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<td>Miscellaneous online helps</td>
<td>11</td>
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<td>AlgoWorksInfo</td>
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<td>AlgoWorks Software 1.62</td>
<td>13</td>
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<td>Introduction / overview</td>
<td>13</td>
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<td>Tool customizing</td>
<td>13</td>
</tr>
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<td></td>
<td>Introduction</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>Changes in AlgoWorks Menu- and Text Definition</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>Site Management</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>Online help</td>
<td>14</td>
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<td></td>
<td>Station Management</td>
<td>14</td>
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<td></td>
<td>Online help</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>Miscellaneous online helps</td>
<td>14</td>
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<td>AlgoWorksInfo</td>
<td>15</td>
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<tr>
<td></td>
<td>AlgoWorksTC</td>
<td>15</td>
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<td>Converter</td>
<td>15</td>
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<td>AlgoWorks Software 1.63</td>
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<tr>
<td></td>
<td>Introduction / overview</td>
<td>18</td>
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<td></td>
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1 About this document

1.1 Purpose of the document

The document describes the differences between the AlgoRex release packages EP7F-Z2.1 and EP7F-Z2.2. It is intended for Tool Coordinators who need to know what is new and/or different in EP7F-Z2.2.

1.2 Modification index

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Brief description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A6V10081372_e_en</td>
<td>2008-Nov-17</td>
<td>New chapters 12.2, 12.3, 12.4 about setup version 1.63.1-000, Chapter 13 updated</td>
</tr>
<tr>
<td>A6V10081372_d_en</td>
<td>2008-Jun-24</td>
<td>Adapted ADD file version numbering on BDV 800, chapter 10.3</td>
</tr>
<tr>
<td>A6V10081372_c_en</td>
<td>2008-Jun-16</td>
<td>New AlgoWorks version 1.63, chapter 3.2.3 updated about existing Flash variants for China</td>
</tr>
<tr>
<td>A6V10081372_b_en</td>
<td>2008-Apr-17</td>
<td>Update for AlgoWorks, Embedded and BDV</td>
</tr>
<tr>
<td>A6V10081372_a_en</td>
<td>2007-Sep-07</td>
<td>Initial version</td>
</tr>
</tbody>
</table>

1.3 Related documents

<table>
<thead>
<tr>
<th>Reference</th>
<th>Document no</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>[1]</td>
<td>4768</td>
<td>Tool set customizing for EP7F</td>
</tr>
<tr>
<td>[2]</td>
<td>4081</td>
<td>Installation and maintenance</td>
</tr>
<tr>
<td>[3]</td>
<td>6824</td>
<td>Operating platform for Tools</td>
</tr>
</tbody>
</table>

2 Introduction

2.1 Principal purpose of the EP7F-Z2.2

The release package AlgoRex EP7F-Z2.2 has been developed in order to expand the range of Sinteso device types on the AlgoRex fire system such as the Transponder (FDCIO223). Additionally some modification has been done to fulfil the Chinese Standard GB16806 as well as some bug fixing.
3  Versions and compatibility

3.1  AlgoWorks

3.1.1  Program and setup version

The new AlgoWorks setup version for EP7F-Z2.2 is V1.63.0-000. It is a full setup and the program version is V1.63. Parallel installations with older EP7F AlgoWorks versions are not possible. Therefore, older EP7F AlgoWorks programs must be uninstalled first, before the new installation can be started. Please see also documents [1], [2] and [3] for further information.

3.1.2  Program / site compatibility

AlgoWorks version 1.63 is backwards compatible to all EP7F site configurations, but the old necessary embedded software and BDV versions are still needed.

To use the latest AlgoWorks features the version 1.63 requires embedded software 8.00 version and BDV versions J0_114x_800_01.

3.1.3  Supported operating systems

AlgoWorks version 1.63 has been tested on the following operating system:

<table>
<thead>
<tr>
<th>Operating system</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft Windows XP</td>
<td>-</td>
</tr>
</tbody>
</table>

All other operating systems have not been tested and will not be supported.

3.2 Embedded software CS1140/45

3.2.1 Program and setup version

The current embedded software setup version for EP7F-Z2.2 is 800. It is a full setup and other embedded software versions may be installed in parallel without problems. Please see document [1], [2] and [3] for further information.

3.2.2 Program / site compatibility

The embedded software version 800 is backwards compatible to older versions, but the customer side data has to be converted as well.

The Embedded software version 8.00 requires AlgoWorks version 1.63 and BDV versions J0_114x_800_01.

The Embedded software version 8.00 for terminals requires more RAM memory. If some customer data memory was already fully used, it can be generate some problem while using Embedded version 8.00.
3.2.3 Variants of embedded software

There are two different variants of embedded SW:

- **EPROM variants** for the old HW types
  (E3X101, B3Q460/480/485, B3Q560, E3X120, E3H020)

- **FLASH variants** for the new HW types
  (E3X102/103, B3Q660/661/680/685, B3Q565, E3H021)

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

### EPROM variants

<table>
<thead>
<tr>
<th>Station type</th>
<th>Name</th>
<th>EPROM version</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC1142</td>
<td>Control unit modular</td>
<td>CCQ00800  ¹</td>
</tr>
<tr>
<td>CC1143</td>
<td>Control unit modular with extended RAM</td>
<td>CCW00800  ¹</td>
</tr>
<tr>
<td>CI1145</td>
<td>Control unit compact</td>
<td>CV00800</td>
</tr>
<tr>
<td>CI1142</td>
<td>Control unit compact</td>
<td>CIQ00800</td>
</tr>
<tr>
<td>CT1142</td>
<td>Control terminal</td>
<td>CTQ00800</td>
</tr>
<tr>
<td>CK1142</td>
<td>Gateway</td>
<td>CKQ00800</td>
</tr>
<tr>
<td>CK1143</td>
<td>Gateway</td>
<td>CKW00800</td>
</tr>
<tr>
<td>CI1142-T1</td>
<td>Control unit compact (China, simplified)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CI1142-TE</td>
<td>Control unit compact (China, traditional)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CI1142-TL</td>
<td>Control unit compact (Korea)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CI1142-T5</td>
<td>Control unit compact (Thailand)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CI1143-T1</td>
<td>Control unit compact (China, simplified) with extended RAM</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CI1143-TL</td>
<td>Control unit compact (Korea) with extended RAM</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CI1143-T5</td>
<td>Control unit compact (Thailand) with extended RAM</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CT1143-T1</td>
<td>Control terminal compact (China, simplified)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CT1143-TE</td>
<td>Control terminal compact (China, traditional)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CT1143-TL</td>
<td>Control terminal compact (Korea)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CT1143-T5</td>
<td>Control terminal compact (Thailand)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CA1142</td>
<td>Parallel control console</td>
<td>CAR00800</td>
</tr>
<tr>
<td>CA1142-T1</td>
<td>Parallel control console with extended RAM</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CA1142-TL</td>
<td>Parallel control console</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CA1142-T5</td>
<td>Parallel control console with extended RAM</td>
<td>Not available yet</td>
</tr>
</tbody>
</table>

¹ The size of necessary EPROM has been enlarged.

### FLASH variants

<table>
<thead>
<tr>
<th>Station type</th>
<th>Name</th>
<th>FLASH version</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC1142</td>
<td>Control unit modular</td>
<td>CCX08000</td>
</tr>
<tr>
<td>CC1142</td>
<td>Control unit modular (for China Mainland)</td>
<td>CCX0802  ²</td>
</tr>
<tr>
<td>CI1143</td>
<td>Control unit modular with extended RAM</td>
<td>CYY08000</td>
</tr>
<tr>
<td>CI1143</td>
<td>Control unit modular with extended RAM (for China Mainland)</td>
<td>CYY0802  ²</td>
</tr>
<tr>
<td>CI1142</td>
<td>Control unit compact</td>
<td>CIQ00800</td>
</tr>
<tr>
<td>CT1142</td>
<td>Control terminal</td>
<td>CTQ00800</td>
</tr>
<tr>
<td>CK1143</td>
<td>Gateway</td>
<td>CKY00800</td>
</tr>
<tr>
<td>CI1143-T1</td>
<td>Control unit compact (China, simplified) with extended RAM</td>
<td>CYT1802  ²</td>
</tr>
<tr>
<td>CI1143-TE</td>
<td>Control unit compact (China, traditional) with extended RAM</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CI1143-TL</td>
<td>Control unit compact (Korea) with extended RAM</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CI1143-T5</td>
<td>Control unit compact (Thailand) with extended RAM</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CT1143-T1</td>
<td>Control terminal compact (China, simplified)</td>
<td>CYT1802</td>
</tr>
<tr>
<td>CT1143-TE</td>
<td>Control terminal compact (China, traditional)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CT1143-TL</td>
<td>Control terminal compact (Korea)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CT1143-T5</td>
<td>Control terminal compact (Thailand)</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CA1142</td>
<td>Parallel control console</td>
<td>CA08000</td>
</tr>
<tr>
<td>CA1143-T1</td>
<td>Parallel control console with extended RAM</td>
<td>Not available yet</td>
</tr>
<tr>
<td>CA1143-T5</td>
<td>Parallel control console with extended RAM</td>
<td>Not available yet</td>
</tr>
</tbody>
</table>

² Fulfils the standard GB4717 and GB16806.
3.3 BDVs J0_114x_800_01

3.3.1 Program and setup version

The current BDV setup version for EP7F-Z2.2 is J0_800_01. It is a full setup and other BDV versions can be installed. Please see also documents [1], [2] and [3] for further information.

3.3.2 Program / site compatibility

The BDV versions J0_1140_800_01 and J0_1145_800_01 are backwards compatible to older versions, but the customer side data has to be converted.

The BDV versions J0_114x_800_01 require Embedded software version 8.00 and AlgoWorks version 1.63.
4 AlgoWorks Software 1.60

4.1 Introduction / overview

AlgoWorks V1.60 supports all new functions of the embedded software 790 and the BDV versions J0_114x_790_02.

4.2 Tool customizing

4.2.1 Introduction

The following components of the program customizing have been updated to the new/changed functionality:

- Site Management Online Help
- Station Management Online Help
- Miscellaneous online helps

Information about the process to be followed for generation of a country specific installation, please see documentation [2].

4.2.2 No changes in AlgoWorks Menu- and Text Definition

No content has changed within the AlgoWorks Menu Definition (AMD) and AlgoWorks Text Definition (ATD) between version 1.50 (EP7F-Z2.1) and version 1.60 (EP7F-Z2.2) except the version labels.

### AMD file version

<table>
<thead>
<tr>
<th>Version no.</th>
<th>Date:</th>
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</thead>
<tbody>
<tr>
<td>1.60.00-000</td>
<td>2007-Jul-06</td>
</tr>
</tbody>
</table>

### ATD file version

<table>
<thead>
<tr>
<th>Version no.</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.60.00-000</td>
<td>2007-Jul-06</td>
</tr>
</tbody>
</table>

4.3 Site Management

4.3.1 Online help

The online help has been adapted a little bit. The following help topics have been changed.

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>Welcome to Site Management</td>
<td>GEN_Welcome_to_Site_Management.HTM</td>
<td>New version</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Help Release Notes</td>
<td>GEN_HELP_RELEASE_NOTES.HTM</td>
<td>New version and date</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>About Embedded Software</td>
<td>SIM0_EMBEDDED_Software_About.htm</td>
<td>New version</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.
4.4 Station Management

4.4.1 Online help

The online help has been adapted a little bit. The following help topics have been changed.

<table>
<thead>
<tr>
<th>New Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>Welcome to Station Management</td>
<td>GEN_Welcome_to_Station_Management.HTM</td>
<td>New version</td>
</tr>
<tr>
<td>X</td>
<td>Help Release Notes</td>
<td>GEN_HELP_RELEASE_NOTES.HTM</td>
<td>New version and date</td>
</tr>
<tr>
<td>X</td>
<td>About Embedded Software</td>
<td>SIM0_Embedded_Software_About.htm</td>
<td>New version</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.

4.5 Miscellaneous online helps

4.5.1 AlgoWorksInfo

The online help has been adapted a little bit. The following help topics have been changed.

<table>
<thead>
<tr>
<th>New Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>Welcome to AlgoWorks</td>
<td>GEN_welcome_to_Algoworks.htm</td>
<td>New version</td>
</tr>
<tr>
<td>X</td>
<td>Help Release Notes</td>
<td>GEN_help_release_notes.htm</td>
<td>New version and date</td>
</tr>
<tr>
<td>X</td>
<td>Related documents</td>
<td>GE_reference_documents.htm</td>
<td>Added document number</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.
### 4.5.2 AlgoWorksTC

The online help has been adapted a little bit. The following help topics have been changed.

#### Changed help topics

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>AlgoWorksTC functions</td>
<td>--</td>
<td>New version</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.

### 4.5.3 Converter

The online help has been adapted a little bit. The following help topics have been changed.

#### Changed help topics

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Welcome to Site Converter</td>
<td>GEN_welcome_to_converter_help.htm</td>
<td>New version</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Help Release Notes</td>
<td>GEN_help_release_notes.htm</td>
<td>New version and date</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.
5 AlgoWorks Software 1.62

5.1 Introduction / overview

AlgoWorks V1.62 supports all new functions of the embedded software version 800 and the BDV versions J0_114x_800_01.

5.2 Tool customizing

5.2.1 Introduction

The following components of the program customizing have been updated to the new/changed functionality:

- AlgoWorks Text Definition
- Site Management Online Help
- Station Management Online Help
- Miscellaneous online helps

Information about the process to be followed for generation of a country specific installation, please see documentation [2].

5.2.2 Changes in AlgoWorks Menu- and Text Definition

No content has changed within the AlgoWorks Menu Definition (AMD). The AlgoWorks Text Definition (ATD) has been added with a new text message.

**AlgoWorks Menu Definition (AMD)**

No changes, except a new version label.

<table>
<thead>
<tr>
<th>Version no.</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.62.00-000</td>
<td>2008-Jan-23</td>
</tr>
</tbody>
</table>

**AlgoWorks Text Definition (ATD)**

A new text message code 42C3 has been added and the version label has been changed.

<table>
<thead>
<tr>
<th>Version no.</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.62.00-000</td>
<td>2008-Mar-14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sheet:</th>
<th>Sheet:</th>
<th>Changed</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMMMessages</td>
<td>115</td>
<td>X</td>
</tr>
</tbody>
</table>
5.3 Site Management

5.3.1 Online help

The online help has been adapted a little bit. The following help topics have been changed.

### Changed help topics

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>Welcome to Site Management</td>
<td>GEN_Welcome_to_Site_Management.HTM</td>
<td>New version number and date</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Release Notes</td>
<td>GENHELP_RELEASE_NOTES.HTM</td>
<td>New version number and date</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>About Embedded Software</td>
<td>SIM0_Embedded_Software_About.htm</td>
<td>New version number</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Export Gateway Data</td>
<td>SIM0_Tools_Export_Gateway_Data.htm</td>
<td>Info about Site Names</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Step 2: Site description dialog</td>
<td>SIM0_Site_Function_Create Step2_Dialog _Site_Description.htm</td>
<td>Info about Site Names</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Menu Tools</td>
<td>SIM0_Menu_tools.htm</td>
<td>Added list content</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.

5.4 Station Management

5.4.1 Online help

The online help has been adapted a little bit. The following help topics have been changed.

### Changed help topics

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>Welcome to Station Management</td>
<td>GEN_Welcome_to_Station_Management.HTM</td>
<td>New version number and date</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Release Notes</td>
<td>GENHELP_RELEASE_NOTES.HTM</td>
<td>New version number and date</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Generating a Report</td>
<td>SAM0_Reports_Generating.htm</td>
<td>Information about HTML type</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Download Data</td>
<td>SAM0_Communication_Download_Data.htm</td>
<td>Additional info text</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Upload Event Memory</td>
<td>SAM0_Communication.Upload_Event_Memory_.htm</td>
<td>Additional explanation</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.
5.5 Miscellaneous online helps

5.5.1 AlgoWorksInfo

The online help has been adapted a little bit. The following help topics have been changed.

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>GEN_welcome_to_Algoworks.htm</td>
<td>New version number and date</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>GEN_help_release_notes.htm</td>
<td>New version number and date</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>GEN_reference_documents.htm</td>
<td>Document version changed</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.

5.5.2 AlgoWorksTC

The online help has been adapted a little bit. The following help topics have been changed.

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>--</td>
<td>New version number</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.

5.5.3 Converter

The online help has been adapted a little bit. The following help topics have been changed.

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>GEN_welcome_to_converter_help.htm</td>
<td>New version number and date</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>GEN_help_release_notes.htm</td>
<td>New version number and date</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.
## 5.6 Bug fixes / Work arounds

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>After a conversion of site data from EP5 to EP7F is carried out, which includes CPU overlapping remote transmission, the converter were not able to convert the data correctly because the necessary structure numbers are different between EP5 and EP7F.</td>
<td>FSP00009047</td>
<td>none</td>
</tr>
<tr>
<td><strong>Work around</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Because the converter is not able to handle this specific behaviour always correct, the consistency Check needs to be carried out always after conversion. It will inform about the mismatch and the user has to reprogram those connections. The online-help includes the information already in earlier versions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>To generate some reports, different output types can be selected. One of them is HTML. It generates some files which could show some black text phrases by using the Internet Explorer from Microsoft.</td>
<td>FSP00009077</td>
<td>none</td>
</tr>
<tr>
<td><strong>Work around</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Generating some reports uses a third party program. Unfortunately we are not able to change this program, because it won’t be maintained anymore. Therefore we recommend using the output type “printer” and selecting an installed PDF printer, because PDF files are easy to save and easy to print out. Or using the Firefox program to view the HTML-Files. The online help topic has been modified to not use the HTML type. See also chapter 5.4.1 on page 14 for further information.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If some EL Col. types belong to a ZO multi 'garage', the zone waits for at least two fire alarms, from different elements, to get into alarm conditions. In case of having only one fire alarm the ZO multi 'garage' won’t get into alarm conditions and unfortunately such a single element alarm is latched until a reset command is carried out on the panel. If such a first alarm is latched for a long time and the Zone is getting a second alarm without any relationship to the first one, it sets the zone into alarm condition.</td>
<td>FSP00009088</td>
<td>none</td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If an alarm is active from the first element, it is verified after a certain time. If there is no alarm anymore it will be reseted automatically. There are no new settings available for the user.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CK11 does not creating telegrams for structures 1390 and 1391 configured in a CI1142. This however is foreseen according to the valid CK11 interface specification.</td>
<td>FSP00009177</td>
<td>none</td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Lister CC11List (function “Export gateway data” in the AlgoWorks Site Manager) lists such entries now as part of the basic sector.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If some control reports were generated, the tool could have been terminating.</td>
<td>FSP00009480</td>
<td>19628 (51948)</td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The bug has been fixed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If a Section was moved from one Area to another, the corresponding area text was not adapted on the Section.</td>
<td>FSP00009829</td>
<td>none</td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The bug has been corrected and the customer text is adapted after a movement.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tracking no.</td>
<td>Bug description</td>
<td>Hotline call</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------</td>
<td>--------------</td>
</tr>
<tr>
<td>FSP00011910</td>
<td>If an upload command were carried out on a CI1145 station the settings of the I/O types were wrong.</td>
<td>none</td>
</tr>
<tr>
<td>FSP00022071</td>
<td>If a consistency check were carried out on a Dual Core laptop it could happen that the tool was terminating.</td>
<td>56408 (56123)</td>
</tr>
<tr>
<td>FSP0023560</td>
<td>The SIM menu item called “Default Settings” shows the corresponding default BDV's settings. The translatable labels of these settings were not being able to be display completely.</td>
<td>none</td>
</tr>
<tr>
<td>FSP0052957</td>
<td>If a site configuration had too many site specific texts (approx. 150) it could happen that the tool was terminated during a conversion command.</td>
<td>97906</td>
</tr>
</tbody>
</table>
6 AlgoWorks Software 1.63

6.1 Introduction / overview

AlgoWorks V1.63 supports all new functions of the embedded software version 800 and the BDV versions J0_114x_800_01. The changes between the AlgoWorks version 1.62 and 1.63 are only bugfixes.

6.2 Bug fixes / Work arounds

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>During creation of controls some references with different criterions can be defined out of a list. It could have been that this list has shown a reduced number of entries after restarting AlgoWorks. As an additional feature the referenced nodes can be synchronized within the dialog Select References. On special nodes it has happened, that the synchronisation command has generated an error message although the nodes has exist.</td>
<td>FSP00016411</td>
<td>45317</td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The function Synch has been modified and the error message does not appear as long as the node exists.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>With formula string of a certain length station conversion generated an error.</td>
<td>FSP00056086</td>
<td>none</td>
</tr>
<tr>
<td><strong>Work around</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bug has been fixed.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>If a control report has been generated, a fatal error has occurred.</td>
<td>FSP00057259</td>
<td>119171</td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bug has been fixed.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
7 Embedded Software 7.90

7.1 Introduction / overview

Embedded software version 790 supports all new functions of AlgoWorks version V1.60 and the BDV versions J0_114x_790_02.

- 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.

- Do not mix different embedded software versions at the same customer site.
- After changing a customer site to version 790, the configuration data must be downloaded again.

7.2 Transponder FDCIO223

The embedded software version 790 supports the new device FDCIO223 (Transponder), except the functionality as contact input which is not supported. However the embedded software version 800 supports the input functionality too. See chapter 8.2 page 20 for further information.
8 Embedded Software 8.00

8.1 Introduction / overview

Embedded software version 800 supports all new functions of AlgoWorks version V1.62 and the BDV versions J0_114x_800_01.

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.

Do not mix different embedded software versions at the same customer site. After changing a customer site to version 800, the configuration data must be downloaded again.

8.2 Transponder FDCIO223 as input

The embedded software version 800 supports the device FDCIO223 (Transponder) used as contact input as well.

8.3 Bug fixes

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK11 does not creating telegrams for structures 1390 and 1391 configured in a CI1142. This however is foreseen according to the valid CK11 interface specification.</td>
<td>FSP00009177</td>
<td>none</td>
</tr>
<tr>
<td>Structures 1390 and 1391 now create telegrams if these structures reside within a CI1142.</td>
<td>Correction</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>The AlgoWorks command &quot;switch OFF interactive AI(s)&quot; was not working for wireless devices.</td>
<td>FSP00009479</td>
<td>18797</td>
</tr>
<tr>
<td>The bug has been fixed.</td>
<td>Correction</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>If a ZO digital type 0 (programmable) or a ZO digital type 3 (plant monitoring) was used the criterion &quot;ALARM cntr&quot;, the counter was increasing by two of each single alarm, instead of only one.</td>
<td>FSP00014363</td>
<td>37613</td>
</tr>
<tr>
<td>The bug has been fixed. Both ZO digital types increase the counter correctly.</td>
<td>Correction</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>We have been informed that the performance of older EP5 sites is better than the performance of newer EP7F sites.</td>
<td>FSP00015627</td>
<td>43390</td>
</tr>
<tr>
<td>A first step of improvement has been done. The data transfer between CT-stations is related to two settings/conditions. Setting of 'LON CPU-overlapping' flag and connection of parallel indicators on a CT-station. Both setting/conditions reduce the performance of system. We recommend using the setting as they are really needed. The improvement has been measured by programming some overlapping controls.</td>
<td>Correction</td>
<td></td>
</tr>
<tr>
<td>Bug description</td>
<td>Tracking no.</td>
<td>Hotline call</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
<td>--------------</td>
<td>--------------</td>
</tr>
<tr>
<td>After repairing a disconnection between a CT station and its CA, the faulty</td>
<td>FSP00018814</td>
<td>56658</td>
</tr>
<tr>
<td>message disappears correctly but the CA was not working.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The error handling between CT-station and CA has been improved.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bug description</td>
<td>FSP00022391</td>
<td></td>
</tr>
<tr>
<td></td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>If the command ‘Reconfig. Line’ is carried out on a non comfort terminal (B3Q460/480/485) and the command ‘Line OFF’ is started while the first command is still running, the message Line OFF appears on the panel. If you than carry out the command ‘Line normal Mode’ it was not working. The command ‘Line OFF’ had to be carried out once again to be able to switch the line back to normal mode.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The bug has been fixed. The command ‘Line OFF’ can not be carried out while the command ‘Reconfig. Line’ is still running.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bug description</td>
<td>FSP00035777</td>
<td>84863</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>While a zone was setting in renovation mode and the alarm organisation was changed, the panels showed there is still renovation mode active, but in fact the corresponding devices were not set in renovation conditions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The bug has been fixed. The renovation mode is still active after changing the alarm organisation, so the device conditions and the information on the panel are matching.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bug description</td>
<td>FSP00024391</td>
<td>56613</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Some access levels on panels can be reached by password or by turning the key switch. The text message (22104) &quot;or TURN key switch&quot; was not shown on comfort panel types such as B3Q66x and B3Q68x.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Correction</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The bug has been fixed. Additionally the length of text number 22104 has been adapted as well. See chapter 10.2 page 26 for more details.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
9 BDVs J0_114x_790_02

9.1 Introduction / overview

BDV versions J0_1140_790_02 and J0_1145_790_02 support all new functions of the AlgoWorks V1.60 and embedded software 790.

The major changes compare to BDV J0_114x_780_03 (provided with EP7F-Z2.1 are:

- Changes in standard text file
- Changes in ADD file
- Changes in Country Defaults
- Changed in Station Templates
- Changes in BDV online help

In order to minimize the effort for BDV country specific adaptations, some parts of the customizing process can be supported by headquarter. Please contact HQ (Product Manager) for detailed information.

9.2 Changes in standard texts file

This chapter lists the standard text differences between J0_114x_780_03 and J0_114x_790_02.

new texts:

24084"Multi verificaton"
9.3 Changes in ADD file

This chapter gives a short overview about the differences in the AlgoWorks Data Definition (ADD) files between J0_114x_780_03.xls and J0_114x_790_02.xls. All changes are documented in detail directly in the ADD files in the additional columns ‘New’, ‘Changed’ and ‘Description’ in each of the sheets.

### ADD file versions

<table>
<thead>
<tr>
<th>BDV</th>
<th>File name:</th>
<th>Version no.</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1140</td>
<td>J0_1140_790_02.xls</td>
<td>1.40.00-001</td>
<td>2007-Sept-07</td>
</tr>
<tr>
<td>CS1145</td>
<td>J0_1145_790_02.xls</td>
<td>1.40.00-001</td>
<td>2007-Sept-07</td>
</tr>
</tbody>
</table>

### Short Overview of the changes

For full details see the ADD files J0_1140_790_02.xls or J0_1145_790_02.xls. (The rows in brackets belong to J0_1145_790_02.xls.)

<table>
<thead>
<tr>
<th>Sheet:</th>
<th>Row:</th>
<th>New</th>
<th>Changed</th>
<th>Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pages EP7F</td>
<td></td>
<td></td>
<td></td>
<td>No changes</td>
</tr>
<tr>
<td>Nodes EP7F</td>
<td>52</td>
<td>X</td>
<td></td>
<td>New because of transponder FDCIO223</td>
</tr>
<tr>
<td>Fields EP7F</td>
<td>206</td>
<td>X</td>
<td></td>
<td>GB4717 relevant</td>
</tr>
<tr>
<td></td>
<td>406</td>
<td>X</td>
<td></td>
<td>New because of transponder FDCIO223</td>
</tr>
<tr>
<td></td>
<td>415</td>
<td>X</td>
<td></td>
<td>New because of transponder FDCIO223</td>
</tr>
<tr>
<td></td>
<td>965</td>
<td>X</td>
<td></td>
<td>New because of transponder FDCIO223</td>
</tr>
<tr>
<td></td>
<td>966</td>
<td>X</td>
<td></td>
<td>New because of transponder FDCIO223</td>
</tr>
<tr>
<td></td>
<td>967</td>
<td>X</td>
<td></td>
<td>New because of transponder FDCIO223</td>
</tr>
<tr>
<td></td>
<td>968</td>
<td>X</td>
<td></td>
<td>New because of transponder FDCIO223</td>
</tr>
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<td></td>
<td>969</td>
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<td>New because of transponder FDCIO223</td>
</tr>
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<td>New because of transponder FDCIO223</td>
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<td>971</td>
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<td>New because of transponder FDCIO223</td>
</tr>
<tr>
<td>Selection Lists EP7F</td>
<td>954</td>
<td>X</td>
<td></td>
<td>GB4717 relevant</td>
</tr>
<tr>
<td></td>
<td>994</td>
<td>X</td>
<td></td>
<td>New FDM227 added, because of streamlining MCP</td>
</tr>
<tr>
<td></td>
<td>1017</td>
<td>X</td>
<td></td>
<td>New FDM227 added, because of streamlining MCP</td>
</tr>
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<td>X</td>
<td></td>
<td>New FDM227 added, because of streamlining MCP</td>
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<td></td>
<td>New FDM227 added, because of streamlining MCP</td>
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<td></td>
<td>1131</td>
<td>X</td>
<td></td>
<td>New FDM227 added, because of streamlining MCP</td>
</tr>
<tr>
<td></td>
<td>1152</td>
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<td></td>
<td>New FDM227 added, because of streamlining MCP</td>
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<td>1378</td>
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<td></td>
<td>New FDM227 added, because of streamlining MCP</td>
</tr>
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<td></td>
<td>1389</td>
<td>X</td>
<td></td>
<td>New because of transponder FDCIO223</td>
</tr>
<tr>
<td></td>
<td>1397</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1398</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1399</td>
<td>X</td>
<td></td>
<td>New Selection List for Transponder FDCIO223</td>
</tr>
<tr>
<td></td>
<td>1400</td>
<td>X</td>
<td></td>
<td></td>
</tr>
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<td></td>
<td>1401</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1403</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1404</td>
<td>X</td>
<td></td>
<td></td>
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<td></td>
<td>1405</td>
<td>X</td>
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<td>1408</td>
<td>X</td>
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<td>1409</td>
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<td></td>
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<td>1412</td>
<td>X</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>1413</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1414</td>
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<td>1415</td>
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<td>1418</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1419</td>
<td>X</td>
<td></td>
<td>New Selection List for Transponder FDCIO223</td>
</tr>
<tr>
<td></td>
<td>1420</td>
<td>X</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>1421</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1423</td>
<td>X</td>
<td></td>
<td>New Selection List for Transponder FDCIO223</td>
</tr>
</tbody>
</table>
### 9.4 Changes in Country Defaults

This chapter gives a short overview about the differences in Country Defaults between J0_114x_780_03 and J0_114x_790_02.

**New device Transponder FDCIO223 added**
The new Transponder has been added in the corresponding country defaults CC11 / 0 and CI11 / 0. Please refer to Delivery Release FD_06_002_DR_FDCIO223_en for further information.

**Changed default CT panel variant**
All corresponding country defaults have been set to the latest CT Panel variant called “12: B3Q661 // progr.”.

**Correction of I/O number on MS9i module**
See chapter 9.7.1 for further details.

### 9.5 Changes in Station Templates

This chapter gives a short overview about the differences in Station Templates between J0_114x_780_03 and J0_114x_790_02.

**New default CT panel type**
All corresponding station templates have been set to the latest CT Panel variant called “12: B3Q661 // progr.”.
9.6 Changes in BDV online help

The BDV online help has been extended to the new functionality. In addition, some corrections have been done in existing help topics.

New or changed help topics

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>Welcome to</td>
<td>GEN0_Welcome_to.HTM</td>
<td>Date modified</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Help Release Notes</td>
<td>GEN0_Help_Release_Notes.HTM</td>
<td>Updated document numbers</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Panel variants and indicators</td>
<td>BAI0_Panel_variants_and_indicators.htm</td>
<td>Updated panel information</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>I/O mode</td>
<td>FLD_1416.html</td>
<td>Content modified for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>coll. line type</td>
<td>FLD_1423.html</td>
<td>Content modified for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>channel no.</td>
<td>FLD_4430.html</td>
<td>New for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Coll Line: ALARM response / FAULT delay</td>
<td>FLD_4432.html</td>
<td>New for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>EVAC / OUTPUT mode</td>
<td>FLD_4433.html</td>
<td>New for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>ALERT mode</td>
<td>FLD_4434.html</td>
<td>New for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Sounder Line / output: load resistor</td>
<td>FLD_4435.html</td>
<td>New for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>sounder supervision delay [s]</td>
<td>FLD_4436.html</td>
<td>New for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>transponder channel type</td>
<td>FLD_4437.html</td>
<td>New for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>DE FD20 mod.</td>
<td>STR_1419.html</td>
<td>New for FDCIO223</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>FD20 transponder</td>
<td>STR_1437.html</td>
<td>New for FDCIO223</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.

9.7 Bug fixing

9.7.1 Wrong country default setting for MS9I I/O Module

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>FSP00024718</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hotline call</td>
<td>82888</td>
<td></td>
</tr>
</tbody>
</table>

Belongs only to BDV J0_1145_780_03 country defaults (and earlier CI1145 versions). If you look at MS9i mod. device it has two child nodes, on input and one output. The input has I/O no. ‘1’ and the output has I/O no. ‘0’.

**Correction**

The output I/O has been set to the correct value ‘2’. See also chapter 9.4 page 24.
10 BDVs J0_114x_800_01

10.1 Introduction / overview

BDV versions J0_1140_800_01 and J0_1145_800_01 support all new functions of the AlgoWorks V1.62 and embedded software 800.

The major changes compare to BDV J0_114x_790_02 are:

- Changes in standard text file
- Changes in ADD file
- Changes in Country Defaults
- Changed in Station Templates
- Changes in BDV online help

In order to minimize the effort for BDV country specific adaptations, some parts of the customizing process can be supported by headquarter. Please contact HQ (Product Manager) for detailed information.

10.2 Changes in standard texts file

This chapter lists the standard text differences between J0_114x_790_02 and J0_114x_800_01.

New texts:
45 "Active conf."
9002 "channel activation"
9003 "channel confirmation"
9004 "channel deactivation"
9005 "channel fault"
9006 "confirmation missing"

The new texts above are only relevant for Chinese panels e.g. B3Q565 and B3Q566.

Changed texts:
22104 " or TURN key switch"

The text is still the same but the number of spaces in front of it has been reduced. The text can now be showing completely on a comfort terminal (B3Q66x, B3Q68x). The Tool Coordinator is responsible for fitting the country language text to be shown on the used panels.

Deleted texts:
- none -
10.3 Changes in ADD file

This chapter gives a short overview about the differences in the AlgoWorks Data Definition (ADD) files between J0_114x_790_02.xls and J0_114x_800_01.xls. All changes are documented in detail directly in the ADD files in the additional columns ‘New’, ‘Changed’ and ‘Description’ in each of the sheets.

ADD file versions

<table>
<thead>
<tr>
<th>BDV:</th>
<th>File name:</th>
<th>Version no.</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1140</td>
<td>J0_1140_800_01.xls</td>
<td>1.50.00-000</td>
<td>2008-Mar-03</td>
</tr>
<tr>
<td>CS1145</td>
<td>J0_1145_800_01.xls</td>
<td>1.50.00-001</td>
<td>2008-Jun-19</td>
</tr>
</tbody>
</table>

Overview of the new / changed rows

For full details see the ADD files J0_1140_800_01.xls or J0_1145_800_01.xls. (The rows in brackets belong to J0_1145_800_01.xls.)

<table>
<thead>
<tr>
<th>Sheet:</th>
<th>Row:</th>
<th>New</th>
<th>Changed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fields EP7F</td>
<td>205 (205)</td>
<td></td>
<td>X</td>
<td>only for China, added text</td>
</tr>
<tr>
<td></td>
<td>405 (405)</td>
<td></td>
<td>X</td>
<td>Text changed</td>
</tr>
<tr>
<td>Selection Lists EP7F</td>
<td>389 (389)</td>
<td>X</td>
<td></td>
<td>New entry for Iceland (Q)</td>
</tr>
<tr>
<td></td>
<td>954 (954)</td>
<td></td>
<td>X</td>
<td>only for China, changed text</td>
</tr>
<tr>
<td></td>
<td>955 (955)</td>
<td></td>
<td>X</td>
<td>only for China, new entry</td>
</tr>
<tr>
<td>Array Indexes EP7F</td>
<td>-- (--)</td>
<td></td>
<td></td>
<td>No changes</td>
</tr>
<tr>
<td>Bitset Labels EP7F</td>
<td>86 (86)</td>
<td></td>
<td>X</td>
<td>Additional Text for China settings</td>
</tr>
<tr>
<td></td>
<td>87 (87)</td>
<td></td>
<td>X</td>
<td>Additional Text for China settings</td>
</tr>
<tr>
<td></td>
<td>104 (104)</td>
<td></td>
<td>X</td>
<td>New entry for Transponder</td>
</tr>
<tr>
<td></td>
<td>105 (105)</td>
<td></td>
<td>X</td>
<td>New entry for Transponder</td>
</tr>
<tr>
<td>Additional Labels EP7F</td>
<td>-- (--)</td>
<td></td>
<td></td>
<td>No changes</td>
</tr>
</tbody>
</table>

Overview of deleted rows

The content of the following row numbers existed in J0_114x_790_02.xls and were deleted in J0_114x_800_01.xls. (The rows in brackets belong to J0_1145_790_02.xls.)

<table>
<thead>
<tr>
<th>Sheet:</th>
<th>Row:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fields EP7F</td>
<td>1024 (1024)</td>
<td>Entry for FDCO221 deleted</td>
</tr>
<tr>
<td></td>
<td>1026 (1026)</td>
<td>Entry for FDCO221 deleted</td>
</tr>
<tr>
<td></td>
<td>1385 (1385)</td>
<td>Entry for FDCO221 deleted</td>
</tr>
<tr>
<td></td>
<td>1386 (1386)</td>
<td>Entry for FDCO221 deleted</td>
</tr>
<tr>
<td>Array Indexes EP7F</td>
<td>-- (--)</td>
<td>No rows deleted</td>
</tr>
<tr>
<td>Bitset Labels EP7F</td>
<td>-- (--)</td>
<td>No rows deleted</td>
</tr>
<tr>
<td>Additional Labels EP7F</td>
<td>-- (--)</td>
<td>No rows deleted</td>
</tr>
</tbody>
</table>
10.4 Changes in Country Defaults

This chapter gives a short overview about the differences in Country Defaults between J0_114x_790_02 and J0_114x_800_01.

Deleted devices types FDCO221 and FDCIO221
In earlier versions the device types FDCO221 and FDCIO221 were pre defined. Because such devices do not exist and there is no planning to do so, these device types have been deleted.

10.5 Changes in Station Templates

This chapter gives a short overview about the differences in Station Templates between J0_114x_790_02 and J0_114x_800_01.

Modification of infoclass for connections problems between C-Bus stations
All station templates have been modified in case of a bug. See chapter 10.7 page 29 for more details.

10.6 Changes in BDV online help

The BDV online help has been extended to the new functionality. In addition, some corrections have been done in existing help topics.

New or changed help topics

<table>
<thead>
<tr>
<th>New</th>
<th>Changed</th>
<th>Topic</th>
<th>Topic file name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>Welcome to</td>
<td>GEN0_Welcome_to.HTM</td>
<td>Date modified</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Help Release Notes</td>
<td>GEN0_Help_Release_Notes.HTM</td>
<td>Updated document numbers</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>ALERT sound / FLD0_1425</td>
<td>FLD0_1425.html</td>
<td>Updated about Synchronisation</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>EVAC sound / FLD0_1427</td>
<td>FLD0_1427.html</td>
<td>Updated about Synchronisation</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Structure numbers &amp; names / BAI</td>
<td>BAI0_Structure_numbers_names.htm</td>
<td>Updated structure numbers</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Password</td>
<td>FGR0_Passwords.html</td>
<td>Info about download to server</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Danger level mask</td>
<td>FLD0_1609.html</td>
<td>Info about the settings</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Coll.Line: ALARM response / FAULT delay</td>
<td>FLD0_4432.html</td>
<td>Info about transponder channel</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Criterion (FldNo) / FGR</td>
<td>FGR0_Criterion.html</td>
<td>Additional field 1791</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>I/O mode / FLD0_1416</td>
<td>FLD0_1416.html</td>
<td>Additional info about FDCIO223-Input</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>EL col. det. 2 / STR0_1511</td>
<td>STR0_1511.html</td>
<td>Updated time diagrams</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>EL col. det. 3 / STR0_1512</td>
<td>STR0_1512.html</td>
<td>Updated time diagrams</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td>Sounder supervision delay [s]</td>
<td>FLD0_4436.html</td>
<td>Updated info text</td>
</tr>
</tbody>
</table>

The flash icons in the compiled help file (*.chm) indicate where the changed topics can be found.
### 10.7 Bug fixing

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hotline call</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

**Bug description**

If the connection between C-Bus stations is faulty, the message "No communication to CBus station" appears. Unfortunately the remote transmission is not getting activated. This could be a problem if overlapping remote transmissions is programmed.

**Correction**

The corresponding settings have been adapted on all station templates. The infoclass of this message has been changed from 19: Fault 3 to 21: Fault 5. See also chapter 10.5 page 28 for further information.

---

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hotline call</td>
<td>95093</td>
<td></td>
</tr>
</tbody>
</table>

**Bug description**

In earlier BDV versions of EP7F, the FD20 in-/output modules such as FDCIO221 (1 in / 1 out) and FDCO221 (1 out) were predefined.

**Correction**

These devices were deleted in the corresponding Country Defaults for CC and CI. See also chapter 10.4 page 28 for further information.
11 Miscellaneous

11.1 Transponder FDCIO223 Restrictions

Using special index version
The Transponder FDCIO223 may only be used with index 41 or higher.

Channels used as sounder lines
Sounder tones are not synchronized between different Transponders devices on the same FDnet. However the two sounder lines on the same Transponder are synchronized.

Channels used as standard outputs
If the channels are defined as I/O’s, some settings about fail safe position can be set. If one of the following settings is used, the output does not work correctly in the current available Transponder version (index 41) during restart of an FDnet line.

- If both “4: output fail safe position: open” and “5: output fail safe position: closed” is not ticked.
- If only “5: output fail safe position: closed” is ticked.

If the FDnet line restarts and the contact is in closed position, it opens for about 3s instead of remaining closed during restart phase.

11.2 Necessary Sinteso line card versions

To be able to use the Transponder FDCIO223 correctly, it is necessary to have certain index version on the sinteso line cards. The following versions are necessary:

<table>
<thead>
<tr>
<th>Sinteso Line card type</th>
<th>Part number</th>
<th>Necessary index</th>
</tr>
</thead>
<tbody>
<tr>
<td>E3M140</td>
<td>A5Q00005602</td>
<td>Index 13</td>
</tr>
<tr>
<td>K3M140</td>
<td>A5Q00005982</td>
<td>Index 15</td>
</tr>
</tbody>
</table>

11.3 General bug fixing

<table>
<thead>
<tr>
<th>Bug description</th>
<th>Tracking no.</th>
<th>Hotline call</th>
<th>FSP00009318</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sounder Base (FDSB291) and Alarm Sounder (FDS221) are not synchronized on the same FDnet loop.</td>
<td>FSP00009318</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>Correction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The problem has been fixed. All Sounder Bases (FDSB291) and Alarm Sounders (FDS221) with index ES&gt;=30 are synchronized on the same FDnet loop. The online help has been improved as well.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
12 Update procedures

For detailed information about the update procedure, please see document [1] and [2].

Back up Please save the data before starting with update procedure.

12.1 Update to AlgoWorks configuration 1.60

12.1.1 File structure

The AlgoWorks setup version for EP7F-Z2.2 is V1.60.0-000. It is a full setup and the program version is 1.60. Parallel installations with older EP7F AlgoWorks versions are not possible. Therefore, the old EP7F AlgoWorks program version must be uninstalled before.

After installation, a new folder **AW1_6** has been created.

<table>
<thead>
<tr>
<th>Address</th>
<th>C:\Program Files\Siemens\AlgoWorks</th>
<th>Name</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Archive</td>
<td>File Folder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AW1_3</td>
<td>File Folder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AW1_4</td>
<td>File Folder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AW1_5</td>
<td>File Folder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AW1_6</td>
<td>File Folder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SDV</td>
<td>File Folder</td>
</tr>
</tbody>
</table>

Directory structure after installation
Update procedures

12.1.2 Re-use of excel files

The country adapted files MenuCfgData.xls and TextCfgData.xls can be re-used from the old path AW1_5, because no changes have been done. Copy the file from the old folder structure to the new one, to reuse them.

Do not forget to adapt the label of version and the correct date on properties tab.
12.1.3 Re-use of Site and Station Management Online-Help topics

New online help projects have been created during the AlgoWorks installation, but the old modified / translated topics can be re-used.

Copy your already modified / translated files from the old folder structure AW1_5 to the new structure AW1_6.

Do not forget to adapt / translate the new/changed help topics within the new structure. The flash icons in the compiled help file (*.chm) indicates where the new / changed topics can be found.
12.2 Update to AlgoWorks configuration 1.63 (Setup 1.63.0-000)

Unfortunately the setup version 1.63.0-000 does not include the necessary AlgoWorks online help source files in the corresponding folders.

Therefore the new setup version 1.63.1-000 must be carried out to update the AlgoWorks environment. Please see chapter 12.3, page 35 or chapter 12.4, page 38 for further information.
12.3 Update to AlgoWorks configuration 1.63 (Setup 1.63.1-000)

12.3.1 File structure

The AlgoWorks setup version for EP7F-Z2.2 is V1.63.1-000. It is a full setup and the program version is 1.63. Parallel installations with older EP7F AlgoWorks versions are not possible. Therefore, the old EP7F AlgoWorks program version must be uninstalled before.

After installation, the folder \AW1_6 has been reused.

<table>
<thead>
<tr>
<th>Directory structure after installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address: C:\Program Files\Siemens\AlgoWorks</td>
</tr>
<tr>
<td>Name</td>
</tr>
<tr>
<td>Archive</td>
</tr>
<tr>
<td>AW1_3</td>
</tr>
<tr>
<td>AW1_4</td>
</tr>
<tr>
<td>AW1_5</td>
</tr>
<tr>
<td>AW1_6</td>
</tr>
<tr>
<td>SDV</td>
</tr>
</tbody>
</table>
The country adapted files MenuCfgData.xls and TextCfgData.xls can be re-used from an older configuration. Copy the files from the old folder structure to the new one and update them. See chapter 5.2.2 page 13 for environment.

Do not forget to adapt the label of version and the correct date on properties tab.
12.3.3 Re-use of Site and Station Management Online-Help topics

New online help projects have been created during the AlgoWorks installation, but the old modified / translated topics can be re-used.

Copy your already modified / translated files from the old folder structure to the new structure.

<table>
<thead>
<tr>
<th>Old structure e.g. JX_06_CFG</th>
<th>New structure e.g. JX_07_CFG</th>
</tr>
</thead>
<tbody>
<tr>
<td>AW1_6</td>
<td>AW1_6</td>
</tr>
<tr>
<td>Bin</td>
<td>Bin</td>
</tr>
<tr>
<td>JX.cfg</td>
<td>JX.cfg</td>
</tr>
<tr>
<td>JX_06_CFG</td>
<td>JX_06_CFG</td>
</tr>
<tr>
<td>Bmp_FD20</td>
<td>Bmp_FD20</td>
</tr>
<tr>
<td>Bmp_FuList</td>
<td>Bmp_FuList</td>
</tr>
<tr>
<td>Bmp_log</td>
<td>Bmp_log</td>
</tr>
<tr>
<td>Bmp_phys</td>
<td>Bmp_phys</td>
</tr>
<tr>
<td>Bmp_sms</td>
<td>Bmp_sms</td>
</tr>
<tr>
<td>ConfigData</td>
<td>ConfigData</td>
</tr>
<tr>
<td>HelpData</td>
<td>HelpData</td>
</tr>
<tr>
<td>ReportData</td>
<td>ReportData</td>
</tr>
<tr>
<td>TC_Sources_CFG</td>
<td>TC_Sources_CFG</td>
</tr>
<tr>
<td>DEFINITIONS</td>
<td>DEFINITIONS</td>
</tr>
<tr>
<td>HELP_SOURCES</td>
<td>HELP_SOURCES</td>
</tr>
<tr>
<td>AlgoWorksInfo</td>
<td>AlgoWorksInfo</td>
</tr>
<tr>
<td>Converter</td>
<td>Converter</td>
</tr>
<tr>
<td>FlashToolGui_WinHelp</td>
<td>FlashToolGui_WinHelp</td>
</tr>
<tr>
<td>Sam</td>
<td>Sam</td>
</tr>
<tr>
<td>Sim</td>
<td>Sim</td>
</tr>
</tbody>
</table>

Do not forget to adapt / translate the new/changed help topics within the new structure. The flash icons in the compiled help file (*.chm) indicates where the new / changed topics can be found.
12.4 Update with setup 1.63.1-000 based on setup 1.63.0-000

Unfortunately after carrying out the setup version 1.63.0-000 the AlgoWorks online help topics are not included in the corresponding folders. Therefore the new setup version 1.63.1-000 must be carried out to update the AlgoWorks online help environment. Manually adaptation has to be done as well.

12.4.1 Checking which setup version is installed

To check which setup version has been carried out in the past, the dialog “About AlgoWorks” must be opened.

If you have already an AlgoWorks installation, which is based on the setup version V1.63.0-000, it will be possible to update your AlgoWorks environment in two ways.

- Uninstall the setup version 1.63.0-000 and install the new setup version 1.63.1-000 (Recommended if you have not done any country adaptations so far.)

- Update from 1.63.0-000 to 1.63.1-000 directly (Recommended if you have already done some country adaptations.)

12.4.2 Uninstall the setup version 1.63.0-000 and install 1.63.1-000

For detailed information about the update procedure, please see document [1] and [2].

Back up
Please save the data before starting with update procedure.
12.4.3 Update from setup version 1.63.0-000 to 1.63.1-000 directly

If you carry out the new AlgoWorks installation 1.63.1-000 directly, the following information will be shown during the setup sequence.

---

**AlgoWorks update info**

![Image of AlgoWorks update info]

Only the Tool Coordinator structure "/AW1_6/J0_cfg" will be updated with the online help topics. Earlier created country versions within the folder "AW1_6" have to be updated manually by copying the content into corresponding folders.

<table>
<thead>
<tr>
<th>structure J0_cfg</th>
<th>structure e.g. JX_07_CFG</th>
</tr>
</thead>
<tbody>
<tr>
<td>AW1_6</td>
<td>AW1_6</td>
</tr>
<tr>
<td>Bin</td>
<td>Bin</td>
</tr>
<tr>
<td>J0_cfg</td>
<td>J0_cfg</td>
</tr>
<tr>
<td>Bmp_FD20</td>
<td>Bmp_FD20</td>
</tr>
<tr>
<td>Bmp_Fstlist</td>
<td>Bmp_Fstlist</td>
</tr>
<tr>
<td>Bmp_log</td>
<td>Bmp_log</td>
</tr>
<tr>
<td>Bmp_phys</td>
<td>Bmp_phys</td>
</tr>
<tr>
<td>Bmp_sms</td>
<td>Bmp_sms</td>
</tr>
<tr>
<td>ConfigData</td>
<td>ConfigData</td>
</tr>
<tr>
<td>HelpData</td>
<td>HelpData</td>
</tr>
<tr>
<td>ReportData</td>
<td>ReportData</td>
</tr>
<tr>
<td>TC_Sources_CFG</td>
<td>TC_Sources_CFG</td>
</tr>
<tr>
<td>DEFINITIONS</td>
<td>DEFINITIONS</td>
</tr>
<tr>
<td>HELP SOURCES</td>
<td>HELP SOURCES</td>
</tr>
<tr>
<td>AlgoReyGlossary</td>
<td>AlgoReyGlossary</td>
</tr>
<tr>
<td>AlgoWorksInfo</td>
<td>AlgoWorksInfo</td>
</tr>
<tr>
<td>AlgoWorksTC</td>
<td>AlgoWorksTC</td>
</tr>
<tr>
<td>Converter</td>
<td>Converter</td>
</tr>
<tr>
<td>FlashToolGui_WirHelp</td>
<td>FlashToolGui_WirHelp</td>
</tr>
<tr>
<td>Sam</td>
<td>Sam</td>
</tr>
<tr>
<td>SIm</td>
<td>SIm</td>
</tr>
</tbody>
</table>

---

Do not forget to re-use older Online-Help topics. See chapter 12.3.3, page 37 for further information.

---

Do not forget to adapt / translate the new/changed help topics within the new structure. The flash icons in the compiled help file (*.chm) indicates where the new / changed topics can be found.
12.5 Update BDV Configuration

12.5.1 Update to xx_114x_790_xx

If some minor country modifications have to be done to get a country adapted version, it might be the best to create a new country version, based on international versions J0_1140_790_02 and J0_1145_790_02 and redo the minor changes on the new country version again.

If some major country modifications have to be done, the head quarter is able to re-use some parts from a BDV version based on J0_114x_780_03. Please contact HQ (Product Manager) for detailed information.

Please be aware that not all countries can be supported at the same time.

12.5.2 Update to xx_114x_800_xx

If some minor country modifications have to be done to get a country adapted version, it might be the best to create a new country version, based on international versions J0_1140_800_01 and J0_1145_800_01 and redo the minor changes on the new country version again.

If some major country modifications have to be done, the head quarter is able to re-use some parts from a BDV version based on J0_114x_790_02. Please contact HQ (Product Manager) for detailed information.

Please be aware that not all countries can be supported at the same time.

12.6 Update Embedded Software

12.6.1 Update to Embedded SW 790


12.6.2 Update to Embedded SW 800

Install the Standard Embedded SW setup Package 800. Follow the procedure described in document [2] ‘Embedded SW installation’.
The following documents have been updated and published on Siemens Intranet.

<table>
<thead>
<tr>
<th>New Document</th>
<th>Document name</th>
<th>Description / restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>008478_d_de</td>
<td>Vorgehen beim Planen einer Sinteso-Melderlinie</td>
<td>Adaptation of device names, deleted devices such as FDCO221 and FDCIO221.</td>
</tr>
<tr>
<td>008478_d_en</td>
<td>Procedure for the planning of a Sinteso detector line</td>
<td></td>
</tr>
<tr>
<td>001099_p_de</td>
<td>Baugruppenübersicht</td>
<td></td>
</tr>
<tr>
<td>001099_n_en</td>
<td>Overview of components</td>
<td>New E3H021 added, spare part lists updated</td>
</tr>
<tr>
<td>001260_n_de</td>
<td>Beschreibung Hardware, Einschübe</td>
<td>New E3H021 added</td>
</tr>
<tr>
<td>001260_m_en</td>
<td>Hardware description, modules</td>
<td></td>
</tr>
<tr>
<td>008725_f_de</td>
<td>Planen und Projektieren</td>
<td>E3H020 replaced by E3H021, spare part lists updated</td>
</tr>
<tr>
<td>008725_e_en</td>
<td>Planning</td>
<td></td>
</tr>
<tr>
<td>008726_b_de</td>
<td>Inbetriebsetzung Hardware</td>
<td>New E3H021 added, E3M220 deleted</td>
</tr>
<tr>
<td>008726_b_en</td>
<td>Commissioning of hardware</td>
<td></td>
</tr>
<tr>
<td>007645_h--__--</td>
<td>CS11.1, Inhalt des Handbuches</td>
<td>Updated document versions</td>
</tr>
<tr>
<td>007643_h--__--</td>
<td>CS11.2, Inhalt des Handbuches</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CS11.1, Content of manual</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CS11.2, Content of manual</td>
<td></td>
</tr>
</tbody>
</table>

The latest AlgoRex documentations are available on Siemens Intranet.