

ACS Plant Operating Software ACS Alarm Operating Instructions

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Table of Contents

1	Introduction.....	5
1.1	Overview.....	5
1.2	System requirements.....	6
1.3	Languages.....	6
1.4	Installing the software.....	6
1.5	Licensing	6
2	Processes.....	8
2.1	Overview.....	8
2.2	Starting	8
2.2.1	Starting ACS Alarm	8
2.2.2	Changing the language	8
3	The first steps	10
3.1	Overview.....	10
3.2	Creating an alarm file	10
3.3	Opening an alarm file	10
3.4	Closing an alarm file.....	11
3.5	Preparing a connection.....	11
3.6	Supervising a connection	12
4	Applications	14
4.1	Overview.....	14
4.2	Alarm	14
4.2.1	Introduction to the "Alarm" application.....	14
4.2.2	Processes in the "Alarm" application.....	14
4.2.3	Receiving an alarm.....	14
4.2.4	Overview of all alarms	15
4.2.5	Detail view of an alarm	17
4.2.6	Printing alarms.....	20
4.2.7	Exporting alarms.....	21
4.3	System report	23
4.3.1	Introduction to the "System report" application.....	23
4.3.2	Processes in the "System report" application.....	23
4.3.3	Receiving a system report.....	23
4.3.4	Overview of all system reports	24
4.3.5	Detail view of a system report	24
4.3.6	Printing system reports.....	26
4.3.7	Exporting system reports.....	26
5	Menus.....	28

5.1	Presentation of menus	28
5.2	Main menu	28
5.3	The "File" menu	28
5.4	The "Edit" menu	29
5.5	The "View" menu	29
5.6	The "Tools" menu	29
5.7	The "Alarm" menu.....	30
5.8	The "Sort" menu.....	30
5.9	The "Window" menu	30
5.10	The "Help" menu.....	31
6	Tips und tricks.....	32
6.1	Alarm file	32
6.2	Properties.....	32
6.3	Print.....	32
6.4	Print preview	33
6.5	Modem problems	33

1 Introduction

1.1 Overview

ACS7... is a PC software package for remote operation, monitoring and commissioning of heating, ventilation and district heating plant, and for remote readout of consumption data.

Use

Use:

- Remote management with central communication units OZW775 and OZW771:
 - Remote operation and monitoring of Synco plant whose devices (primary controllers, individual room controllers, room units) are connected via KNX (Konnex bus)
- Remote management with central communication units OCI600 and OCI611:
 - Remote operation and monitoring of heating plant whose devices (controllers, pulse adapters, temperature sensors / adapters, digital input modules and relay modules) are connected via LPB (Local Process Bus)
- Remote management with M-bus central units OZW10 and OZW111:
 - Remote operation and monitoring of M-bus-compatible devices (controllers and meters) in district heat substations
 - Acquisition of consumption data of M-bus-compatible meters for consumption cost billing
 - Acquisition of consumption data from wireless consumption meters of Siemeca™ AMR system transmitted to the M-bus central unit OZW10 via the M-bus interface of the WT*16 network node
 - Diagnostics and commissioning of LPB controllers with service interfaces OCI69 and OCI700
 - Diagnostics and commissioning of KNX controllers with service interface OCI700
 - Reception of alarms from plant using OZW30 and OCI55

Among other items, the ACS7... software package contains the following program a description of which is given in the present Operating Instructions:

- ACS Alarm: Alarm software

Programs also included in the ACS7... software package:

- ACS Operating: Operating software
- ACS Service: Service software
- ACS Batchjob: Batchjob software

Functions

The Alarm software contains the following applications:

- Alarm: Alarms from the central unit or plant are received, stored, displayed and output on a printer
- System report: Information from the central unit or plant is received, stored, displayed and output on a printer

If this is the first time you work with the ACS Alarm software, we recommend you to proceed with chapter The first steps.

1.2 System requirements

System requirements

<i>PC component</i>	<i>Minimum requirements</i>
Processor	Pentium-compatible 300 MHz, recommended 600 MHz
RAM	128 MB, recommended 256 MB
Hard disk	1.9 GB available memory (Windows XP) 2 GB with 1 GB available memory (Windows 2000) Recommended: Additional 20 MB available memory per plant
Screen	VGA standard driver 800 x 600, 256 colors Recommended: SVGA standard driver 1028 x 768
Ports	USB 1.1 and higher or Serial COM, up to 19,200 Baud (either directly or via modem)
Operating system	Windows XP service pack 1 Windows 2000 service pack 3
CD-ROM or DVD drive	

1.3 Languages

Languages

When starting ACS Alarm you can select the **language** you would like to use. You can also decide whether or not you want to see the dialog for selecting the language each time the program is started up.

If the **Language / Sprache** window does not appear when starting up ACS Alarm, choose the "Tools" menu – **Settings...** The **Settings** window will appear. Choose check box **Language dialog with a new start**. In that case, when closing ACS Alarm and starting up again, the dialog for selecting the language will appear again.

1.4 Installing the software

Installing the software

The procedure for installing the ACS7... software package is described in the ACS7... Installation Instructions, which are included in the package with the CD.

For information about commissioning the software, please refer to chapter The first steps.

1.5 Licensing

Licensing

The alarm software is an overriding program included in all software packages. ACS Alarm runs without copy protection (dongle) and log file (license).

Functions of ACS Alarm:

<i>Function</i>	<i>Description</i>
Alarm:	Alarms from the central unit or plant are received, stored, displayed and output on a printer.
System report:	Information from the central unit or plant is received, stored, displayed and output on a printer.
Connections	Type of connection.
- Direct	With standard null modem cable.
- Modem	Via telephone modems.

2 Processes

2.1 Overview

Processes

This chapter describes the general process when working with the software:

Starting ACS Alarm:	Describes the way ACS Alarm is started up.
The first steps:	Describes the process from installation to the reception of alarms and system reports.
"Alarm" application:	Describes the way alarms from the central unit or plant are received, stored, displayed and output on a printer.
"System report" application:	Describes the way information from the central unit or plant is received, stored, displayed and output on a printer.

2.2 Starting

2.2.1 Starting ACS Alarm

Starting ACS Alarm

Starting up under Windows XP / 2000:

1. During installation, a connection with ACS Alarm was copied to the Autostart folder. ACS Alarm is automatically started up when Windows is started. If ACS Alarm has been closed or removed from the Autostart folder, start ACS Alarm as follows:
Choose the **Start** button and then point to **Programs**. Point to the **ACS** folder which contains the **ACS Alarm** program. Then, select the **ACS Alarm** program. Depending on the type of installation, you can also start the program directly from your Desktop or via Windows Explorer.
2. After starting ACS Alarm, the **Language / Sprache** dialog appears, where you can select the language you would like to use.
3. If this is the first time you start the program, you need to make a few configurations before you can receive alarms and system reports. For more information, please refer to chapter The first steps.

Note: ACS Alarm should not be removed from Autostart. If the PC runs without having ACS Alarm started up, the modem could nevertheless accept calls. As a result, repetitions of unsuccessfully delivered messages can produce high telephone fees when connecting the central communication unit.

For more information, please refer to the following chapter:

- Changing the language

2.2.2 Changing the language

Language

The language cannot be changed while ACS Alarm is running. If you want to change the language, you must close ACS Alarm and then make a new start.

Procedure:

Choose the "Tools" menu – **Settings....** The **Settings** window will appear. Choose check box **Language dialog with a new start**. In that case, when closing ACS Alarm and starting up again, the dialog for selecting the language will appear again.

3 The first steps

3.1 Overview

First steps

This chapter describes the first steps required for working with the applications.

After starting ACS Alarm, the window with the main menu will appear. ACS automatically creates an alarm file **Alarm1st.ala** which saves incoming messages and system reports.

Before you can work with the applications, you need to do the following preparatory work:

1. Preparing a connection
2. Supervising a connection

Then, for the reception and handling of messages, the Alarm and System report applications can be used.

For more information, please refer to the following chapters:

- Creating an alarm file
- Preparing a connection
- Supervising a connection
- Applications

3.2 Creating an alarm file

Creating an alarm file

If this is the first time you work with ACS Alarm, ACS automatically provides alarm file **Alarm1st.ala** which saves incoming messages and system reports.

If you have already opened an alarm file, you need to close the alarm file before you can create a new one.

To create a new alarm file, choose "File" menu – **New**. Window **Enter a new file name** will appear: Now, enter a file name in the **File name** box and confirm your entry by selecting the **Save** button. Only files with the extension ***.ala** are permitted as file types.

For more information, please refer to the following chapters:

- Opening an alarm file
- Closing an alarm file
- Applications

3.3 Opening an alarm file

Opening an alarm file

If you have already opened an alarm file, you need to close the alarm file before you can create a new one.

An existing and closed alarm file can be opened again. To do this, choose the "File" menu – **Open....** Now, select the required file (***.ala**) and confirm your entry by selecting the **Open** button.

If the alarm file is one of the four files opened last, you can also select it directly from the "File" menu – **Recently used file list**.

For more information, please refer to the following chapters:

- Creating an alarm file
- Closing an alarm file
- Applications

3.4 Closing an alarm file

Closing an alarm file

To be able to create or open another alarm file, the active alarm file must be closed first. To do this, choose the "File" menu – **Close**. Then, the alarm file will be closed.

For more information, please refer to the following chapters:

- Creating an alarm file
- Opening an alarm file
- Applications

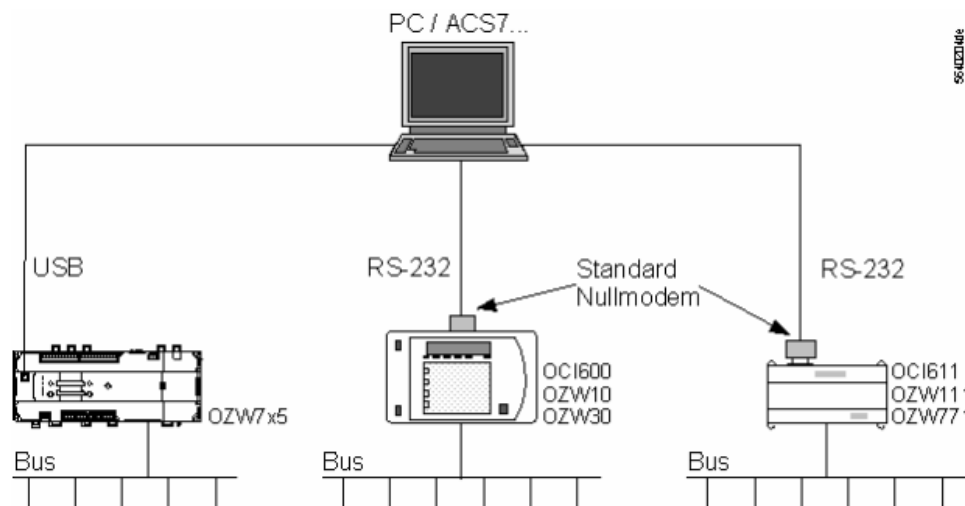
3.5 Preparing a connection

Communication with the central units can take place either directly or via modem.

Direct connection

Direct connection

In the case of a direct connection, a standard null modem or standard USB cable is required between central unit and PC:



Install ACS prior to connecting the OZW775 central communication unit to the PC. When, via USB, the central communication unit is connected to the PC for the first time, Windows detects the new hardware showing the message **Found New Hardware**.

Windows XP:

Then, the **Found New Hardware Wizard** is automatically started. Choose **Install the software automatically (recommended)** and confirm your choice by selecting the **Next >** button. Installation of USB driver **Siemens OZW USB Connection** is

started. Confirm the warning in dialog **Hardware Installation** by selecting button **Continue Anyway**.

Windows 2000:

Confirm the question **Do you want to continue the installation?** in dialog **Digital Signature Not Found** by selecting the **Yes** button. Installation of USB driver **Siemens OZW USB Connection** is started.

Installation of the USB driver for the central unit is completed by confirming with button **Finish**.

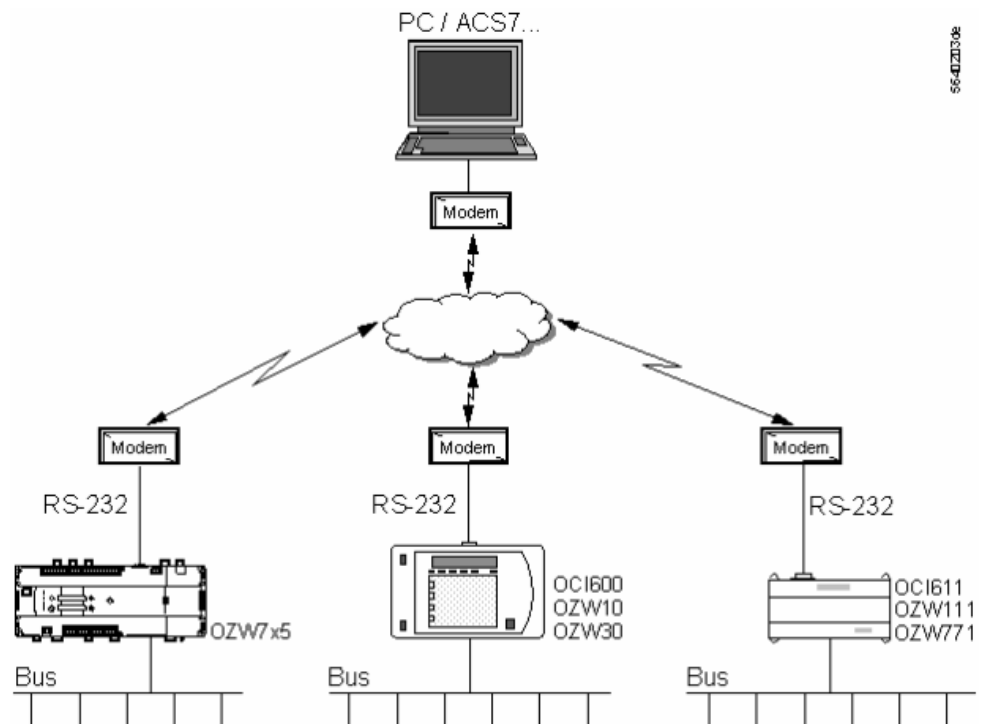
If automatic installation is not successfully completed, you can also install the driver manually by using the hardware assistant. During the installation of ACS, the driver was copied to the harddisk under

C:\ACS\CommServer\ACSNet\RNDIS\Siemens_OZW.inf.

Modem

Modem connection

When using the connection via the telephone network, a Hayes-compatible modem is required on both sides. Before a modem connection can be established, the central unit for modem communication must be parameterized. For more information, please refer to the relevant User Manual.



After the central unit and the PC have been connected to the modems, the modem must be configured in Windows under **Start -Settings - Control Panel - Phone and Modem Options**, if this has not yet been done. From the **Phone and Modem Options** dialog, select **Modems** and follow the instructions for installing the modem driver

For more information, please refer to the following chapters:

- Applications
- Supervising a connection






3.6 Supervising a connection

Supervising

ACS Alarm is capable of monitoring several connections simultaneously. Choose the "Tools" menu – **Connections....** The **Connections** window will appear showing all available connections:

- For all direct connections, the type of central unit must be selected. To do this, double-click with the left mouse button on the box in the **Driver** column at the appropriate connection. A selection box with all types of available central units will appear
- For modem and USB connections, the **Auto** driver will automatically appear. Now, select all connections with the left mouse button and use button **Don't supervise** or **Supervise** to decide whether or not the connection shall be monitored.

The current settings and the state of the connections are displayed with the help of symbols.

<i>Symbol</i>	<i>Meaning</i>
	Connection is supervised.
	Connection is not supervised. No driver has been selected for the connection.
	Connection that should have been supervised is no longer available, e.g. because the interface is used by some other program or has been removed.
	Connection that is not supervised is no longer available, e.g. because the interface is used by some other program or has been removed.
	Connection is not available because the interface is used by a modem.

If the required connection does not appear, it must be configured. For more information, please refer to Preparing a connection.

4 Applications

4.1 Overview

Overview

ACS Alarm provides the following applications:

- Alarm:
Alarms from the central unit or plant are received, stored, displayed and output on a printer.
- System report:
Information from the central unit or plant is received, stored, displayed and output on a printer.

4.2 Alarm

4.2.1 Introduction to the "Alarm" application

Introduction

Every alarm received from the plant is entered on an alarm list.

Signaling of incoming alarms can be configured as follows:

- An acoustic signal is given
- A popup window opens
- An output on a printer is made
- Any combination of the above

Alarm list

On the alarm list, the columns can be selected by the user and the column names and arrangement of the individual columns can be configured.

The alarm list can be printed out.

The entire alarm list can be exported as an ASCII file. Also, for further handling by other programs, incoming alarms are automatically exported to an ASCII file.

For more information, please refer to the following chapter:

- Processes in the "Alarm" application

4.2.2 Processes in the "Alarm" application

Processes

The following processes are described in this chapter:


- Receiving an alarm
- Overview of all alarms
- Detail view of an alarm
- Printing alarms
- Exporting alarms

4.2.3 Receiving an alarm

Receiving an alarm

The behavior of the "Alarm" application on reception of an alarm can be configured. Three choices are available:

Popup
Printing alarms

- An acoustic signal is given: Choose the "Tools" menu – **Settings...**, and then from the **Settings** window checkbox **Sound on alarm reception**. If you prefer some other sound, select the **Path** button:  and then a *.wav file from the **Loads sound file** window
- A popup window opens: Choose the "Tools" menu – **Settings...**, and then from the **Settings** window checkbox **Popup on alarm reception**
- An output on a printer is made: Choose the "Tools" menu – **Settings...**, and then from the **Settings** window checkbox **Print alarm on reception**

If opening of a popup window was chosen, window **Message x of y: Plant name** will appear on reception of an alarm. The popup window can contain several alarms:

- x: Number of the alarm in the popup window
- y: Number of alarms in the popup window
- Plant name: Name of plant (setting on the central unit)

In the popup window, a Detail view of an alarm will appear for each alarm.

For navigating between alarms, use the **<< Previous** and **Next >>** buttons.

With the help of the **Acknowledge...** button, the alarms can be acknowledged one after the other. Acknowledged alarms are removed from the popup window. When acknowledging, the date of the acknowledgement will be stored. The date of the acknowledgement can be viewed later in Detail view of an alarm (except when opening the popup window is deactivated). The window can be closed with the **Close** button. Alarms that are not yet acknowledged appear on the alarm list in bold letters.

The **Comment...** button can be used to add a comment to the alarm.

When selecting the **Help** button, the ACS Help function will be made available.

For more information, please refer to the following chapters:

- Overview of all alarms
- Detail view of an alarm
- Printing alarms
- Exporting alarms

4.2.4 Overview of all alarms

Overview

An overview of all incoming alarms is given in the alarm window, which appears as soon as the alarm file is opened. The alarms received will be shown in tabular form on a list. The following columns are available:

Column text	Description
Plant name *	Name of plant (setting on the central unit)
Plant component *	Device or input that delivered the message: <ul style="list-style-type: none"> • OZW77...: Device name (Area.Line.Device address) • OCI600: Channel name. Module name • OCI611: Device name (Segment number.Device number) • OZW1...: Device type (Device) • OZW30: Device type (Appartment number.Device) • OCI55: Channel name. Channel number
Occurrence time *	Date and time of day of detection: <ul style="list-style-type: none"> • OZW7...: Fault date. Fault time • others: Occurrence time
Message *	Fault or state of plant component:

Column text	Description
	<ul style="list-style-type: none"> • OZW7...: Fault: Fault text • OCI600: Alarm state • OCI611: Message • OZW1...: Device error code or Central comm unit error code • OZW30: Error number • OCI55: Alarm state
Transmission time *	Date and time of day of PC at reception
Phone no. plant *	Phone number of plant (setting on the central unit)
Central comm unit type *	Type of central communication unit, e.g. OZW771
Acknowledged	Date and time of day the message was confirmed
Acknowledged by	Name of the person who acknowledged the message
Rectified by	Deadline for rectification of fault
Edited by	Names of persons responsible for rectification of the fault
Comment	Any comment on the message received

* These columns are default settings

The arrangement of columns can be matched to user needs. To do this, choose the "Tools" menu – **Arrange columns....** The **Arrange columns** window will appear. It shows the presently **Invisible columns** and **Visible columns**:

The alarm list can be sorted. When clicking on the column heading with the left mouse button, sorting is made in ascending or descending order. The same result is obtained with the help of the "Sort" menu – Visible columns list.

The alarm list can be made to appear in several alarm windows. To do this, choose the "Window" menu – **New Alarm window**. A new alarm window will appear.

Switching between the alarm windows is made possible via the "Window" menu – **Open alarm windows list**. Further, windows **Cascade**, **Tile horizontally** and **Tile vertically** can be rearranged.

Within an alarm window, it is possible to navigate directly to individual alarm entries:

- 200 entries downward: "Alarm" menu – **+ 200**. This function is only available if the alarm list contains more than 200 entries
- 200 entries upward: "Alarm" menu – **- 200**. This function is only available if the alarm list contains more than 200 entries
- Specific entry: "Alarm" menu – **Goto....** Enter the requested number in the **Goto alarm** window

The alarm list shows unacknowledged alarms in bold letters. Detail view of an alarm will be opened by double-clicking with the left mouse button on the line of the relevant alarm. When confirming with the **OK** button, the dialog will be closed and the date and time of day of the acknowledgement entered.

You can also acknowledge the alarm by selecting it with the left mouse button and choosing "Edit" menu – **Select as acknowledged**. The action can be canceled via "Edit" menu – **Select as not acknowledged**.

To delete entries, choose the "Edit" menu – **Delete selected alarms**. You can select the alarms to be deleted by clicking with the left mouse button or choosing the "Edit" menu – **Select all** or **Invert selection**.


For more information, please refer to the following chapters:

- Receiving an alarm
- Detail view of an alarm
- Printing alarms

- Exporting alarms

4.2.5 Detail view of an alarm

Detail view

The alarm window shows an overview of all alarms. When double-clicking on an entry with the left mouse button, the alarms with all details will be shown in the alarm window **Message: Plant name**. The detail view can also be opened via the "Edit" menu – **Properties**, or by selecting symbol .

The type of information displayed depends on the type of central communication unit:

OZW771:

<i>Information</i>	<i>Description</i>
Plant name	Name of the plant (setting on the central unit)
Device name	Name of the device that reported the fault (setting on the device), e.g. boiler room
Area	Part of KNX address of the device that reported the fault
Line	Part of KNX address of the device that reported the fault
Device address	Part of KNX address of the device that reported the fault
Fault date	Date on which the fault was detected. Reading the device that reported the fault
Fault time	Time of day the fault was detected. Reading the device that reported the fault
Fault	Fault code
Fault text	Text describing the fault
Fault priority	Priority of fault (urgent, nonurgent)
Transmission date	Date of PC at reception
Transmission time	Time of day of PC at reception
Phone number plant	Phone number of the plant (setting on the central unit)
Central comm unit type	OZW775 or OZW771
Device type	Type of device that reported the fault. Device constant, e.g. RMH760

OCI600:

<i>Information</i>	<i>Description</i>
Plant name	Name of the plant (setting on the central unit)
Channel name	Name of the input where the fault was detected
Module name	Name of the module where the fault was detected
Occurrence time	Date and time of day the fault was detected
Alarm state	Error code: Error text
Transmission time	Date and time of day of PC at reception

Information**Description**

Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	OCI600
Alarm type	When alarm occurred, or when it occurred and disappeared
Alarm direction	All connection numbers that are dialed, e.g. phone numbers 1 + 2
Alarm phone no.	Connection number of this alarm, e.g. phone number 1

OCI611:**Information****Description**

Plant name	Name of the plant (setting on the central unit)
Device name	Name of the device that reported the fault (setting on the central unit), e.g. house 1
Segment number	Part of LPB address
Device number	Part of LPB address
Occurrence time	Date and time of day the fault was detected
Message	Error code: Error text
Transmission time	Date and time of day of PC at reception
Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	OCI611
Device type	Type of device that reported the fault. Device constant, e.g. RVL470

OZW10:**Information****Description**

Plant name	Name of the plant (setting on the central unit)
Plant number	Number of the plant (setting on the central unit)
Device	Device number assigned by the central unit
M-bus address	M-bus primary address
Customer number	Part of M-bus secondary address (can be set on certain types of devices)
Manufacturer's code	Part of M-bus secondary address: Manufacturer's device identification, e.g. SIE for Siemens
Medium / Type	Part of M-bus secondary address: Type of device, e.g. controller
Software version	Part of M-bus secondary address: Software version of device
Occurrence time	Date and time of day the fault was detected
Central unit error code	Error code of device: Central unit error code text
Device error code	Error code of device: Device error code text
Transmission time	Date and time of day of PC at reception

Information**Description**

Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	OZW10
Production number	Device constant assigned in the factory
Device type	Type of device that reported the fault. Device constant, e.g. RVD230

OZW111:**Information****Description**

Plant name	Name of the plant (setting on the central unit)
Plant number	Number of the plant (setting on the central unit)
Device	Device number assigned by the central unit
M-bus address	M-bus primary address
Customer number	Part of M-bus secondary address (can be set on certain types of devices)
Manufacturer's code	Part of M-bus secondary address: Manufacturer's device identification, e.g. SIE for Siemens
Medium / Type	Part of M-bus secondary address: Type of device, e.g. controller
Software version	Part of M-bus secondary address: Software version of device
Occurrence time	Date and time of day the fault was detected
Central unit error code	Error code of the device: Central unit error code text
Device error code	Error code of the device: Device error code text
Transmission time	Date and time of day of PC at reception
Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	OZW111
Production number	Device constant assigned in the factory
Device type	Type of device that reported the fault. Device constant, e.g. RVD230

OZW30:**Information****Description**

Plant name	Name of the plant (setting on the central unit)
Apartment number	Apartment number of the device
Device	Device number within the apartment
Customer number	Number of the plant (setting on the central unit)
Occurrence time	Date and time of day the fault was detected
Error number	Error text
Transmission time	Date and time of day of PC at reception
Phone no. plant	Phone number of the plant (setting on the central unit)
Type of central unit	OZW30

Information**Description**

Production number

Device constant assigned in the factory

OCI55:**Information****Description**

Plant name

Name of the plant (setting on the central unit)

Channel name

Name of the input where the fault was detected

Channel number

Number of the input where the fault was detected

Occurrence time

Date and time of day the fault was detected

Alarm state

Alarm or no alarm

Transmission time

Date and time of day of PC at reception

Phone no. plant

Phone number of the plant (setting on the central unit)

Central comm unit type

OCI55

OCI number

Central unit number of the plant

Channel type

Connection number and behavior of the alarm input

Alarm disappeared

Date and time of day when the fault was rectified

Independent of the type of central unit, the user can provide the following information to facilitate fault tracing:

Information**Description**

Acknowledged

Date and time of day the message was confirmed

Acknowledged by...

Button: Name of person who acknowledged the message

Rectified by...

Button: Deadline for rectification of fault

Edited by...

Button: Name of person responsible for rectification of the fault

Comment

Text box: Any comment on the incoming message

If you require ACS Help, you can start it directly by selecting the **Help** button.

The detail view of the alarm can be closed by selecting the **OK** button.


For more information, please refer to the following chapters:

- Receiving an alarm
- Overview of all alarms
- Printing alarms
- Exporting alarms

4.2.6 Printing alarms

Printing alarms received

Printing of alarms received

Alarms received can be output on a printer. To do this, choose the "Tools" menu – **Settings...** Then, from the **Settings** window via the **Printer** button: , select a

printer in window **Settings alarm printer** and activate the checkbox for **Print alarm on reception**.

Note: Use a line printer for printing incoming alarms because page printers print a new page each time an alarm is received.


Printing alarm list

Printing the alarm list

The alarm list can be output on a printer.

Before the alarm list can be printed out, you need to set up the printer. To do this, choose the "File" menu – **Printer setup....** The **Printer setup** window will appear. Here, you can make the settings for the Windows printer.

Check the printout with the help of the "File" menu – **Print preview** and change the arrangement of columns or the printer settings, if required.

The alarm list is printed out via the "File" menu – **Print...** or the respective button .

Note: Only the visible columns of the alarm list will be printed. When, via "Tools" menu – **Font...** in the **Font** dialog, setting **Arial 10** is selected, the result of the printout will be in accordance with the view on the alarm list.

For more information, please refer to the following chapters:

- Receiving an alarm
- Overview of all alarms
- Detail view of an alarm
- Exporting alarms

4.2.7 Exporting alarms

Exporting alarms received

Exporting received alarms

Alarms received are automatically exported to an ASCII file called alarm file in **C:\VACS** and having the extension ***aex**. Information is provided about all columns visible in the default state:

Column	Description
Plant name	Name of the plant (setting on the central unit)
Plant component	Device or input that delivered the message: <ul style="list-style-type: none"> • OZW77..: Device name (Area.Line.Device address) • OCI600: Channel name Module name • OCI611: Device name (Segment number.Device number) • OZW1..: Device type (Device) • OZW30: Device type (Apartment number.Device) • OCI55: Channel name Channel number
Occurrence time	Date and time of day of detection: <ul style="list-style-type: none"> • OZW7..: Fault date Fault time • others: Occurrence time
Message	Fault or state of plant component: <ul style="list-style-type: none"> • OZW7..: Fault: Fault text • OCI600: Alarm state • OCI611: Message • OZW1..: Device error code or Central comm unit error code • OZW30: Error number • OCI55: Alarm state
Transmission time	Date and time of day of PC at reception

Column	Description
Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	Type of central communication unit, e.g. OZW771

Automatically exported alarms can be read out and further handled by a program suited for use with ASCII files. This program must ensure that the export file's handled entries will be deleted.

Exporting alarm list

Exporting the alarm list

The alarm list can be manually exported. To do this, choose the "File" menu – **Export...** The **Export: alarms** window will appear. Here, you can select a **File name:** and the storage location. The alarms to be exported can be selected via selection box **Export All** or **Selection**. The required types of central communication unit can be selected under **Selection**.

The alarm list is exported for all visible and invisible columns, independent of their settings. An ASCII file with the extension ***.alm** will be generated.

Column	Description
Plant name	Name of the plant (setting on the central unit)
Plant component	Device or input that delivered the message: <ul style="list-style-type: none"> • OZW77...: Device name (Area.Line.Device address) • OCI600: Channel name Module name • OCI611: Device name (Segment number.Device number) • OZW1...: Device type (Device) • OZW30: Device type (Appartment number.Device) • OCI55: Channel name Channel number
Occurrence time	Date and time of detection: <ul style="list-style-type: none"> • OZW7...: Fault date Fault time • others: Occurrence time
Message	Fault or state of plant component: <ul style="list-style-type: none"> • OZW7...: Fault: Fault text • OCI600: Alarm state • OCI611: Message • OZW1...: Device error code or Central comm unit error code • OZW30: Error number • OCI55: Alarm state
Transmission time	Date and time of day of PC at reception
Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	Type of central communication unit, e.g. OZW771
Acknowledged	Date and time of day the message was confirmed
Acknowledged by	Name of person who acknowledged the message
Rectified by	Deadline for rectification of fault
Edited by	Names of persons responsible for rectification of the fault
Comment	Any comment on the message received

For more information, please refer to the following chapters:

- Receiving an alarm
- Overview of all alarms
- Detail view of an alarm
- Printing alarms

4.3 System report

4.3.1 Introduction to the "System report" application

Introduction

The system report is used for monitoring plant operation.

It contains general information about the plant, such as type of central unit, phone number of plant, and plant name. A system report can also transfer pending alarms, meter readings or operating hours to the OCI600 central unit.

An incoming system report can be output on a printer.

The system report list can be printed out.

For more information, please refer to the following chapter:

- Processes in the "System report" application

4.3.2 Processes in the "System report" application

Processes

This chapter describes the following processes:

- Receiving a system report
- Overview of all system reports
- Detail view of a system report
- Printing system reports
- Exporting system reports

4.3.3 Receiving a system report

Receiving a system report

When received, a system report is entered on the system report list. If pending alarms are also transferred, reception of the alarms will be indicated according to the selection made in the "Alarm" application: As an acoustic signal, output on a printer, or popup window.

Detailed information about the system report can be displayed with the help of Detail view of a system report.

For more information, please refer to the following chapters:

- Overview of all system reports
- Detail view of a system report
- Printing system reports
- Exporting system reports

4.3.4 Overview of all system reports

Overview

An overview of all system reports received is given in the system report window. After opening an alarm file, the "Window" menu – **New system report window** must be called up to open a system report window. The system reports received will be shown in tabular form on a list. The following columns are available:

Column text	Description
Plant name	Name of the plant (setting on the central unit)
Transmission time	Date and time of day of PC at reception
Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	Type of central communication unit, e.g. OZW771

The arrangement of columns and the column texts in the system report window are fixed and cannot be changed.

System report list

The system report list can be sorted. When clicking on the column heading with the left mouse button, sorting is made in ascending or descending order. The same result is obtained via the "Sort" menu – **Visible columns list**.

The system report list can be made to appear in several system report windows. To do this, choose the "Window" menu – **New system report window**. A new alarm window will appear. Switching between the alarm windows is made possible via the "Window" menu – **Open system report windows list**. Further, windows **Cascade**, **Tile horizontally** and **Tile vertically** can be rearranged.

Within a system report window, it is possible to navigate directly to individual system report entries:

- 200 entries downward: "Alarm" menu – **+ 200**. This function is only available if the system report list contains more than 200 entries
- 200 entries upward: "Alarm" menu – **- 200**. This function is only available if the system report list contains more than 200 entries
- Specific entry: "Alarm" menu – **Goto...** Enter the requested number in the **Goto system report** window


To delete entries, choose the "Edit" menu – **Delete selected system reports**. You can select the system reports to be deleted by clicking with the left mouse button or by choosing the "Edit" menu – **Select all** or **Invert selection**.

For more information, please refer to the following chapters:

- Receiving a system report
- Detail view of a system report
- Printing system reports
- Exporting system reports

4.3.5 Detail view of a system report

Detail view

The system report window shows an overview of all system reports. When double-clicking on an entry with the left mouse button, the system reports with all details will appear in the system report window. The detail view can also be opened via the "Edit" menu – **Properties**, or by selecting symbol .

The following information can be displayed via the **Mode** selection box:

- **System report**: For all types of central communication units
- **Pending alarms**: Only OCI600
- **Counters**: Only OCI600

- **Operating hours:** Only OCI600

For selecting the **System report**, the following information is available:

OZW7..:

Information	Description
Plant name	Name of the plant (setting on the central unit)
Plant state	State of the plant: OK or fault
Transmission date	Date of PC at reception
Transmission time	Time of day of PC at reception
Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	OZW775 or OZW771

OCI600, OCI611, OZW10, OZW111, OZW30, OCI55:

Information	Description
Plant name	Name of the plant (setting on the central unit)
Transmission time	Date and time of day of PC at reception
Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	Type of central communication unit, e.g. OZW771

For selecting **Pending alarms**, the following information is available **bei OCI600:**

Information	Description
Channel name	Name of the input where the fault was detected
Module name	Name of the module where the fault was detected
Occurrence time	Date and time of day the fault was detected
Alarm state	Error code: Error text
Alarm type	When alarm occurred, or when it occurred and disappeared
Alarm direction	All connection numbers that are dialed, e.g. phone numbers 1 + 2
Alarm phone no.	Connection number of this alarm, e.g. phone number 1

For selecting **Counters**, the following information is available **bei OCI600:**

Information	Description
Channel name	Name of the input where the counter is connected
Module name	Name of the module where the counter is connected
Occurrence time	Date and time of day of PC at reception
Counter value	Current counter reading, without unit
Counter unit	Unit of counter reading, e.g. l*100

For selecting **Operating hours**, the following information is available **with the OCI600**:

Information	Description
Channel name	Name of the input with which operating hours are counted
Module name	Name of the module with which operating hours are counted
Occurrence time	Date and time of day for the operating hours
Operating hours	Current number of operating hours [h]
State of operating hours counter	Current state of the input (on / off)

If you require ACS Help, you can start it directly by selecting the **Help** button.

To close the detail view of the system report, select the **OK** button.

For more information, please refer to the following chapters:

- Receiving a system report
- Overview of all system reports
- Printing system reports
- Exporting system reports


4.3.6 Printing system reports

Printing system reports

The system report list can be output on a printer.

Before the system report list can be printed out, you need to set up the printer. To do this, choose the "File" menu – **Printer setup....** The **Printer setup** window will appear. Here, you can make the settings for the Windows printer.

Check printout with the help of the "File" menu – **Print preview** and change the printer settings, if required.

The system report list is printed out via the "File" menu – **Print...** or the respective button .

For more information, please refer to the following chapters:

- Receiving a system report
- Overview of all system reports
- Detail view of a system report
- Exporting system reports

4.3.7 Exporting system reports

Exporting system reports

The system report list can be manually exported. To do this, choose the "File" menu – **Export....** The **Export: system report** window will appear. Here, you can select a **File name:** and the storage location. The alarms to be exported can be selected via selection box **Export All** or **Selection**. The required types of central communication units can be selected under **Selection**.

The system report list is exported for the columns listed below. An ASCII file with the extension ***.alm** will be generated.

Column	Description
Plant name	Name of the plant (setting on the central unit)
Transmission time	Date and time of day of PC at reception
Phone no. plant	Phone number of the plant (setting on the central unit)
Central comm unit type	Type of central communication unit, e.g. OZW771
Channel name *	Name of the input where the fault was detected
Module name *	Name of the module where the fault was detected
Occurrence time *	Date and time of day the fault was detected
Alarm state *	Error code: Error text
Alarm type *	When alarm occurred, or when it occurred and disappeared
Alarm direction *	All connection numbers that are dialed, e.g. phone numbers 1 + 2
Alarm phone no. *	Connection number of this alarm, e.g. phone number 1
Counter value *	Current counter reading, value without unit
Counter unit *	Unit of counter reading, e.g. l*100
Operating hours *	Current number of operating hours [h]
State of operating hours counter *	Current state of the input (on / off)

* These columns are only supported by the OCI600

For more information, please refer to the following chapters:

- Receiving a system report
- Overview of all system reports
- Detail view of a system report
- Printing system reports

5 Menus

5.1 Presentation of menus

Presentation of menus

Menus contain functions that cannot be executed at certain times because other functions need to be called up first, or because communication has not been opened.

Menu items that cannot be used in the respective application will be hidden. Menu items that cannot at present be executed are shown in grey.

For more information, please refer to the following chapter:

- Main menu

5.2 Main menu

Main menu

With ACS Alarm, you can receive alarms and system reports and store them in an alarm file. After a new installation is set up, an *.**ala** alarm file does not yet exist. Some menu items are not visible and cannot be accessed. As soon as you have created a new alarm file or have opened an existing alarm file, change the available menu items and the tool bar.

The main menu contains the following items:

- The "File" menu
- The "Edit" menu
- The "View" menu
- The "Tools" menu
- The "Alarm" menu
- The "Sort" menu
- The "Window" menu
- The "Help" menu

For more information, please refer to the following chapter:

- Presentation of menus

5.3 The "File" menu

"File" menu


The **File** menu contains the following items provided an alarm file has not yet been selected:

- **New:** Creates a new alarm file: – Creating an alarm file
- **Open...:** To open an existing alarm file – Opening an alarm file
- **Printer setup...:** Windows' **Printer setup** window appears. In this window, you can select a printer and make printer settings
- **Recently used file list:** The four alarm files opened last will appear. You can open the relevant alarm file – Opening an alarm file

- **Exit:** ACS Alarm will be closed

The "**File**" menu contains the following items provided an alarm file has already been selected:

- **Export...:** Incoming alarms can be exported to a file – Exporting alarms
- **Print...:** For printing the current application:
 - Printing alarms
 - Printing system reports

The current application can also be printed out by selecting button .


- **Print preview:** This function shows a preview of the printout. For more information, refer to **Print...**
- **Printer setup...:** Windows' standard window **Printer setup** appears. In this window, you can select a printer and make printer settings
- **Close:** The alarm file will be closed

5.4 The "Edit" menu

"Edit" menu

The **Edit** menu provides the following menu items:

- **Delete selected alarms:** Highlighted entries will be deleted
- **Select all:** All entries in the active window will be highlighted
- **Invert selection:** All highlighted entries in the active window will be shown as non-highlighted and all non-highlighted entries will be shown as highlighted
- **Select as acknowledged:** An entry on the alarm list which has not yet been acknowledged will be marked as acknowledged
- **Select as not acknowledged:** An entry on the alarm list which has already been acknowledged will be marked as unacknowledged
- **Properties:** Will open the detail view for the highlighted entry
 - [Detail view of an alarm](#)
 - Detail view of a system report

The detail view of the highlighted entry can also be opened by selecting button  or by double-clicking on the entry with the left mouse button.

5.5 The "View" menu

"View" menu


The **View** menu provides the following menu items:






- **Tool bar:** Shows or hides the ACS Alarm tool bar
- **Status bar:** Shows or hides the ACS Alarm status bar

5.6 The "Tools" menu

"Tools" menu

The **Tools** menu provides the following items:




- **Connections...:** For selecting the connections to be monitored – Supervising a connection
- **Settings...:** The following selection boxes are available:
 - **Sound on alarm reception.** The settings can also be made by selecting button 

- **Print on alarm reception**, if, in the **Settings** window, an appropriate printer has been selected via the **Printer** button: :
 - Printing
 - Printing system reports
 - **Popup on alarm reception**: An incoming alarm appears as a window in the foreground - Popup
 - **Language dialog with a new start**: Language can be selected when making a fresh start of ACS Alarm – Changing the language
 - **Arrange columns...:** Text, arrangement and visibility of the columns can be adjusted to suit user-specific needs. Window **Arrange Columns** will appear. Here, the currently **Visible columns** and **Invisible columns** are shown:
 - Select a visible column and button  to hide it from the alarm list
 - Select an invisible column and button  to hide it from the alarm list
 - Select a visible column and button  or  to change its position
 - Select a visible column and button **Rename...** to assign a user-defined column text
 - Select button **Default** to retrieve the default state
- Note: When changing the language, the user settings are maintained and will not be overwritten.
- **Font...:** For changing the font for column text and the entries for the active application

5.7 The "Alarm" menu

"Alarm" menu

The **Alarm** menu provides the following items:

- **+ 200**: The view jumps downward by 200 entries. This can also be made by selecting button . This function is only possible if the list contains more than 200 entries
- **- 200**: The view jump upward by 200 entries. This can also be made by selecting button . This function is only possible if the list contains more than 200 entries
- **Goto...:** The view jumps to the entry made. This can also be made by selecting button 

5.8 The "Sort" menu

"Sort" menu

The **Sort** menu offers the following items:

- **Visible columns list**: Sorts all entries of a visible column in ascending or descending order

5.9 The "Window" menu

"Window" menu

The **Window** menu provides the following items:

- **Cascade**: Arranges all open windows in an overlapping pattern so that the title bars of the individual windows are visible
- **Tile horizontally**: Arranges all open windows side by side and as high as possible
- **Tile vertically**: Arranges all open windows one above the other and as wide as possible


- **Arrange icons:** Arranges all symbols (iconized windows) side by side
- **New alarm window:** Opens a new alarm window
- **New system report window:** Opens a new system report window
- **Open windows list:** At the end of the menu, all open windows will be listed. You can place any of the windows in the foreground

5.10 The "Help" menu

"Help" menu

The **Help** menu offers the following items:

- **Content:** Starts the Help function for ACS Alarm (same as pressing the **F1** key in ACS Alarm)
- **Use help:** Shows the topics for using the Help function (same as pressing the **F1** key when the Help function of ACS Alarm has been started)
- **About ACS Alarm...:** Shows program information about ACS Alarm in a window. For support requests, it is especially information about the **Version** and **Date** and appropriate information about the computer and the operating system and Service Pack used that is important

To start the Help function, you can also select button 

6 Tips und tricks


6.1 Alarm file

Alarm file	Information about the alarms and system reports received is stored in an alarm file. This file contains:
Alarms	<ul style="list-style-type: none">• Information about all alarms received:<ul style="list-style-type: none">• Contents of all columns of the alarm window (both visible and invisible)• Contents of all boxes of the detail view of the alarms received (including entries made by the user)
System reports	<ul style="list-style-type: none">• Information about all system reports received:<ul style="list-style-type: none">• Contents of all columns of the system report window• Contents of all boxes of the detail view of the system reports received

For more information, please refer to the following chapters:

- Creating an alarm file
- Opening an alarm file
- Closing an alarm file

6.2 Properties


Properties	Double-click with the left mouse button on the entry whose properties you wish to display or change. The respective window Message: Plant name or System report: Plant name will open. The window contains the detail view for the entry.
Alarm window	For entries in the alarm window, you can make the following user entries: <ul style="list-style-type: none">• Comment: Any user entry• Acknowledged by...: Information about the person who acknowledged the message• Rectified until...: Deadline by which the fault must be rectified• Edited by...: Information about the person responsible for rectifying the fault
System report window	In the system report window, you can select the Mode in an option box: <ul style="list-style-type: none">• System report: Detailed information about the system report• Pending alarms: List of alarms currently pending (only OCI600)• Counter: Transmission of pulse readers' readings• Operating hours: Transmission of operating hours of hours run counters Alternatively, you can open the Message: Plant name window or System report: Plant name by clicking on the entry with the left mouse button and then choosing the "Edit" menu – Properties , or by selecting button 

In the detail view of a message or system report, ACS Help can be called directly by selecting the **Help** button with the left mouse button.

The detail view can be closed by selecting the **OK** button with the left mouse button.


6.3 Print

Printing	Printing the alarm or system report window: Select the alarm or system report window you want to print out. Choose the "File" menu – Print... Windows' Print window will appear. If required, you can change the current printer settings. Select the OK button to start printing.
----------	--

You can also start printing by selecting button: 

Note: Only the visible columns of the alarm list will be printed. When, via "Tools" menu – **Font...** in the **Font** dialog, setting **Arial 10** is selected, the result of the printout will be in accordance with the view on the alarm list.

Printing incoming alarms and system reports:


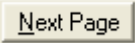


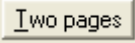
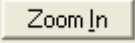
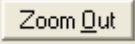
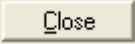
Incoming alarms and system reports can be output on a printer. To do this, choose the "Tools" menu – **Settings....** The checkbox for output on the printer can be selected only if an appropriate printer has been selected via the **Printer** button .

Note: For incoming alarms and system reports, use a line printer because page printers print a complete page for each alarm or system report received.

6.4 Print preview

Print preview

Select the alarm or system report window from which you want to generate a print preview. Choose the "File" menu – **Print preview**. The print preview will appear. The view can be changed via the following buttons:

<i>Button</i>	<i>Function</i>
	Prints the alarm or system report window.
	Shows the next page of the printer preview if several pages exist.
	Shows the previous page of the print preview if several pages exist.
	Shows the print preview on one page if several pages exist.
	Shows the print preview on two pages if several pages exist.
	Enlarges the print preview.
	Minimizes the print preview.
	Closes the print preview.

6.5 Modem problems

Modem problems

Should you encounter any problems when installing your modem, refer to Windows Help. You start Windows Help by clicking on Desktop with the left mouse button and then pressing the F1 key.

Windows XP:

Enter the "Modem" search option in the **Help and Support Center** under **Search**, or choose "Modem" under **Hardware** and follow Windows Help instructions.

Windows 2000:

Enter the "Modem" search option in the Help function under **Index** and choose "Modem Problembehebung". Follow Windows Help instructions.

Index

A	
ACS Alarm.....	5
ACS Batchjob	5
ACS Operating	5
ACS Service	5
ACS7.....	5, 6
Alarm	6, 30
Alarm file	32
Alarm list.....	14, 20, 21
Alarm menu	30
Alarm printer.....	20, 26
Alarm software	5
Alarm window	15
Alarms	23
Applications	5, 14
Arrange columns	15
B	
Batchjob software.....	5
C	
Changing the language	8
Closing an alarm file.....	11
Columns	29
Comment.....	14
Connections	29
Counter.....	24
Counter values	23
Creating an alarm file	10
D	
Deleting alarms	15
Detail view	17, 24
Detail view of a system report	24
Detail view of an alarm	17
Direct	6, 11
Dongle	6
E	
Edit	29
Edit menu	29
Export.....	21, 26, 28
Exporting alarms	21
Exporting system reports.....	26
F	
File menu.....	28
First steps.....	10
Functions.....	6
G	
Goto.....	15
H	
Help	14, 17, 24, 31
Help menu.....	31
I	
Installing the software.....	6
Introduction to the Alarm application	14
Introduction to the System report application	23
Invisible columns	15
K	
KNX	5
L	
Language.....	8
Language dialog	29
Languages	6
Licensing	6
LPB.....	5
M	
Main menu	28
M-bus.....	5
Modem.....	6, 11
Modem problems	33
O	
OCI55	17
OCI600	5
OCI611	5
OCI69	5
OCI700	5
Opening an alarm file	10
Operating hours.....	23, 24
Operating software	5
Overview.....	5
Overview of all alarms	15
Overview of all system reports	24
OZW10	5, 17
OZW111	5, 17
OZW30	17
OZW600	17
OZW611	17
OZW771	5, 17
P	
Pending alarms.....	24
Plant information.....	23
Popup	14, 29
Preparing a connection.....	11
Presentation of menus.....	28
Print	20, 26, 28, 29, 32, 33
Print preview	20, 26, 28, 33
Printer	14, 20, 26, 28, 29, 33
Printer setup	20, 26, 28, 33
Printing alarms.....	20
Printing system reports	26
Processes.....	8
Processes in the Alarm application	14
Processes in the System report application	23
Properties	32
R	
Receiving a system report	23
Receiving an alarm.....	14
S	
Service software	5

Settings	29
Siemeca	5
Sort	30
Sort menu	30
Sound.....	14, 29
Starting the ACS Alarm.....	8
Status bar.....	29
Supervising a connection.....	12
Synco	5
System report.....	6, 24
System report list	23
System report window.....	24
System requirements	6

T	
Tool bar	29
Tools menu	29
U	
USB.....	11
V	
View	29
View menu	29
Visible columns	15
W	
Window	30
Window menu	30

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