>Correction / Workaround</b>   |                     |                    |
| The correct section information has been corrected. (fixed since Cxx00773)   |                     |                    |

|   |                     |                    |
|---|---------------------|--------------------|
| <b>Bug description</b>  | <b>Tracking no.</b> | <b>FSP00009198</b> |
|   | <b>Hotline call</b> | <b>none</b>        |
| Only used in France:<br>The sector-X Record on structure 1201, 1210 and 1213 must be implemented again. |                     |                    |
| <b>Correction / Workaround</b>  |                     |                    |
| The sector X record has been implemented again.   |                     |                    |

## 5 Update BDV's JX\_114x\_780\_04

### 5.1 Introduction / overview

---

The major changes compare into BDV JX\_1140\_780\_03 (provided with EP7F-Z2.1) are:

- Changed standard texts (see chapter 5.2)

### 5.2 New standard text

---

| TextNr | Modi | Resulting text       |
|--------|------|----------------------|
| 24084  | NEW  | "Multi verification" |



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**IMPORTANT  
INFORMATION**

As alternative use the older Version JX\_114x\_780\_03 and add the Text see Chapter 5.2 in the file DWR000S.DAT

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# 6 Embedded software version 7.81

## 6.1 Introduction / overview

Only the Standard embedded software setup is available at the moment. The Asia version is not available yet. It will be provided later.  
 Different embedded software setup packages can be installed in parallel.



The Embedded Software version 781 replaces all other embedded versions, which were published before.



Do not mix different embedded software versions at the same customer site.  
 After changing a customer site to version 781, the converted configuration data must be downloaded again.



**IMPORTANT INFORMATION**

For new Installations do not use Version 7.81

## 6.2 Repaired bugs

### 6.2.1 LED System ON indication before first download

|   |                     |                    |
|---|---------------------|--------------------|
| <b>Bug description</b>  | <b>Tracking no.</b> | <b>FSP00009025</b> |
|   | <b>Hotline call</b> | <b>none</b>        |
| If the station has been booted, the LED <i>System ON</i> already illuminates, before a download has been carried out.   |                     |                    |
| <b>Correction</b>   |                     |                    |
| The LED <i>System ON</i> does not illuminates until a download has been carried out.<br>(Be aware: The system can't find out if the download is useful or not.) |                     |                    |

### 6.2.2 Different indication on B3Q460 and B3Q660 by using of *Panel mode 2*

|  |                     |                    |
|--|---------------------|--------------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | <b>FSP00009064</b> |
|  | <b>Hotline call</b> | <b>none</b>        |
| The indication between B3Q460 and B3Q660, by using the settings <i>tree title mode 2</i> , was not the same. |                     |                    |
| <b>Correction / Workaround</b>   |                     |                    |
| The indication of B3Q460 and B3Q660, in panel mode 2, is now the same. Both panel types show the AREAS.      |                     |                    |

### 6.2.3 Gateway protocols

|  |                     |             |
|--|---------------------|-------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | FSP00009174 |
|  | <b>Hotline call</b> | none        |
| The gateway CK11 did not answer to the command <i>Data Network Acknowledgement Fault</i> (R3886) by sending command Q3846. |                     |             |
| <b>Correction / Workaround</b>   |                     |             |
| The command Q3846 is now sent. (fixed since CKQ00773)  |                     |             |

|  |                     |             |
|--|---------------------|-------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | FSP00009175 |
|  | <b>Hotline call</b> | none        |
| The danger management system shows normal condition, even if a detector line was switched off. |                     |             |
| <b>Correction</b>  |                     |             |
| The danger management system shows the current condition. (fixed since CKQ00773)               |                     |             |

|  |                     |             |
|--|---------------------|-------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | FSP00009176 |
|  | <b>Hotline call</b> | none        |
| If a line alarm appears the command U0100 can be acknowledged by command R0180. This command R0180 did not affect Areas. |                     |             |
| <b>Correction / Workaround</b>   |                     |             |
| The command R0180 now affects Areas too. (fixed since CKQ00773)  |                     |             |

|  |                     |             |
|--|---------------------|-------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | FSP00009184 |
|  | <b>Hotline call</b> | none        |
| No indication of information on a danger management system if Zone digital and type sprinkler with collective elements was used. |                     |             |
| <b>Correction / Workaround</b>   |                     |             |
| Indication is now transferred to the danger management system. (fixed since CKQ00773)  |                     |             |

|  |                     |             |
|--|---------------------|-------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | FSP00009185 |
|  | <b>Hotline call</b> | none        |
| After command <i>Test alarm 670B</i> , the command for normal condition was not send to the danger management station.     |                     |             |
| <b>Correction / Workaround</b>   |                     |             |
| When the station is in normal condition, the command will be send to the danger management station. (fixed since CKQ00773) |                     |             |

|  |                     |             |
|--|---------------------|-------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | FSP00009652 |
|  | <b>Hotline call</b> | none        |
| "... when a C-bus device fails, the CK11 sends the corresponding telegram to report the event, but if, after that, you poll the CK11 (with *R5352 telegram) there is no report about the failed device - you get directly *533B while the C-bus device is still failed." |                     |             |
| <b>Correction / Workaround</b>   |                     |             |
| Bug corrected. (fixed since Cxx00773)  |                     |             |

|  |                     |             |
|--|---------------------|-------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | FSP00009184 |
|  | <b>Hotline call</b> | none        |
| The gateway listing did not show collective elements (1510) correctly if they were used together with zone digital (1610). The gateway listing showed such events with Section Fire instead of Section Extinguishing.<br>(See also chapter 4.5.1, page Fehler! Textmarke nicht definiert.) |                     |             |
| <b>Correction / Workaround</b>   |                     |             |
| The correct section information has been corrected. (fixed since Cxx00773)   |                     |             |

|   |                     |                    |
|---|---------------------|--------------------|
| <b>Bug description</b>  | <b>Tracking no.</b> | <b>FSP00010292</b> |
|   | <b>Hotline call</b> | <b>none</b>        |
| If the connection to danger management system was lost, the buffered output gateway telegrams were not deleted when the connection was connected again. |                     |                    |
| <b>Correction / Workaround</b>  |                     |                    |
| Now the output telegrams were deleted, when the connection between gateway and danger management system is established again.                           |                     |                    |

## 6.2.4 Correct information about blocked event memory

|   |                     |                    |
|---|---------------------|--------------------|
| <b>Bug description</b>  | <b>Tracking no.</b> | <b>FSP00009477</b> |
|   | <b>Hotline call</b> | <b>18390</b>       |
| By setting the DIP switch S4-8 to position ON (E3X101/102/103) the event memory is blocked.<br>If the switch was set back to OFF position during a reset phase or while the station was powerless, the information on the panel about the blocked event memory was not shown anymore although the event memory was still blocked. |                     |                    |
| <b>Correction / Workaround</b>  |                     |                    |
| The panel shows the correct situation about blocked event memory situation.   |                     |                    |

## 6.2.5 Stuck of controls

|   |                     |                    |
|---|---------------------|--------------------|
| <b>Bug description</b>  | <b>Tracking no.</b> | <b>FSP00009481</b> |
|   | <b>Hotline call</b> | <b>20212</b>       |
| If a control zone was active (and its state was acknowledged or not acknowledged) and the zone was set to test mode, the alarms disappears but the control zone was still active. |                     |                    |
| <b>Correction / Workaround</b>  |                     |                    |
| Now the control zone doesn't stay active.   |                     |                    |

## 6.2.6 Logger entries

|  |                     |                    |
|--|---------------------|--------------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | <b>FSP00009033</b> |
|  | <b>Hotline call</b> | <b>none</b>        |
| The logger file showed entries for all ZO Control 6 (1656) even if they were programmed correctly. |                     |                    |
| <b>Correction / Workaround</b>   |                     |                    |
| The logger file has only entries if the zone control 6 is programmed not correctly.                |                     |                    |

# 7 Embedded Software version 7.82

## 7.1 Introduction / overview

Only the Standard embedded software setup is available at the moment. The Asia version is not available yet. It will be provided later.  
 Different embedded software setup packages can be installed in parallel.



The Embedded Software version 782 replaces all other embedded versions, which were published before.



Do not mix different embedded software versions at the same customer site.  
 After changing a customer site to version 782, the configuration data must be downloaded again.

## 7.2 Repaired bugs

|  |                     |  |
|--|---------------------|--|
| <b>Bug description</b>   | <b>Tracking no.</b> | <b>FSP00019263</b><br>FSP00019871<br>FSP00020719 |
|  | <b>Hotline call</b> | <b>W57683</b><br>W62361<br>W63868                |
| Sinteso line card: after Sinteso line card has been switched off and on.again the panel showed Panel "Normal operation" even the line didn't generate an Alarm |                     |  |
| <b>Correction</b>  |                     |  |
| Has been fixed in 7.82   |                     |  |

|   |                     |                    |
|---|---------------------|--------------------|
| <b>Bug description</b>                                      | <b>Tracking no.</b> | <b>FSP00020381</b> |
|   | <b>Hotline call</b> | <b>W64869</b>      |
| Problem with logger codes 22AB and 22AC where not supported |                     |                    |
| <b>Correction / Workaround</b>                              |                     |                    |
| Has been fixed in 7.82                                      |                     |                    |

|  |                     |                    |
|--|---------------------|--------------------|
| <b>Bug description</b>   | <b>Tracking no.</b> | <b>FSP00021006</b> |
|  | <b>Hotline call</b> | <b>none</b>        |
| For DS11-A devices: display multi verification parameter are missing |                     |                    |
| <b>Correction / Workaround</b>                                       |                     |                    |
| Has been fixed in 7.82   |                     |                    |



## 8 Documentation

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Some documents were updated for EP7F-Z2.1, some are new as well.  
The current document versions are available as PDF-Files on the Service Technician release CD. The latest versions are always available on the EDMS or STEP.

| Document no | Document name   |
|-------------|---|
| 001260      | Beschreibung Hardware, Einschübe                            |
| 001260      | Hardware description, Modules                               |
| 008722      | Fire detection system                                       |
| 008722      | Brandmeldezentrale  |
| 008725      | Planen und Projektieren                                     |
| 008725      | Planning  |
| 009760      | Brandmeldesystem mit Löschbedienung, Bedienungsanleitung    |
| 009760      | Control panel extinguishing SECTION, Operating instructions |
| 009853      | Brandmeldesystem im Betriebsetzung 'Löschung'               |
| 009853      | Fire detection system, Commissioning 'Extinguishing'        |
| 009867      | Comfort operating terminal                                  |
| 009867      | Komfort-Bedienterminal                                      |

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Section x