User's guide
for

VISONIK BAccess
VISONIK Building Automation Access

Palm application to operate VISONIK® process stations
# Table of contents

## Chapter 1  Before you start

- Chapter overview ................................................................. 5
- Target audience and purpose of this user's guide .................. 6
- Overview of BAccess ............................................................ 7
- Communication variants ......................................................... 8
- General features of the user interface ................................. 9
- Safety notes ........................................................................ 11

## Chapter 2  Installation and connection

- Chapter overview ................................................................. 13
- Installing BAccess ............................................................... 14
- Connection settings for the Palm ......................................... 15
- Direct serial connection ......................................................... 17
- Telephony connection .......................................................... 18
- Registering BAccess ............................................................ 19

## Chapter 3  "Process Stations" view

- Chapter overview ................................................................. 21
- Structure of the "Process Stations" view ............................... 22
- Loading process stations ..................................................... 23
- Viewing and changing details .............................................. 25
- Selecting a process station for operation ............................... 26
- Manually adding process stations ......................................... 28

## Chapter 4  "Data Points" view

- Chapter overview ................................................................. 31
- Structure of the "Data Points" view ....................................... 32
- Menu item "View / Group by" ............................................... 33
- Dialog boxes in the "Data Points" view ................................. 34
- The parameter list .............................................................. 35
- Changing parameter values ............................................... 36

## Chapter 5  "Favorites" view

- Chapter overview ................................................................. 37
- Structure of the "Favorites" view .......................................... 38
- Organizing favorites .......................................................... 39
- Organizing the "Favorites" view ........................................... 40
- Viewing and changing Favorites' details ............................. 41
- Moving favorites ............................................................... 42
- Summary: Organizing favorites .......................................... 43
Chapter 6  "Timeswitch Catalogs" view ................................................................. 45
  Chapter overview .............................................................................................. 45
  Structure of the "Timeswitch Catalogs" view ....................................................... 46
  Viewing destination point details ....................................................................... 47
  Special day catalog SDC .................................................................................... 48
  Editing the SDC special day catalog .................................................................. 49
  "Weekday / exception day program" view ............................................................ 50
  Editing WDC weekday programs ........................................................................ 52
  Editing EXC exception day programs ................................................................. 53
  Changing the operating time ................................................................................ 54
  Synchronizing ...................................................................................................... 55

Chapter 7  "Alarms" view ...................................................................................... 57
  Chapter overview .............................................................................................. 57
  Structure of the "Alarms" view ............................................................................ 58
  The "View / Options" menu commands ............................................................... 59
  Dialog boxes in the "Alarms" view ..................................................................... 60

Index ..................................................................................................................... 61

Revision history
The following changes were made compared to version 1.0 of BAccess, dated June 30, 2002:

<table>
<thead>
<tr>
<th>Title / Topic / Section</th>
<th>Change</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Favorites&quot; view</td>
<td>New section</td>
<td>37..43</td>
</tr>
<tr>
<td>Communication variants</td>
<td>Linked system</td>
<td>8</td>
</tr>
<tr>
<td>Telephony connection</td>
<td>Infrared or Bluetooth as an option</td>
<td>18</td>
</tr>
<tr>
<td>Registering BAccess</td>
<td>Duration of demo operation, function</td>
<td>19</td>
</tr>
<tr>
<td>Viewing and changing details</td>
<td>Password no longer visible</td>
<td>25</td>
</tr>
<tr>
<td>Online operation and economy mode</td>
<td>No sleep mode when online</td>
<td>27</td>
</tr>
<tr>
<td>Structure of the &quot;Data Points&quot; view</td>
<td>&quot;Favorites&quot; category dismissed.</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>New: &quot;Favorites&quot; button.</td>
<td></td>
</tr>
<tr>
<td>The parameter list</td>
<td>New: &quot;Favorites&quot; button.</td>
<td>35</td>
</tr>
<tr>
<td>Synchronizing</td>
<td>Additional explanations</td>
<td>55 / 56</td>
</tr>
<tr>
<td>Structure of the &quot;Alarms&quot; view</td>
<td>Alarm background, time</td>
<td>58</td>
</tr>
</tbody>
</table>

Document version
This document version dated November 15, 2002 describes BAccess; version 1.10.
# Chapter 1 Before you start

## Chapter overview

### Introduction

This chapter contains information on:

- The purpose of this user's guide.
- The key features of BAccess.
- Important safety information.

### Topics in this chapter

Go to the following pages to find information on the individual topics of this chapter:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target audience and purpose of this user's guide</td>
<td>6</td>
</tr>
<tr>
<td>Overview of BAccess</td>
<td>7</td>
</tr>
<tr>
<td>Communication variants</td>
<td>8</td>
</tr>
<tr>
<td>General features of the user interface</td>
<td>9</td>
</tr>
<tr>
<td>Safety notes</td>
<td>11</td>
</tr>
</tbody>
</table>
## Target audience and purpose of this user's guide

<table>
<thead>
<tr>
<th>Target audience</th>
<th>This user's guide targets the following audience:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operators</td>
<td>Operators of VISONIK systems (BPS process stations).</td>
</tr>
<tr>
<td>Technicians</td>
<td>VISONIK service technicians working for SBT, Building Automation.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Assumptions</th>
<th>We assume that you are familiar with the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palm operation</td>
<td>General operation of a Palm (see manufacturer's manual).</td>
</tr>
<tr>
<td>Computing</td>
<td>Computing knowledge related to the Palm.</td>
</tr>
<tr>
<td>Specific knowledge</td>
<td>Specific, technical know-how on the plants to be operated.</td>
</tr>
<tr>
<td>data point</td>
<td>Data point operation in VISONIK BPS.</td>
</tr>
<tr>
<td>operation</td>
<td>Operation of timeswitch catalogs in VISONIK BPS.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Purpose of this user's guide</th>
<th>This user's guide serves the following purposes:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• It helps the target audience operate VISONIK BPS process stations using BAccess, and in particular:</td>
</tr>
<tr>
<td></td>
<td>Data points, alarms, timeswitch programs via direct connection as well as via remote connection (telephony).</td>
</tr>
<tr>
<td></td>
<td>• Self-study, introduction to the product, and reference.</td>
</tr>
</tbody>
</table>

| Version | This user's guide describes version 1.10 of BAccess. |

<table>
<thead>
<tr>
<th>Notice on use</th>
<th>Users who fulfill the above assumptions can use BAccess largely intuitively. However, we recommend that you still read the following chapter to obtain maximum safety and security and achieve a successful start:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Chapter 1 &quot;Before you start&quot; (this chapter).</td>
</tr>
<tr>
<td></td>
<td>• Chapter 2 &quot;Installation and connection&quot;.</td>
</tr>
<tr>
<td></td>
<td>The table of contents, the chapter overview, and the index help you locate information immediately, and provide information on further functionality and operating steps.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Further documentation</th>
<th>Depending on your knowledge, the following documents may help:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Palm manual.</td>
</tr>
<tr>
<td></td>
<td>• VISONIK BPS user’s guide.</td>
</tr>
<tr>
<td></td>
<td>• Palm modem manual (or manual on external modem).</td>
</tr>
</tbody>
</table>
**Overview of BAccess**

**What is BAccess?**

*BAccess* is an attractive and compact solution to operate technical installations in a building by using a Palm or Palm-compatible organizer such as a PDA (personal digital assistant).

**Special features**

Special features of *BAccess* are:
- Comfortable, mobile operation on site.
- Fast and easy operation of VIsonik BPS process stations.
- Special operation of the timeswitch catalogs with simulated preview.
- Operation of different systems within the designated area, from one location, on site or via telephony.
- Largely independent software including dialog box customization such as for online/offline operation, detecting of process stations, etc..

**Operation and navigation**

The following diagram shows the operating scope of *BAccess* with the main windows and navigation.

![Diagram showing BAccess operating scope with main windows and navigation.]

**Explanations (Illustration)**

*BAccess* offers five different views. You can switch views by selecting the associated buttons. The "Data Points" and "Alarms" views provide access to the parameter list.

Short description of the functions and operating options:

<table>
<thead>
<tr>
<th>View</th>
<th>Functions and operating options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process Stations</td>
<td>Administer process station data in <em>BAccess</em>. Select a process station and open a connection. Load process stations:</td>
</tr>
<tr>
<td>Data Points</td>
<td>View main values of the data points. Group data points by plants, point types, or by user. Change values via the parameter list.</td>
</tr>
<tr>
<td>Favorites</td>
<td>View and edit data point and parameter favorites.</td>
</tr>
<tr>
<td>Timeswitch catalogs</td>
<td>View and edit timeswitch catalogs. Change the operating time. Edit the special day catalog, weekday and exception day programs.</td>
</tr>
<tr>
<td>Alarms</td>
<td>View, find, and update alarms. Change values via the parameter list.</td>
</tr>
</tbody>
</table>

For a detailed description, refer to the chapters describing the individual views.
Communication variants

Introduction

The two basic methods for communication in BAccess are:

- Serial. (A)
- Telephony. (B)

Furthermore, we distinguish between the following connection:

- To process stations that can be reached directly.
- To process stations that can be reached indirectly.

Illustration

The illustration below shows the different cases:

Explanations (illustration)

The communication variants are:

<table>
<thead>
<tr>
<th>Variant</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Serial:</td>
</tr>
<tr>
<td></td>
<td>- Local connection to a process station (BPS 200’5) on the building level network (SDLC ring, autonomous or with higher DCS).</td>
</tr>
<tr>
<td></td>
<td>- Further connection from the direct-connected process station (BPS 200’5) to another station on the same ring (BPS 200’10) or for a linked system (BPS 210’1). BAccess uses DUS in the background based on the address.</td>
</tr>
<tr>
<td>B</td>
<td>Telephony:</td>
</tr>
<tr>
<td></td>
<td>- Modem connection to an autonomous process station or tele-PS (BPS 134’3).</td>
</tr>
<tr>
<td></td>
<td>- Modem connection to a process station (BPS 140’8) on a separate ring.</td>
</tr>
<tr>
<td></td>
<td>- Further connection from the BPS to a partner station on the same ring (BPS 140’31) via DUS. BAccess uses DUS in the background based on the address.</td>
</tr>
</tbody>
</table>

Definition of direct and indirect connections

Definitions:

- Direct connections (grayed) are between the Palm and the respective process station, locally via a serial cable or telephony.
- Indirect connections are DUS connections via a direct-connected process station (local or telephony) to a partner station on the same ring.
General features of the user interface

Introduction

The general features of the user interface in BAccess are:

- Orientation help: Where am I?
- Categories
- Progress indicator
- Find

Basic view

The following diagram shows the basic view of BAccess, i.e., the Process Station view, as it appears, for example, after selecting an item from the application window:

Orientation help

The orientation help tells you where you are in BAccess at any given time, and what kind of information is displayed:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Title for the window contents displayed. Shown: BAccess = Start window / top hierarchy.</td>
</tr>
<tr>
<td>B</td>
<td>Display of the active view. Shown: &quot;Process Stations&quot; view. The different views also contain buttons to change to another view.</td>
</tr>
<tr>
<td>C</td>
<td>Active communication. Shown: Serial (direct) communication to process station 254'5.</td>
</tr>
<tr>
<td>D</td>
<td>You have selected this process station.</td>
</tr>
<tr>
<td>E</td>
<td>The address for the process station that can be reached from 254'5 via DUS is displayed in bold letters.</td>
</tr>
</tbody>
</table>

Categories

BAccess extensively uses categories to structure information. Shown above: Category "All".

Progress indicator

The progress indicator shows the progress when loading a process station in BAccess, e.g. for the texts:

The progress indicator appears at the bottom of the view above the buttons.

Caution

Do not try to carry out further operations while the progress indicator is active: During this time, BAccess does not execute any commands. Instead, the commands are saved and executed in part afterwards!

Continued on next page
General features of the user interface, cont.

Find

Field to search for text within the active list (the view normally only shows a small part of the respective list):

The Find function goes from one entry to the next and highlights the entry.
Safety notes

**Intended use**

*BAccess* helps diagnose and operate technical plants in buildings via VISONIK process stations.

**Operational hazards**

If used as intended, *BAccess*, the process stations, and any devices connected do not represent operational hazards. However, residual risk may exist in technical and mechanical installations in buildings if information on properly changing limit values, etc. is not observed as specified by the plant documentation, and if at the same time, the safety equipment is not installed or is ineffective in the building. For this reason:

- Observe all information specified in the plant documentation.
- Only carry out operator tasks whose consequences you know.

Devices and/or plant parts installed in the building may represent other additional hazards. Refer to your plant documentation or the respective manufacturer's information.

**Caution**

Users having access rights KEY2 and KEY3 can irreparably change or delete process station data!

**General safety notes**

Observe not only the above safety notes but also all local safety regulations such as general regulations on workplace safety for work on panels. Disregarding safety notes or regulations may result in physical injury or property damage.
Chapter 2  Installation and connection

Chapter overview

Introduction

This chapter contains information on the following topics:

- Installing *BAccess* on your Palm.
- Customizing connection settings to communicate with VISONIK process stations.
- Establishing hardware connections.
- Registering *BAccess*.

Topics in this chapter

Go to the following pages to find information on the individual topics of this chapter:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installing <em>BAccess</em></td>
<td>14</td>
</tr>
<tr>
<td>Connection settings for the Palm</td>
<td>15</td>
</tr>
<tr>
<td>Direct serial connection</td>
<td>17</td>
</tr>
<tr>
<td>Telephony connection</td>
<td>18</td>
</tr>
<tr>
<td>Registering <em>BAccess</em></td>
<td>19</td>
</tr>
</tbody>
</table>
Installing BAccess

Equipment requirements
You need the following equipment to install and run BAccess:

- Palm or Palm-compatible PDA with:
  - Palm OS = version 3.3 (limited functionality from 3.0).
  - Serial interface (V24) and/or modem.
  - 2 MB free, available memory.
- Desktop software (HotSync) to install the application.
- Cable/modem.

Installation files
You can order BAccess from Siemens Building Technologies AG, Building Automation.
The following files are delivered for BAccess:

- File A: BAccess.prc (language-dependent).
- File B: ViDB_GlbTextDB.PDB (language-dependent).
- File C: ViDB_CTYPDefDB.PDB
- File D: User's guide (language-dependent).

Installation
Proceed as follows to install BAccess:

1. Read chapters 1 and 2 of this user's guide.
2. Install the application, and run a HotSync.

Result
The BAccess icon is displayed on the application selection of your Palm:

What's next?
Continue with the following topics:
- "Connection settings for the Palm"
- "Direct serial connection" or "Connection for telephony".

Note
If you want to first register your product, go to the end of this chapter and read topic "Registering BAccess".
Connection settings for the Palm

Your Palm (from OS V3.3) contains preconfigured communication profiles for different types of connections. Access the profiles as follows:

1. In the application selection, select Preferences:
   → The standard Preferences view opens.
2. Select the Connection category from the drop-down list box:
   → All available configurations are displayed:

![Preferences view](image)

Select the profiles from this selection and adjust to communication with the process stations using BAccess. We recommend that you create two separate profiles:

- **VISONIK serial**, for direct connection using a serial cable.
- **VISONIK telephony**, for connection via modem/telephony.

Follow the instructions below to set up the profiles.

**VISONIK serial communication profile**

Proceed as follows to create the "VISONIK serial" profile:

1. Select New in the Preferences / Connection view:
   → The Edit dialog box opens.

![Edit dialog box](image)

2. Enter VISONIK serial in the Name field.
3. Select Serial to PC from the Connection Method drop-down list box:
4. Select Details:
   → The Details dialog box opens.

![Details dialog box](image)

5. Select 4800 bps from the Speed drop-down list box:
6. Keep Automatic as the setting in the drop-down list box for Flow Ctl.
7. Confirm the settings in the Details and Edit dialog boxes by selecting OK:
   → The profile is saved and the settings are now listed in the Preferences view.

Continued on next page
Connection settings for the Palm, continued

Proceed as follows to create the "VISONIK Telephony" profile:

1. Select **New** in the **Preferences / Connection** view:
   → The **Edit** dialog box opens:

   ![Edit dialog box](image1)

   1. Select **New** in the **Preferences / Connection** view:
      → The **Edit** dialog box opens:

   ![Edit dialog box](image2)

   2. Enter **VISONIK Telephony** in the **Name** field.

   3. Select **Serial to Modem** in the **Connection Method** drop-down list box and suitable values for **Dialing** and **Volume**.

   4. Select **Details**:
      → The **Details** dialog box opens.

   ![Details dialog box](image3)

   5. Select **4800 bps** in the **Speed** drop-down list box (or according to your modem information).

   6. Keep **Automatic** for **Flow Ctl**.

   7. Enter command "**AT&FX4**" in the **Init String** field.

   Note: If you have problems with communication, refer to your modem manual.

   8. Confirm the settings in the **Details** and **Edit** dialog boxes by selecting **OK**:
      → The profile is saved and the settings are now listed in the **Preferences** view:

   ![Preferences view](image4)
Direct serial connection

Introduction
The following section describes how to set up a direct, serial connection (physically) between your Palm and a process station.

Connection diagram
The following illustration shows how to set up a direct, serial connection:

Material required
To set up a connection, you need:
- 1 SIEMENS tool adapter PVW2.3F.
- 1 adapter / serial cable for the Palm (HotSync cable).

Note
If you do not have such a cable or unable to buy such a cable, contact Siemens Building Technologies AG, Building Automation.

Setting up a connection
Set up connection as follows:
1. Plug in the SIEMENS tool adapter in the BPS tool interface.
2. Connect the serial interface of the Palm to the tool adapter via the serial cable/adapter.
3. Turn on the Palm.

For further procedures, go to chapter 3, "Process Stations view".
Telephony connection

Introduction
The following section describes how to set up a telephony connection (physically) between your Palm and a process station.

Connection diagram
The following illustration shows how to set up a telephony connection:

Material required
To set up a telephony connection, you need:
- One Palm modem + telephone cable (A)
- One external, analog modem + serial cable + telephone cable (B)

Setting up a connection
Set up connection as follows:
1. Connect the Palm modem (or external, analog modem) to the Palm.
2. Connect the modem to the telephone connection.
3. Turn on the Palm.

For further procedures, go to chapter 3, "Process Stations view".

Note
You can open a telephony connection also using infrared or Bluetooth on your cellular phone. However, the cell phone and the Palm must be equipped accordingly and the Palm must have Palm OS V3.5. For detailed information, read the manuals or go to the manufacturer's homepage.
Registering BAccess

Situation

If you have not yet registered your BAccess and you start your Palm from the application selection, the licensing dialog box first opens:

The dialog box shows for how many more of the 28 trial days you can use BAccess with full functionality.

Proceed as follows:
– Either select Close:
  → The “Process Stations” view opens.
– Or register as described below.

Notes

You can also open the licensing dialog box if you select the “Process Stations” view, and then Licensing Info.

Once the trial period for demo operation expires, BAccess continues to work, but without communication to the process station.

Registering

Proceed as follows to register BAccess:

1. Write down the Site code (8, 8, 4-digit).
2. Send the Site code to the point of contact at Siemens.

You will then receive:
– one License number (8, 8, 4-digit), and
– one Site key (8, 4-digit).

3. After you receive the keys, go to the BAccess license dialog box.
4. Enter the keys as shown below.
5. Select Register:
  → The Register button disappears and Unregister is displayed.
  → The status bar shows the message “Successfully registered”.

Result

You can now use BAccess at any time and without restrictions.

Please note the following information on changing the Palm, firmware downloads, etc..

Continued on next page
Registering BAccess, continued

Careful with certain operations

In some cases you will have to first create a return key and then reregister. Otherwise, registration is lost!

This is true if you want to do the following:

– Change the Palm.
– Carry out a hard reset.
– Change the user name for "HotSynch".
– Load a new operating system.

Before you carry out any one of the above operations, generate a return key in BAccess as described below.

Return key / new registration

Proceed as follows to create a return key:

1. Select Unregister in the BAccess license dialog box.
   → This creates a Return key (8, 4-digit).
2. Send the Return key to the point-of-contact at Siemens together with the License number and the newly generated Site code.
   → The point-of-contact at Siemens will then issue you another Site key.
3. Carry out the operation as desired.
4. Reregister BAccess as described above.

No return key was created!

Please note the following with regard to the return key:

– If you cannot create a return key because, for example, you have lost your Palm or it was stolen, the associate registration is lost also!
– In this case, you can carry out two emergency registrations using the same number, i.e., you can request another Site key twice.
– After you have used up all registrations, you must buy a new license.

Caution!

Tampering with licensing information or trying to circumvent registration is easy to track and will result in a loss of license.

This especially applies to tampering with the date during the trial period, which will terminate immediately following tampering.
Introduction

This chapter describes the "Process Stations" view. This view allows you to:

- Load the desired process station data in BAccess.
- Administer the data loaded.

The illustration below provides an overview of these processes:

Topics in this chapter

Go to the following pages to find information on the individual topics of this chapter:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure of the &quot;Process Stations&quot; view</td>
<td>22</td>
</tr>
<tr>
<td>Loading process stations</td>
<td>23</td>
</tr>
<tr>
<td>Viewing and changing details</td>
<td>25</td>
</tr>
<tr>
<td>Selecting a process station for operation</td>
<td>26</td>
</tr>
<tr>
<td>Manually adding process stations</td>
<td>28</td>
</tr>
</tbody>
</table>
Structure of the "Process Stations" view

Introduction
This topic describes the following:
• Structure of the "Process Stations" view.
• Available buttons.

The view
The following illustration shows a view with process stations:

The elements
Special elements of the "Process Stations" view.

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process stations entries</td>
<td>The entries are listed from top to bottom with ascending addresses:</td>
</tr>
<tr>
<td></td>
<td>– Address (left): Example: 140’29</td>
</tr>
<tr>
<td></td>
<td>(140 = System number, 29 = Station number).</td>
</tr>
<tr>
<td></td>
<td>– Name (right): Example: Community Center, Heating.</td>
</tr>
<tr>
<td>Buttons</td>
<td>To connect and disconnect:</td>
</tr>
<tr>
<td>( ) and ( )</td>
<td>Display if connected or not.</td>
</tr>
<tr>
<td>Button New</td>
<td>To add a new process station to the list (and database) of BAccess.</td>
</tr>
<tr>
<td>Button Details</td>
<td>To view detailed information on the selected process station.</td>
</tr>
</tbody>
</table>

Notes on the entries
Please note the following on the entries:
– If during engineering a name is assigned to the process station, the name appears in this view and you cannot change it via Details (comment).
– If there is no name, you can assign any name (max. 80 characters) via Details (comment).
– If the system number = zero, only the station number is shown.
– If you want to know if a process station was simply added to the list, or if your data has already been loaded, go to the "Data Points" view.
Loading process stations

Introduction
When you open BAccess for the first time from the selection menu of the Palm, the "Process Station" view is empty:

In order to operate a process station, you must first open a connection to it and load the operation-related configuration data. These data are: Data points, texts, timeswitch catalogs, POP cards.

Note
To create a basis for all process stations you want to administer, we recommend that you load each process station on site via a direct, serial connection (fastest and most reliable method). For this reason, the instructions below first focus on this type of loading. Then, there will be a set of instructions for a dial-up connection (telephony).

Important
Make sure that no existing entry is highlighted in the "Process Stations" view.

Procedure for serial connection
Proceed as follows to load a direct-connected process station:

1. Select the "Process Stations" view:
   → The Scan for Process Station dialog box opens:

2. Select the desired options for a Serial connection and baud rate 4800 from the drop-down list boxes.
   Note: If you select Scan baud rate, BAccess tries to find the matching baud rate to the partner device based on the set value.

3. Enter the password if required in field Key 2..3.

4. Select OK:
   → BAccess opens a connection and scans for the process stations.
   → After the scan is complete, the following dialog box appears with the information on the process station found (here "$d5"):

5. Confirm the question by selecting Yes:
   → The operation-relevant data is loaded to BAccess.
   → The progress indicator informs you on the progress of the loading process.
   Note: This process may take a few minutes.

Continued on next page
After the download is complete, the process station is listed in the "Process Stations" view with name and address. The first line of the name is highlighted:

The process station data is now saved to the Palm and available for operation. The connection remains open, display e.g.: "Serial: 254'5".

**Note**

If an entry only shows the address of the process station, no name was assigned to the process station during engineering. You can add any name. See "Viewing and changing details" below.

**Disconnecting**

To disconnect, select . This closes the connection and logs you off orderly (access protection).

**Procedure for telephony**

The procedure for telephony in principle is the same as for the serial connection. Only the Scan for process station dialog box is different. Proceed as follows:

1. Select in the "Process Stations" view:
   → The Scan for Process Station dialog box opens:

2. Select the desired options from the drop-down list box for Telephony and VISONIK Telephony.
3. Enter the telephone number in the Phone field.
4. Enter the System number in the System number field.
5. Enter the password if required in field Key 2..3.
6. Select OK:
   → BAccess opens a connection, scans for the process station and loads it if you select Yes in the associated dialog box.
   → The result is the same as for the serial connection above.

**System number**

Contrary to the process station number, the system number must exist/be entered during detection using telephony.
Viewing and changing details

Viewing details

If you highlight an entry in the “Process Stations” view, and then select Details, the Process Stations Details dialog box opens:

This dialog box contains all information entered for the process station selected.

Changing details

In principle, you can change any one of the previous entries. However, below is a description of only the functions not mentioned or only briefly mentioned in this chapter:

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
</table>
| Category | Per default, the following is available in the Palm: Unfiled and Edit Category.  
– Unfiled is the default setting and means that the respective element is not assigned to any specific category.  
– Use the Edit Category dialog box to create your own categories and assign the process stations accordingly. |
| Connection | You can define 1 to 3 connections using the preconfigured communication profiles (VISONIK serial, VISONIK telephony, etc.) for each process station. The most important/common connection is Connection 1, as it is used as a default on connection. See chapter below. |
| Password | If you enter a password in the Scan for Process Station dialog, asterisks are displayed instead of the actual password. You can change or delete the password. |
| Comment | This field allows you to enter max. 80 characters of text (name of the BPS/additional designation). |
| Reload | This function is used if you changed the configuration of the respective process station.  
Select Reload to reload the process station:  
– Immediately, if during online operation.  
– Otherwise, select Cancel and connect. |
| Delete | Deletes the associated process station after a confirmation message. |
Selecting a process station for operation

Introduction

Below is a description of the different cases to select a process station for operation. We differentiate between the following:

- **Online operation:** There already is a data connection.
- **Offline operation:** There is no data connection to a process station.

Online operation

The starting point is the "Process Stations" view. We differentiate between the following:

- The process station is selected
- No process station is selected.

The process station is selected

The three cases for selected process stations are:

<table>
<thead>
<tr>
<th>Selected PS ...</th>
<th>Procedure to connect</th>
</tr>
</thead>
</table>
| can be reached directly, not yet connected (254'5) | 1. Select the desired process station.  
   → The **Connect with:** 254'5 dialog box opens.  
   2. Select OK.  
   → **BAccess** connects to 254'5, see illustration above. |
| can be reached indirectly, in the same system (254'10) | 1. Select the desired process station.  
   2. Select [ ] or [ ].  
   → The Connect with: 254'10 progress indicator is displayed.  
   → **BAccess** connects to 254'10 in the background.  
   **Important:**  
   – An indirect connection is opened only if there is an existing data connection to a direct-connected partner station.  
   – Afterwards, the procedure can be repeated for every other process station within the same system (i.e. with the same system number). In this case, **BAccess** disconnects the indirect connection and reopens it. |
| can be reached directly, in another system (134'3) | 1. Select the desired process station.  
   2. Select [ ] or [ ].  
   → The existing connection is disconnected.  
   → The **Connect with:** 134'3 dialog box opens.  
   3. Replug the connection.  
   4. Select OK.  
   → **BAccess** connects to 134'3. |

No process station selected

If no process station is selected, the **Scan for Process Station** dialog box opens after you select [ ].

Continued on next page
Selecting a process station for operation, continued

Open connection

As soon as there is an open connection to the desired process station, the associated data points, alarms, and timeswitch catalogs can be operated by selecting the respective buttons.

When you change to one of these views, BAaccess makes sure that the connection to the selected partner station is open and still valid.

Offline operation

The "Process Stations" view is also the starting point for operation in offline operation. To operate, the respective process station must be selected:

Proceed as follows:
1. Select the desired process station.
2. Select , , , or .
   → The selected view opens.

You can change between views without opening a connection.

Using offline operation

Use offline operation to do the following:
- View alarms (status of last update).
- Edit timeswitch catalogs.
- Structure data points by categories.
- Organize the "Favorites" view.

Online operation and Economy mode

If BAaccess is in online operation, it suppresses the Palm's economy mode. This is done to prevent an interrupting and reestablishing e.g. a telephony connection.

Thus: If BAaccess is in online mode, the economy mode ("Auto off") is disabled!
Manually adding process stations

Application

The method to manually add process stations is used to add to BAccess data of process stations that cannot be reached directly.

Procedure

Proceed as follows to manually add a process station:

1. Select New in the "Process Stations" view:
   → The Process Stations Details dialog box opens.

   ![Process Stations Details Dialog]

   BA26en

2. Enter the System number and the address of the process station that is not direct-
   connected (e.g. 254'10).

3. Select a Category (or create a new one).

4. Enter the password if required in field Key 2..3.

5. Do not complete the Comment field (BAccess reads the name of the process station and enters it in the "Process Stations" view).

6. Select OK.

Result

The process station is listed in the "Process Stations" view, but only by its system number and address (254'10), without comment.

Loading the process station data

Manually adding the process station only added the process station in the list. In order to load its data, proceed as follows:

1. Connect the Palm to a direct connected and previously loaded partner station on the same SDLC ring (e.g. 254'5).

2. Select the station in the "Process Stations" view.

3. Select ➔:
   → The Connect with: 254'5 dialog box opens.

4. Select OK:
   → The connection is opened and confirmed: Serial: 254'5 and ➔.

5. Select the process station 254'10.

6. Select the button to go to the "Data Points" view:
   → Following the progress indicator "Connect to Ring Station 10", the Process Station not loaded dialog box with the process station address ($d10) opens and asks if the process station should be loaded.

7. Select Yes:
   → The data of the process station is loaded to BAccess.
   → The progress indicator informs you on the progress of the loading process.

Note

This process requires more time, as the data is loaded via an indirect connection (DUS).

Continued on next page
<table>
<thead>
<tr>
<th>Loading results</th>
<th>After successful loading the data, the &quot;Data Points&quot; view is displayed, and the main values of the data points are updated and displayed. The connection remains open, the process station can be operated.</th>
</tr>
</thead>
</table>
| Disconnecting | Proceed as follows to disconnect:  
1. Select "Process stations".  
2. Select ![button](button.png) |
Chapter 4  "Data Points" view

Chapter overview

Introduction

This chapter describes the "Data Points" view. This view allows you to:

- View the main values of the data points.
- Group data points by plants or point types.
- Change parameter values.

The illustration below provides an overview of these processes:

Topics in this chapter

Go to the following pages to find information on the individual topics of this chapter:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure of the &quot;Data Points&quot; view</td>
<td>32</td>
</tr>
<tr>
<td>Menu item &quot;View / Group by&quot;</td>
<td>33</td>
</tr>
<tr>
<td>Dialog boxes in the &quot;Data Points&quot; view</td>
<td>34</td>
</tr>
<tr>
<td>The parameter list</td>
<td>35</td>
</tr>
<tr>
<td>Changing parameter values</td>
<td>36</td>
</tr>
</tbody>
</table>
Structure of the "Data Points" view

Introduction

This topic describes the following:

- Structure of the "Data Points" view.
- Available buttons/functions.

The view

The illustration below shows the "Data Points" view:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data point entries</td>
<td>The entries are listed from top to bottom in ascending, alphabetical order:</td>
</tr>
<tr>
<td></td>
<td>– Designation and address (left): Example: <strong>ML $020</strong>.</td>
</tr>
<tr>
<td></td>
<td>– Associated text next to it: Example: H.W.S. Boiler</td>
</tr>
<tr>
<td></td>
<td>– Main value of the point (right): Example: Normal.</td>
</tr>
<tr>
<td>Note:</td>
<td>Until the main values are updated through <strong>BAccess</strong>, three question marks &quot;??&quot; are displayed instead (online operation).</td>
</tr>
<tr>
<td>Categories</td>
<td>In the &quot;Data Points&quot; view, <strong>BAccess</strong> provides the special categories for the Palm standard categories. These are depending on the group selected:</td>
</tr>
<tr>
<td></td>
<td>– Categories by point type (default).</td>
</tr>
<tr>
<td></td>
<td>– Categories by plant.</td>
</tr>
<tr>
<td>Button Find</td>
<td>To find a particular data point / data point text.</td>
</tr>
<tr>
<td>Button Details</td>
<td>To view detailed information on the selected data point.</td>
</tr>
<tr>
<td>Button Change</td>
<td>Opens the dialog box to change the main value of the selected data point.</td>
</tr>
<tr>
<td>Button Params</td>
<td>To view the parameter list for the selected data point.</td>
</tr>
<tr>
<td>Button ( corazón)</td>
<td>To insert data points in the &quot;Favorites&quot; view.</td>
</tr>
</tbody>
</table>

The dialog boxes on the individual elements are described in the following topics.
**Menu item "View / Group by"**

### Introduction

The menu commands of the View menu allow for grouping the loaded data points by the following criteria:

- Plants.
- Point type.
- User-defined.

### Group by Plants

Proceed as follows to group by plants:

1. Press the menu button on the Palm in the "Data Points" view (or select the menu bar):
   - The View menu opens:

   ![View menu](BA29en)

   1. Select **Group by Plants**:
      - The progress indicator opens (Please wait..).
      - BAccess groups the plants and shows the categories created:

   ![Groups](BA30en)

   2. Select the desired category.
      - BAccess lists the view accordingly.

2. Use the above procedure to group plants in order to group by point types. As a result, BAccess shows the categories created by point types.

### User-defined groups

Create your own categories via the Edit categories dialog box and then assign the points by selecting and assigning them in the Data Point Details dialog box.

### Notes

- You can successfully group by plants only if the associated assignment was made during engineering.
- A data point can be assigned to one category only.
Dialog boxes in the "Data Points" view

Data Point Details
The Data Point Details dialog box allows you to assign a data point to another category. Proceed as follows:

1. Select the desired data point
2. Select Details:
   → The Data Point Details dialog box opens.
3. Change the category in the drop-down list box and select OK.

Find data points
The Find function in the "Data Points" view allows you to search for any alphanumerical text within the data point list. Proceed as follows:

1. Enter the search text in the Find field.
2. Select Find:
   → The message "Please wait.." appears.
   → The text first found is highlighted.
3. Every time you select Find, BAccess looks for the next match and highlights it. The scroll bar position also shows the location in the list.

Notes
In addition to searching for whole words or parts of words, you can also search for excerpts such as "ing". BAccess thus finds heating, ventilating, etc.

When you select Params, you open the parameter list for the data point selected. See next topic.
The parameter list

Show the parameter list

Access the parameter list as follows:

1. Select the desired data point in the "Data Points" view.
2. Select **Params**.

→ The parameter list is displayed.

Per default, the parameters are listed for the **Standard** category:

Elements and functions

The special elements of the parameter list are:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
</table>
| Parameter entries | The entries are listed in alphabetical order:  
  - Designation (left): Example: PSTA  
  - Then the text: Example: Resultant Plant Command  
  - Parameter value (right) (if online): Example: Off  
    **Bold print** means: Can be changed:  
    **Normal print** means: Read only.  
    **??? means**: Not yet updated. |
| Categories | In addition to the standard categories of the Palm (All), the following VISONIK categories can be selected:  
  - Main param. **Main value of the data point type**.  
  - Compact **As per the POP card layout definition**.  
  - Standard **The most important params of a data point**.  
    **(According to POP card layout definition).**  
  - Operation DCS classification.  
  - Configuration ditto.  
  - Service ditto. |
| Button Find | To find a particular parameter / parameter text. |
| Button Change | To change parameter values. |
| Button Close | Returns to the last view. |
| Button | To insert individual parameters in the "Favorites" view. |

Changing parameter values via **Change** is described below.

Note  ⚠️ You can also open the parameter list from the "Alarms" view.
Changing parameter values

Procedure

From the "Parameter List", you can change the values printed in bold for the respective parameters.

Proceed as follows:
1. Select the parameter.
2. Select Change.
   → The associated dialog box opens:

   ![Dialog Box Example]

3. Enter the new value (here "1" for "On-Man") and select OK.
   → The new value is taken over and displayed in the parameter list:

   ![Parameter List After Change]

Elements and functions of the dialog box

The layout of the dialog box to change the values depends on their data type:
- Numeric without units.
- Numeric units
- Listing (e.g. Off, Auto, On-Man) (see example above)

The special elements and functions of the dialog box are:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>Entry field for the desired value. (Numeric value or text selection field).</td>
</tr>
<tr>
<td>Min</td>
<td>Minimum possible entry value.</td>
</tr>
<tr>
<td>Max</td>
<td>Maximum possible entry value.</td>
</tr>
<tr>
<td>Error</td>
<td>If you try to transmit the values that the process station does not accept, the associated process station error message is displayed instead of OK.</td>
</tr>
<tr>
<td>Button Apply</td>
<td>When you select this button, the associated value is transmitted without closing the dialog box. Different values can then be checked comfortably.</td>
</tr>
</tbody>
</table>
Chapter 5 "Favorites" view

Chapter overview

This chapter describes the "Favorites" view. This view allows you to:

- Combine and organize in categories the most important data points and parameters of your plants as needed.
- Change texts as needed.
- View the combined data points and parameters and change parameter values.

As opposed to the user-defined grouping of the "Data Points" view, you can insert individual parameters and determine the order of data points and parameters in the display.

Note

The "Favorites" view allows you to create your own electronic POP card operation, or to modify the existing one as needed.

The illustration below provides an overview of these processes:

- Structure of the "Favorites" view
- Organizing favorites
- Organizing the "Favorites" view
- Viewing and changing Favorites’ details
- Moving favorites
- Summary: Organizing favorites

Go to the following pages to find information on the individual topics of this chapter:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure of the &quot;Favorites&quot; view</td>
<td>38</td>
</tr>
<tr>
<td>Organizing favorites</td>
<td>39</td>
</tr>
<tr>
<td>Organizing the &quot;Favorites&quot; view</td>
<td>40</td>
</tr>
<tr>
<td>Viewing and changing Favorites’ details</td>
<td>41</td>
</tr>
<tr>
<td>Moving favorites</td>
<td>42</td>
</tr>
<tr>
<td>Summary: Organizing favorites</td>
<td>43</td>
</tr>
</tbody>
</table>
Structure of the "Favorites" view

Introduction
This topic describes the following:

- Structure of the "Favorites" view.
- Available buttons/functions.

The view
The following illustration shows the "Favorites" view (with connected process stations):

![Illustration of the "Favorites" view]

Elements and functions
Special elements of the "Favorites" view:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
</table>
| Favorites entries | The entries are listed from top to bottom:  
- The left shows the data points  
- The right shows the corr. value  
- Then the corresponding text:  
Below and indented are the parameters and their texts and values that belong to the data point.  
Example: PLT10.PSTA  
Example: Off  
Example: Area &… |
| Values in bold: | Can be changed. |
| Values in normal print: | Cannot be changed. |
| Note: | Until the main values are updated through BAccess, three question marks ??? are displayed instead (online operation). |

Categories
Shown above: Category "All". The advantages of the "Favorites" view become obvious especially when organized into meaningful categories; see below.

Button Find
Finds a particular data point or parameter and their texts.

Button Details
Displays and changes the details for a selected data point or parameter.

Button Change
Opens the dialog box to change the main value of the selected data point.

Buttons
Moves up or down a selected data point or parameter by one or several positions in the view.

Notes
The "Favorites" view contains data only if the favorites were inserted previously, be it automatically by the program (if POP card information is available in the process station) or manually. Else, the view is empty.

Go to the next topic for information on how to organize and create the Favorites view via the associated buttons and dialog boxes.
Organizing favorites

The illustration shows how the favorites are organized after takeover from the Data Points view or from the parameter list to the organization in user-defined categories:

The above processes and elements are:

<table>
<thead>
<tr>
<th>Type/Element</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>The user-relevant data is loaded to BAccess when a process station is loaded.</td>
</tr>
<tr>
<td>Data points</td>
<td>The data loaded can be displayed and operated in the Data Points view and in the parameter list.</td>
</tr>
<tr>
<td>Parameters</td>
<td>If project-specific POP cards exist in the respective process station, their data is added to the Favorites list when loaded (sequence as per the page number in the operating booklet, category “Unfiled”).</td>
</tr>
<tr>
<td>Favorites, not organized</td>
<td>The data can be displayed and operated in the “Favorites” view. Category “All” is displayed per default. If no user-defined categories have been created, “All” and “Unfiled” contain the same information.</td>
</tr>
<tr>
<td>C</td>
<td>The favorites can be assigned to the previously created categories in the Favorites Details dialog box.</td>
</tr>
<tr>
<td>D</td>
<td>If you want to display more favorites in specific categories, or if the process station does not have POP card information, the desired favorites are retrieved from the “Data Points” view or from the parameter list.</td>
</tr>
<tr>
<td>Favorites, organized</td>
<td>Shows the result of an organization using user-defined categories “Drama AHU”, “Sports Hall”, and “Operating Hours”. The illustration also shows the “All” category: It comprises the favorites for all categories as well as the user-defined categories and the categories that are unassigned in “Unfiled”.</td>
</tr>
</tbody>
</table>

Note

The explanations on the categories apply to BAccess in general, as they represent a standard for Palm operation.
Organizing the "Favorites" view

Introduction

After loading a process station, the "Favorites" view may either contains a large number of data points or is empty, depending on whether or not there was POP card information.

In both cases, we recommend to create the desired categories.

Creating categories

Proceed as follows to create the desired categories for the "Favorites" view:

1. Select Edit Category from the drop-down list box:
   → The respective dialog box with any existing categories opens.

2. Select New:
   → The Edit category name dialog box opens.

3. Type in the name for the new category (here: Drama AHU) and select OK:
   → The new Drama AHU category is now available.

Inserting favorites

Proceed as follows if the "Favorites" view is empty, or if you want to supplement it:

1. Go to the "Data Points" view or to the parameter list.

2. Select the desired data point or parameter.

3. Select Insert Favorite.
   → The Insert Favorite dialog box opens:

4. Select the Category from the drop-down list box (here: Drama AHU).

5. Select the Layout (for data points only. Here: Standard).

6. Select OK.
   → The favorite is appended to the selected category.

Layouts available for data points

The layouts available for data points in the "Favorites" view are:

- Main param.: Main value of the data point type.
- Compact: The most important parameters of a data point.**
- Standard: Important parameters of a data point.**

** As per the POP card layout definition.
Viewing and changing Favorites’ details

Purpose

Use the **Favorite Details** dialog box to view and change the favorites. This dialog box allows you to:

- Assign favorites to a category, or change the category assignment.
- Modify texts.
- Delete favorites.

Viewing details

Proceed as follows to view the favorites’ details:

1. Go to the "Favorites" view.
2. Select the desired data point or parameter and select **Details**:  
   → The **Favorite Details** dialog box opens:

Changing details

To change the details, use the following elements in the **Favorite Details** dialog box:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Assigns the data point or the individual parameter to the category selected from the drop-down list box. Here: Drama AHU.</td>
</tr>
</tbody>
</table>
| Text | Changes the text for the respective favorite as per the new entry. Example above:
"Drama AHU" is changed to "Drama Rturn Temp".  
*Notes:*  
- Shortening texts is meaningful as the higher term is contained in the category name. This makes the view more transparent and more data points/parameters can be displayed.  
- The "Data Points" view and the parameter list still contain the original texts. |
| Default | Reassigns the original text of the data point or parameter to the favorite. |
| Delete | Deletes the data point or the single parameter from the "Favorites" view.  
*Note:* The data point or parameter is not really deleted, i.e., it remains available in the "Data Points" view or in the parameter list. |

Notes

If a data point is assigned to or deleted from a category, all subordinate parameters are assigned or deleted also.

If you want to display a data point using a different layout in the Favorites view, you must first delete it and then reinsert it in the desired layout.
Moving favorites

Purpose and procedure
When you insert or assign favorites to a user-defined category, the resulting order is not what you wanted. You can easily change this:

1. Select the data point or parameter you want to move.
2. Select or .
   → Each time you select the buttons, the data point or parameter is moved up or down.

Example

placed parameter PLT80.PSTA as shown below during insertion from the parameter list:

![Diagram]

You want to move the main switch to the last place in the view.
To do this, touch once.

Notes

Note the following to move favorites:
– Only complete data points are moved (incl. parameters).
– Parameters can be moved from a data point from within a data point. If you do this, automatically assigns the data point information (name/address) to the parameter.
  This is true even if an individual parameter from the parameter list is inserted as a favorite (see above).
– however, does not allow for inserting a data point into another data point.
– A parameter can be moved back to its data point.

Order of the favorites

Note the following on the order of the favorites:
– The order of the data points and parameters in principle can be changed as needed within any given category and is saved. However:
  – If you change the order in the "All" category, this may impact on other categories.
    The order of the favorites then is the same for all categories as in the "All" category.
  – In turn, moving favorites within user-defined categories also impacts on the "All" category.

The reason for this is that there is only one list of favorites, i.e., the one in which all categories are defined (category "All"). The currently active category only shows the favorites assigned to this category—all others are skipped.
Summary: Organizing favorites

Assumption
You want to organize the most important data points of a process station to allow you to quickly gain an overview of and access in the "Favorites" view as shown in the following example:

```
<table>
<thead>
<tr>
<th>Plant</th>
<th>Status</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLT00</td>
<td>On</td>
<td></td>
</tr>
<tr>
<td>ERSTA</td>
<td>O.C.</td>
<td></td>
</tr>
<tr>
<td>RGB1</td>
<td>RegVal</td>
<td>17Deg</td>
</tr>
<tr>
<td>MW 501</td>
<td>Supply A</td>
<td>1% Deg</td>
</tr>
<tr>
<td>MW 502</td>
<td>Return</td>
<td>2% Deg</td>
</tr>
</tbody>
</table>
```

Procedure
We recommend the following procedure to organize the favorites:

1. Create the necessary categories as needed, e.g., by the following criteria:
   - Most important points by plant
   - List of all operating hours
   - List of all setpoints
   - etc.

2. If favorites already exist (added automatically by BAccess upon loading the process station):
   Define your favorites and assign them to a category and to a layout (layout only for data points).
   You best carry out this step in the "Unfiled" category. This allows you to easily check the favorites yet assigned.

3. If there are no favorites:
   Insert your favorites from the "Data Points" view and from the parameter list.
   Assign a category and the layout (layout only for data points).

4. Adjust the texts.

5. Delete any unused favorites.

6. Move the favorites within the categories to create the order you want to have.

Alternately
Of course, you can slowly build the "Favorites" view as needed, i.e., create and modify them as you go.

Note
The Palm contains all information on the "Favorites" view. They cannot be written to the process station.
The process station only contains the POP card information (if created project-specifically).
Chapter 6 "Timeswitch Catalogs" view

Chapter overview

Introduction
This chapter describes the "Timeswitch Catalogs" view. This view allows you to:

- View timeswitch catalogs.
- Find and change entries.
- Simulate timeswitch programs.
- Change the operating time.
- Synchronize timeswitch catalogs with process station.

The illustration below provides an overview of these processes:

Topics in this chapter
Go to the following pages to find information on the individual topics of this chapter:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure of the &quot;Timeswitch Catalogs&quot; view</td>
<td>46</td>
</tr>
<tr>
<td>Viewing destination point details</td>
<td>47</td>
</tr>
<tr>
<td>Special day catalog SDC</td>
<td>48</td>
</tr>
<tr>
<td>Editing the SDC special day catalog</td>
<td>49</td>
</tr>
<tr>
<td>&quot;Weekday / exception day program&quot; view</td>
<td>50</td>
</tr>
<tr>
<td>Editing WDC weekday programs</td>
<td>52</td>
</tr>
<tr>
<td>Editing EXC exception day programs</td>
<td>53</td>
</tr>
<tr>
<td>Changing the operating time</td>
<td>54</td>
</tr>
<tr>
<td>Synchronizing</td>
<td>55</td>
</tr>
</tbody>
</table>
Structure of the "Timeswitch Catalogs" view

Introduction

This topic describes the following:

- Structure of the "Timeswitch Catalogs" view.
- Available functions.

The view

The illustration below shows the "Timeswitch Catalogs" view with 10 entries:

![Timeswitch Catalogs view](image)

Elements and functions

Special elements of the "Timeswitch Catalogs" view:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
</table>
| Timeswitch catalogs DST..| The entries in the timeswitch catalogs are sorted by destination in ascending order (DST1, DST2, etc.). Each entry consists of:
|                          | - Designation Example: DST10
|                          | **Bold print** means: The destination is active.
|                          | - Text Example: Change Area                                                         |
| Button Synch.            | Triggers timeswitch catalog synchronization between BAccess and the process station according to the option selected (see "Synchronization"). |
| Button Operating hour ext. | Opens the dialog box to change the operating time for the selected destination (if online). |
| Button Details           | Opens the "Destination Details" dialog box for the selected destination.             |
| Button WDC/EXC           | Opens the weekday and exception day catalog for the selected destination.             |
| Button SDC               | Opens the special day catalog for the process station (SDC applies to all destinations). |
| Date                     | The current date is displayed at the top right. It is set to the current value for each new selection of the "Timeswitch Catalogs" view. Functions:
|                          | - When you select the arrow to the left or right of the date, you can reset it by days for simulation purposes. |
|                          | - When you select the date, a calendar to select the simulation date opens.           |

Workflow

As a rule, proceed as follows to work with the timeswitch catalogs:

1. Make the desired modifications in offline operation.
2. Synchronize with the process station.

The associated details are described in the following topics.
Viewing destination point details

Dialog box
Select Details in the "Timeswitch Catalogs" view to open the Destination Details dialog box:

Elements and functions
The special elements and functions of this dialog box are:

<table>
<thead>
<tr>
<th>Elements</th>
<th>Explanation/Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check box Active</td>
<td>When you select this check box, the destination is either activated or deactivated.</td>
</tr>
<tr>
<td>Destination address</td>
<td>The top right contains the full address for the destination selected (here 254'S.DST10).</td>
</tr>
<tr>
<td>Data point</td>
<td>This entry shows the data point controlled by the destination (here PLT10), and displays the associated text.</td>
</tr>
<tr>
<td>Default values</td>
<td>Lists the parameters of the associated data point and the default values assigned. Here: Parameter &quot;Local Command 1&quot; and default value &quot;Off&quot;. The default values become active if no weekday or exception day program entry is active.</td>
</tr>
</tbody>
</table>

Note
The data point where the destination is active has a maximum of 5 parameters. This topic describes the assignment of default values for these parameters. The values of the weekday and exception day programs are assigned in the dialog boxes for the respective entries. See the following topics.

Changing default values
When you select the field to the right of the parameter, a dialog box opens that allows you to change the associated default value. Example: Dialog box for parameter .LCM1 (Local Command 1) of the PLT10:

The available default values are listed in the drop-down list box (here set to Off).
Special day catalog SDC

The SDC view

The following illustration shows the SDC view with four entries:

![Image of SDC view]

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/1/02</td>
<td>Monday</td>
</tr>
<tr>
<td>5/28/02</td>
<td>Holiday Monday</td>
</tr>
<tr>
<td>12/25/02</td>
<td>Christmas</td>
</tr>
<tr>
<td>7/29/02-8/18/02</td>
<td>Holidays</td>
</tr>
</tbody>
</table>

Elements and functions

The special elements of the SDC view are:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDC entries</td>
<td>An entry comprises:</td>
</tr>
<tr>
<td></td>
<td>– Date range (left).</td>
</tr>
<tr>
<td></td>
<td>– Comment (optional).</td>
</tr>
<tr>
<td></td>
<td>– Allocated special day (right).</td>
</tr>
<tr>
<td></td>
<td>Date in bold print: The entry is active.</td>
</tr>
<tr>
<td></td>
<td>Special day in bold print: The entry is active (current day or simulation date).</td>
</tr>
<tr>
<td>Button</td>
<td>To view and edit the selected entry.</td>
</tr>
<tr>
<td>Details</td>
<td></td>
</tr>
<tr>
<td>Button</td>
<td>To create a new entry.</td>
</tr>
<tr>
<td>New</td>
<td></td>
</tr>
<tr>
<td>Button</td>
<td>Returns you to the &quot;Timeswitch Catalogs&quot; view.</td>
</tr>
<tr>
<td>Close</td>
<td></td>
</tr>
</tbody>
</table>

Entering a simulation date

The following illustration shows the dialog box which appears after selecting the date field in the different timeswitch program views:

![Image of simulation date dialog]

You can enter the following:

– Any date by selecting the year, month, and day.
– The current date by selecting Today.
Editing the SDC special day catalog

When you select Details in the SDC view, the Special Day Catalog Entry dialog box opens:

These are the elements of the Special Day Catalog Entry dialog box:

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active</td>
<td>Select the check box to activate/deactivate the entry.</td>
</tr>
<tr>
<td>Comments</td>
<td>Optional entry. Here: Christmas.</td>
</tr>
<tr>
<td></td>
<td>Note: This comment is saved to BAccess only (not to the BPS).</td>
</tr>
<tr>
<td>Start date</td>
<td>Drop-down list box for day, month, year.</td>
</tr>
<tr>
<td></td>
<td>Note: Selecting &quot;---&quot; for the year means &quot;every year&quot;.</td>
</tr>
<tr>
<td>End date</td>
<td>Drop-down list boxes (if check box is selected) with selection identical to the start date.</td>
</tr>
<tr>
<td></td>
<td>The start date and the end date result in a date range.</td>
</tr>
<tr>
<td></td>
<td>Note: If the check box for the end date is not selected, the day of the start date is assumed as the date range.</td>
</tr>
<tr>
<td>Behave as</td>
<td>Drop-down list box offering the following selection:</td>
</tr>
<tr>
<td></td>
<td>Monday .. Sunday, SD1 .. SD7</td>
</tr>
<tr>
<td>Button</td>
<td>To delete a selected entry.</td>
</tr>
<tr>
<td>Delete</td>
<td></td>
</tr>
</tbody>
</table>

Creating a new entry

Proceed as follows to create an SDC entry:

1. Select New in the "SDC" view:
   → The Special Day Catalog Entry dialog box opens.
2. Make the desired entries.
3. Confirm with OK.
   → The entry is listed in the SDC view.
"Weekday / exception day program" view

Introduction

This topic describes the following:

- Structure of the "Weekday Program/Exception Day Program" view.
- The existing elements and functions.

The view

When you select the respective selector, the respective program and its entries are displayed. Here: Weekday program:

Elements and functions

The special elements of the WDC/EXC view are:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>WDC/EXC entries</td>
<td>Days/date with switching times and values.</td>
</tr>
<tr>
<td></td>
<td>– Days/date in bold print: The entry is active.</td>
</tr>
<tr>
<td></td>
<td>– Days/date selected, value in bold print: The entry is active.</td>
</tr>
<tr>
<td></td>
<td>Optional comment (e.g. &quot;Reduced operation&quot;).</td>
</tr>
<tr>
<td>Parameter (Local Command)</td>
<td>Use to select the parameter for which you want to show a preview (here: Local Command). See previous topic.</td>
</tr>
<tr>
<td>Time field</td>
<td>Shows the current time.</td>
</tr>
<tr>
<td></td>
<td>– Can be reset for simulation purposes. The preview display changes accordingly.</td>
</tr>
<tr>
<td></td>
<td>– When you select the time field, the Select simulation time dialog box to set any time or &quot;Now&quot; opens (current time).</td>
</tr>
<tr>
<td></td>
<td>– Updated automatically on each start of the &quot;Timeswitch Catalogs&quot; view.</td>
</tr>
<tr>
<td>Preview</td>
<td>Displays the 24 hours of the current day or the day set for simulation.</td>
</tr>
<tr>
<td></td>
<td>See next page for a description.</td>
</tr>
<tr>
<td>Weekday indication</td>
<td>Indicates the active day (here: Thursday).</td>
</tr>
<tr>
<td></td>
<td>See next page for a description.</td>
</tr>
<tr>
<td>Button Close</td>
<td>Returns you to the &quot;Timeswitch Catalogs&quot; view.</td>
</tr>
<tr>
<td>Button New</td>
<td>To create a new entry: WDC or EXC, depending on whether the weekday or exception day program is selected.</td>
</tr>
<tr>
<td>Button Details</td>
<td>To view and edit the selected entry.</td>
</tr>
<tr>
<td>Button DST Details</td>
<td>Opens the Destination Details dialog box. See previous topic.</td>
</tr>
</tbody>
</table>

Continued on next page
"Weekday / exception day program" view, continued

### The preview

The elements of the preview are:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cursor</td>
<td>Normally points to the current time and is active on it. Can be changed by selecting the preview. See explanations below.</td>
</tr>
<tr>
<td>Switching times</td>
<td>The small field at the bottom shows the active switching times by a vertical bar. Selecting these bars (entire preview is active) causes the following:</td>
</tr>
<tr>
<td></td>
<td>- The cursor is placed to the respective location.</td>
</tr>
<tr>
<td></td>
<td>- The time field shows the associated time.</td>
</tr>
<tr>
<td></td>
<td>- If this location belongs to an active entry, the entry is selected on top (incl. switchover to WDC/EXC view).</td>
</tr>
<tr>
<td></td>
<td>- If the location does not belong to an active entry, there is no selection or the previous selection is cancelled.</td>
</tr>
<tr>
<td></td>
<td>In this case, the default value of the destination becomes active. If entries are changed, the preview is adjusted accordingly.</td>
</tr>
<tr>
<td>Illustration</td>
<td>Shows the values for the associated switching times:</td>
</tr>
<tr>
<td></td>
<td>The previous illustration shows stages 1 and 2 for the entries &quot;Reduced operation&quot; and &quot;Full operation&quot;.</td>
</tr>
<tr>
<td></td>
<td>The thick line marks the time ranges for which the default value is active.</td>
</tr>
</tbody>
</table>

### Weekday indication

For weekday indication, we differentiate between the following cases:

<table>
<thead>
<tr>
<th>Situation</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard case</td>
<td>The same weekday as in the date field is displayed. Font: Black on light background.</td>
</tr>
<tr>
<td>SDC active</td>
<td>The active special day is indicated and the display is reversed. The date field continues to indicate the actual calendar day.</td>
</tr>
<tr>
<td>EXC active</td>
<td>&quot;EXC&quot; is indicated and the display is reversed.</td>
</tr>
</tbody>
</table>
Editing WDC weekday programs

If you select the WDC tab in the "WDC/EXC" view, and then select Details, the Weekday Catalog Entry dialog box opens:

These are the elements of the Weekday Catalog Entry dialog box:

- **Element** | **Description**
- Check box Active | Select the check box to activate/deactivate the entry.
- Comments | Optional entry. Here: Comment.  
  *Note:* This comment is saved to BAccess only (not to the BPS).
- Start day | Drop-down list box offering the following selection: Monday .. Sunday, SD1 .. SD7
- End day | Drop-down list box (if check box is selected) with selection identical to the start day.
- Time Period | Start time and end time (if check box is selected). Selecting the associated entry opens the "Select Start Time" or "Select End Time" dialog boxes.
- Parameter values | The parameter values valid for the selected time period (max. 5) can be assigned.  
  Here: Local Command 1 / Auto.  
  If you do not select the "No value/change" check box in the dialog box, a dot "." appears in the entry field and in the WDC/EXC view.
- Button Delete | To delete a selected entry.

Creating a new entry

Proceed as follows to create a WDC entry:

1. In the WDC/EXC view, select WDC and then New:  
   → The Weekday Catalog Entry dialog box opens (as above, but without "Delete" button).
2. Make the desired entries.
3. Confirm with OK.  
   → The entry is listed in the WDC/EXC view.  
   → The preview is adjusted accordingly.
Editing EXC exception day programs

Situation
You can open the exception day programs by selecting the EXC tab in the WDC/EXC view:

Viewing and changing details
Selecting Details opens the Exception Day Catalog Entry:

Elements and functions
These are the elements of the Exception Day Catalog Entry dialog box:

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active</td>
<td>Select the check box to activate/deactivate the entry.</td>
</tr>
<tr>
<td>Comments</td>
<td>Optional entry. Here: Evening class.</td>
</tr>
<tr>
<td>Start date</td>
<td>Drop-down list box for day, month, year.</td>
</tr>
<tr>
<td>End date</td>
<td>Drop-down list boxes (if check box is selected) with selection identical to the start date.</td>
</tr>
<tr>
<td>Time Period</td>
<td>Start time and end time (if check box is selected). Selecting the associated entry opens the &quot;Select Start Time&quot; or &quot;Select End Time&quot; dialog boxes.</td>
</tr>
<tr>
<td>Parameter values</td>
<td>The parameter values valid for the selected time period (here: Local Command 1) can be assigned (here: Auto). If you select &quot;No value/change&quot;, a dot &quot;.&quot; appears in the entry field and in the WDC/EXC view.</td>
</tr>
<tr>
<td>Button Delete</td>
<td>To delete a selected entry.</td>
</tr>
</tbody>
</table>

Creating a new entry
Proceed as follows to create an EXC entry:

1. In the WDC/EXC view, select EXC and then New:
   → The Exception Day Catalog Entry dialog box opens.
2. Make the desired entries.
3. Confirm with OK.
   → The entry is listed in the WDC/EXC view.
   → The preview is adjusted accordingly.
Changing the operating time

Procedure

Use the "Timeswitch Catalogs" view to change the current operating time. Proceed as follows:

1. If in offline operation: Connect to the process station and return to the "Timeswitch Catalogs" view.
2. Select the desired destination.
3. Select **Change Operating Time**.
   → The **Change Operating Time** dialog box opens.

4. Select the **Active** check box (if not already selected).
   *Note:* The status of the process station is read and displayed accordingly in *BAccess*.
5. Enter the desired value to change the operating time.
6. Confirm with **OK**.
   → The current operating time is extended or shortened accordingly.
Synchronizing

Procedure

Use the "Timeswitch Catalogs" view to synchronize the timeswitch catalogs between the process station and BAccess. Proceed as follows:

1. If in offline operation: Connect to the process station and return to the "Timeswitch Catalogs" view.
2. Select Synch.
   → The Synchronize TSC dialog box opens.

3. Select the desired option from the drop-down list box (here "BAccess overrides on conflicts").
4. Confirm with OK.
   → BAccess synchronizes the catalogs and shows the progress in the progress indicator.

Synchronization options

The Synchronize TSC dialog box allows you to select the following options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAccess overrides on conflicts</td>
<td>If there are conflicts, timeswitch catalogs are loaded to the BPS as specified by BAccess (default/recommended setting).</td>
</tr>
<tr>
<td>BAccess always</td>
<td>The timeswitch catalogs are loaded to the BPS as specified by BAccess. This mode overwrites everything in the BPS regardless of where the changes were made.</td>
</tr>
<tr>
<td>BPS overrides on conflicts</td>
<td>If there are conflicts, the timeswitch catalogs are loaded to BAccess as specified in the BPS.</td>
</tr>
<tr>
<td>BPS always</td>
<td>The timeswitch catalogs are loaded generally from the BPS to BAccess. This mode overwrites everything in the BAccess regardless of where the changes were made.</td>
</tr>
</tbody>
</table>

What are synchronization conflicts?

Conflicts are generated if changes to the timeswitch catalogs since the last synchronization are made at both ends: in the BPS and in BAccess.

How are conflicts identified?

Conflicts are identified based on changed signatures on the SDC catalog (SDC.SIG) or the individual destinations (DSTn.SIG).

The BPS only knows that the timeswitch catalog has changed. BAccess, however, tracks the changes for individual WDC and EXC entries and considers this information upon synchronization.

Continued on next page
Synchronizing, \textit{continued}

### Rules and examples

Below are the general rules for synchronization, explained based on examples. Individual entries as well as destinations/timeswitch catalogs are considered objects.

We distinguish between the following three cases for synchronization:

- No changes to both ends.
- Changes to one end only.
- Changes to both ends.

### No changes to both ends

If no changes are made to both ends, the objects are not synchronized.

### Changes to one end only

If an object exists at only one end (BPS or \textit{BAccess}), the synchronization mode determines if the object is being deleted or created at the other end.

Example:
- In the BPS, destination DST30 was newly created.
- This destination does not yet exist in \textit{BAccess}.

The result, in dependence of the synchronization mode, is:

<table>
<thead>
<tr>
<th>Synchronization mode</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPS always</td>
<td></td>
</tr>
<tr>
<td>BPS overrides on conflicts</td>
<td>Destination DST30 is created also in \textit{BAccess}.</td>
</tr>
<tr>
<td>\textit{BAccess} overrides on conflicts</td>
<td>Destination DTS30 is deleted in the BPS.</td>
</tr>
</tbody>
</table>

\textit{Note:} The same response can also be expected for entries in different catalogs.

### Changes to both ends

If objects were changed at both ends, the synchronization mode determines which end overwrites the other.

Example:

The end time for the same weekday program was changed as follows in the BPS and in \textit{BAccess}:
- In the BPS to 19:00.
- In \textit{BAccess} to 20:00.

The result, in dependence of the synchronization mode, is:

<table>
<thead>
<tr>
<th>Synchronization mode</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPS always</td>
<td>The end time is set to 19:00 in \textit{BAccess}.</td>
</tr>
<tr>
<td>BPS overrides on conflicts</td>
<td></td>
</tr>
<tr>
<td>\textit{BAccess} always</td>
<td>The end time is set to 20:00 in \textit{BAccess}.</td>
</tr>
<tr>
<td>\textit{BAccess} overrides on conflicts</td>
<td></td>
</tr>
</tbody>
</table>
Chapter 7 "Alarms" view

Chapter overview

Introduction

This chapter describes the "Alarms" view. This view allows you to:

- View, find, and update alarms.
- Change alarm point parameters.

The illustration below provides an overview of these processes:

Topics in this chapter

Go to the following pages to find information on the individual topics of this chapter:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structure of the &quot;Alarms&quot; view</td>
<td>58</td>
</tr>
<tr>
<td>The &quot;View / Options&quot; menu commands</td>
<td>59</td>
</tr>
<tr>
<td>Dialog boxes in the &quot;Alarms&quot; view</td>
<td>60</td>
</tr>
</tbody>
</table>
Structure of the "Alarms" view

Introduction
This topic describes the following:

• Structure of the "Alarms" view.
• Available functions.

The view
When you first select the "Alarms" view, BAccess (if online) automatically loads the alarms in the process stations. This is done via COLBAS command ALR in the background and is simultaneously shown in the progress indicator.

After the alarms are loaded, they are listed. The illustration below represents a sample:

Elements and functions
Special elements of the "Alarms" view:

<table>
<thead>
<tr>
<th>Element</th>
<th>Explanation/Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of alarms</td>
<td>The top right shows the number of alarms (here: 71) of the associated process station (here 254'5).</td>
</tr>
<tr>
<td>Refresh time</td>
<td>The time at which BAccess last read the alarms is displayed alternately with the number of alarms.</td>
</tr>
<tr>
<td>Alarm entries</td>
<td>Each alarm has the following information in the above example:</td>
</tr>
<tr>
<td></td>
<td>– Alarm status (here: * and ?HW).</td>
</tr>
<tr>
<td></td>
<td>– Alarm time (date, time).</td>
</tr>
<tr>
<td></td>
<td>– Address of the data point.</td>
</tr>
<tr>
<td></td>
<td>– Data point text.</td>
</tr>
<tr>
<td>Notes:</td>
<td>– The View menu offers three ways to sort the alarms.</td>
</tr>
<tr>
<td></td>
<td>– The entries are printed in bold.</td>
</tr>
<tr>
<td></td>
<td>– In the above example, option &quot;Alarm state, time, address&quot; is selected.</td>
</tr>
</tbody>
</table>

Menu View
To select the display options and enter the refresh rate; see next topic.

Button Find
To find a particular alarm / alarm text.

Button Refresh
To load the current alarm states if online.

Button Parameters
To view the parameter list for the selected data point.

Refer to the section below for information on the individual elements and functions.
The "View / Options" menu commands

Introduction
The View menu allows you to:
• Select the sort options for the "Alarms" view.
• Set the time for automatic refresh.

Selecting options for the "Alarms" view
Proceed as follows to select the options for the "Alarms" view.

1. Select the menu bar in the "Alarms" view and press the menu button on the Palm:
   → The View menu opens:

   ![View menu](BA51en)

2. Select Options.
   → The Alarm view options dialog box opens:

   ![Alarm view options](BA52en)

3. Select the desired display option from the drop-down list box.
4. Enter the desired value for an automatic refresh.
5. Confirm with OK.
   → The display shows the sort options selected.

Explanations
The dialog box offers the following selection or entry options:

<table>
<thead>
<tr>
<th>Element</th>
<th>Selection / Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort alarms by:</td>
<td>The available sort options are:</td>
</tr>
<tr>
<td></td>
<td>– Alarm time, state, address.</td>
</tr>
<tr>
<td></td>
<td>– Alarm state, time, address.</td>
</tr>
<tr>
<td></td>
<td>– Data point, address.</td>
</tr>
<tr>
<td>Alarms refresh rate</td>
<td>After selecting this field, the Alarm refresh rate dialog box opens:</td>
</tr>
<tr>
<td></td>
<td>If you close the &quot;Alarms&quot; view and reselect it, use this command to enter the</td>
</tr>
<tr>
<td></td>
<td>automatic refresh rate in hours and minutes. Range: 0:00 to 23:59.</td>
</tr>
</tbody>
</table>
Dialog boxes in the "Alarms" view

Find alarms
The Find function in the "Alarms" view allows you to search for alarms by any alphanumerical text within the list. Proceed as follows:

1. Enter the search text in the Find field.
2. Select Find:
   → The message "Please wait.." appears.
   → The text first found is highlighted.
3. Every time you select Find, BAccess looks for the next match and highlights it. The scroll bar position also shows the location in the list.

Notes
In addition to searching for whole words or parts of words (Palm standard), you can also search for excerpts such as "ing". BAccess thus finds heating, ventilating, etc.

When you select Param., you open the parameter list for the alarm selected. See next topic.

Viewing the parameter list
You can go directly from the "Alarms" view to the parameter list to view details on a particular alarm point. Proceed as follows:

1. Select the desired alarm point.
2. Select Param.:
   → The parameter list is displayed:

For more information on the structure of the available categories of the list, refer to the "Data Points" view chapter, "Parameter list" section.

Changing parameter values
Proceed as follows to change a specific parameter:

1. Select the parameter.
2. Select Change.
   → The Change Value dialog box opens:

Refer to chapter "Data Points" view, "Changing parameter values" section for more information on the Change Value dialog box.

Updating alarms
When you select Refresh, BAccess executes COLBAS command ALR in the background (online only) and reloads the alarms from the process station.

Notes
When you update the alarm list, alarms that are closed are deleted from the process station alarm list.

If you close the alarm dialog box during operation and reopen it at a later time, BAccess automatically updates the values, provided the time entered in the Alarm view options dialog box has been exceeded.
# Index

## A
- alarms
  - find ................................................................. 60
  - sort options .................................................... 59
  - updated ............................................................. 60
  - view parameter list .......................................... 60

## C
- communication profile
  - direct/serial .................................................. 15
- communications profile
  - create modem profile ....................................... 16
  - preconfigured profiles ...................................... 15
- connection
  - direct ............................................................... 8
  - indirect ............................................................. 8

## D
- data points
  - categories .......................................................... 32, 33, 34, 38
  - entries ................................................................. 32
  - favorites ............................................................. 38
  - find ................................................................. 34
  - group by plants .................................................. 33
  - group by point type ........................................... 33
  - show details ........................................................ 34

## E
- economy mode and online operation ...................... 27

## F
- favorites
  - categories, principle ........................................ 39
  - create categories ............................................. 40
  - insert ................................................................. 40
  - order ........................................................................ 42
  - recommended procedure ...................................... 43
  - view and change details ...................................... 41

## L
- linked system .............................................................. 8

## O
- offline operation .................................................... 27
- online operation .................................................... 26

## P
- parameter
  - categories .......................................................... 35
  - show list ............................................................. 35
- process stations
  - add manually ...................................................... 28
  - categories .......................................................... 25
  - comment ............................................................. 25
  - entries ................................................................. 22
  - load direct/serial ................................................ 23
  - load via telephony .............................................. 24
  - view and change details ...................................... 25

## T
- timeswitch program
  - conflicts .................................................................. 55
- timeswitch programs
  - create EXC entry .................................................. 53
  - create SDC entry ................................................... 49
  - create WDC entry .................................................. 52
  - graphical display ................................................ 50
  - parameter values ................................................. 47, 52, 53
  - simulation ............................................................. 48, 50
  - workflow .............................................................. 46