

Alarm Software ACS900

Installation and User Manual

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1 Introduction

1.1 General

This Installation and User Manual provides information for installing the alarm software package ACS900. Hence, it does not contain operating instructions in the proper sense.

For operating the software package, the Help menu is at your disposal.

The ACS900 is an integral part of the software package ACS600 and serves for evaluating alarms.

1.2 Designations of PC keys

When using the keys of your PC, please note :

- [SHIFT] + [CTRL] The plus sign between two keys means that both keys must be pressed at the same time.
- [CTRL] Designations in uppercase letters denote keys.
- [Directions keys] There are no keys that carry lowercase letters. The key that must be pressed is the one specified in the manual.

This manual uses, the designations of the American / English keyboards.

For the use of German language keyboards, the following list shows you the equivalent key designations in German:

English	German
[CTRL]	[STRG]
[DELETE]	[ENTF], [LÖSCHEN]
[END]	[ENDE]
[HOME]	[POS1]
[INSERT]	[EINFG], [EINFÜGEN]
[PAGE DOWN]	[BILD ↓], [BILD UNTEN]
[PAGE UP]	[BILD ↑], [BILD AUF]
[Shift], [↑]	[Umschaltung], [↑]

2 System overview

2.1 General

The alarm software ACS900 is used for evaluating alarms on a PC that is capable of receiving alarms and status signals from an appropriately equipped central communication unit OCI155, OCI600 or OZW30.

The ACS900 is an integral part of the operating software package ACS600 and supplied with it. It is a program for parameterization and for reading data off plants. A plant consists of one or several devices and at least one central communication unit (e.g. OCI600).

For detailed information about the operating software ACS600, please refer to the relevant documentation.

To work with the ACS900, the ACS600 need not be started. However, to make full use of all the functions provided, it is recommended to load both programs. The order in which the two programs are started up is of no importance.

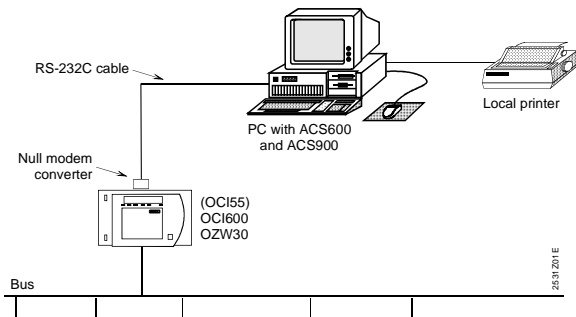
The alarm software ACS900 can receive alarms and status signals from the central communication unit (e.g. OCI600) either directly or via modem.

2.2 Communication

The alarm software ACS900 can communicate with the central communication unit (e.g. OCI600) either directly or via modem.

2.2.1 Directly

The local connection between a PC, on which the operating software ACS900 is installed, and an OCI600 is established via a cable conforming to the RS-232C Norm. Also, the OCI600 must be used with a null modem converter.

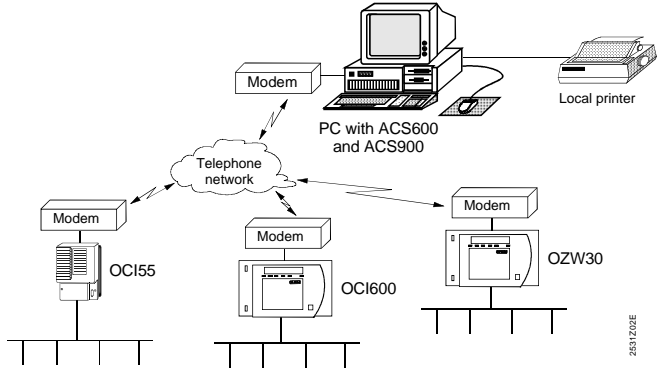


Depending on the cable length, the following should be observed :

- If the cable length **does not exceed 30 m**, it is possible to work directly with the cable
- If the cable length **exceeds 30 m**, appropriate converters are required to convert the signals to RS-422, TTY, or similar signals

2.2.2 Via the telephone network

For the connection from the OCI600 to a PC operator's station with the ACS900 via the telephone network, two appropriate modems are required, one at the OCI600 and one at the PC operator's station.



2.2.3 Field of use

The alarm software ACS900 is used in plants that contain one or several LPB-compatible Landis & Staefa controllers.

Alarms can be received from one or several central communication units OCI155, OCI600 or OZW30.

2.3 Contents of ACS900 package

The ACS900 is an integral part of the software package ACS600.

The ACS900 is supplied as a set in a box containing:

- 3½ in. diskettes (1.44 MB)
- Manuals

2.4 System requirements

2.4.1 PC (hardware)

For communication with a central communication unit (e.g. OCI600), a PC operator's station with the following specification is required:

Processor:	min. Pentium / 100 MHz
RAM:	min. 16 MB recommended 32 MB
Hard disk:	>10 MB storage capacity (depending on the number of plants and the amount of data read off the plant)
Screen:	VGA standard driver 640 x 480 or higher resolution
Ports:	serial COM1...COM4, up to 9,600 Baud
Operating system:	Windows 95 or Windows 98
Diskette drive:	3½ in. (1.44 MB)

2.4.2 Software

For the graphic presentation of values, alarm messages, etc., a spreadsheet program such as MS-Excel is required. It must be suited for handling ASCII files

- that consist of several lines and columns
- whose columns are separated by tabs

2.4.3 Modem

If communication takes place via the telephone network, modems are required. Supply of the software package includes a number of modem drivers.

Of course, special modem settings can be made with the ACS900.

2.4.4 Accessories

- Central communication unit OCI600
- Standard RS-232 cable (1:1 wiring)
- Standard null modem adapter
- Modem for telephone communication

Depending on the PC's port, you may also require an adapter (commercially available, for a reduction from 25 to 9 pins, or vice versa). Please ensure that the PC port and the cable have the correct connectors fitted.

Note

The above accessories are not supplied as standard.

3 Installation

3.1 Installing the hardware

To establish a connection to a plant, you need to connect the OCI600 to a COM port of your PC or a modem. For more details, please refer to section "Communication".

3.2 Installing the software

The ACS900 is an application running under Windows 95 or Windows 98.

Note

For detailed software installation instructions, please also refer to the manual of the ACS600.

During the installation, you can work with the default settings.

To load the software package ACS900 from the installation diskette to your hard disk, proceed as follows:

1. Insert ACS900 diskette no.1 in drive **a:** or **b:**.
2. Open My Computer and double-click on the diskette symbol **a:** or **b:**.
3. Double-click on **Setup** (application).
4. Choose **OK** or press the Enter key.
5. Follow the instructions given on the screen for installing your ACS900 software. The installation program will automatically install the software on your system.

4 ACS900 Help

The integrated help program provides detailed information about the functions and operating sequences.

For this reason, no detailed description of the ACS900's operation is given in this manual.

4.1 First steps

A description of the main sequences is given in ACS900 Help. The «Help» menu and menu choice «Contents» will take you to the first Help page.

From here, you can choose the various topics. You can also call up help text for the various actions.

4.1.1 Calling up ACS900 Help

There are various choices to reach ACS900 Help:

Function key F1

You can call up ACS900 Help by pressing function key F1. This will take you to the description of the window currently in use.

«Help» menu

On the main menu of the ACS900, you will find the «Help» menu, which you can call up at any time.

Menu choices

The menu items have the following meaning:

« Contents »	Calls up ACS900 Help, which is to be operated like any other Help program of a Windows application.
«How to Use Help »	Calls up the Windows Help program.
«About...»	Shows you information about your software package in a dialogue window: version number and build number as well as the software production date.

4.1.2 Printing Help text

You can print individual Help text sections by selecting menu choices «Print Topic» from the «File» menu.

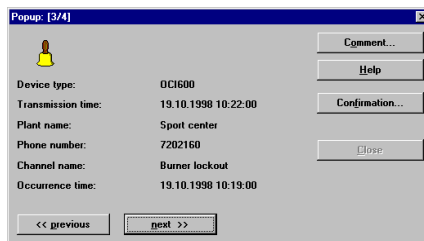
5 Displays

5.1 Alarm reception

If an alarm is received, it is entered on a list. The list contains all information about the alarms required for further handling in other programs, such as MS-Excel.

5.2 Popup

If activated, a Popup window appears when receiving a status signal.



To close the window, thus saving the entry on the list, it must be confirmed. Then, if additional status signals have been received, they will be displayed in the reverse order of their occurrence. This means that the status signal displayed is the most recent.

5.3 Alarm list

This window contains the list of all the alarms that have been received by the ACS900.

Type	Transmission time	Phone number	Plant name	Type of error	Occurrence time
OC1600	19.10.1998 10:57:00		Stadion East	Hot water	19.10.1998 10:57:00
OC1600	19.10.1998 10:30:00	7202160	Sport center	Burner lockout	19.10.1998 10:19:00
OZW30	19.10.1998 10:26:04	7244758	Airport	Alarm input 1	19.10.1998 10:25:00
OC155	19.10.1998 10:22:00	7202160	Lion hotel	Boiler temp	19.10.1998 10:21:00
OZW30	19.10.1998 09:54:11	7244758	Airport	Alarm input 1	19.10.1998 09:53:00
OC155	19.10.1998 09:45:00	7202160	Lion hotel	Burner fault	19.10.1998 07:52:00
OZW30	19.10.1998 09:42:30	7244758	Airport	Alarm input 1	19.10.1998 09:41:00
OC1600	19.10.1998 09:40:00	7202160	Sport center	Burner lockout	19.10.1998 09:39:00
OC155	19.10.1998 09:35:00	7202160	Lion hotel	Boiler temp	19.10.1998 09:34:00
OC1600	19.10.1998 09:13:00		Stadion East	Burner failure	19.10.1998 09:13:00
OC155	19.10.1998 07:58:00	7202160	Lion hotel	Burner fault	19.10.1998 07:57:00
OZW30	19.10.1998 07:55:10	7244758	Airport	Alarm input 1	19.10.1998 07:54:00
OC155	19.10.1998 07:34:00	7202160	Lion hotel	Boiler temp	19.10.1998 07:33:00
OC1600	19.10.1998 06:43:00		Stadion East	Hot water	19.10.1998 06:43:00
OZW30	19.10.1998 05:54:25	7244758	Airport	Alarm input 1	19.10.1998 05:53:00

Press F1 for help

COM1 COM2

5.4 Individual selection

By clicking on an individual line, details of the alarm message will be displayed.

Alarm: OC1600

Date of acknowledgement: 19.10.1998 11:00

(Popup)

Comment: broken fuse changed 19.10.98
13:30 A.Brown

Type: OC1600

Transmission time: 19.10.1998 10:30:00

Plant name: Sport center

Phone number: 7202160

Occurrence time: 19.10.1998 10:19:00

Type of error: Burner lockout

Module name: Miller School

Alarm type: When occurring and disappearing

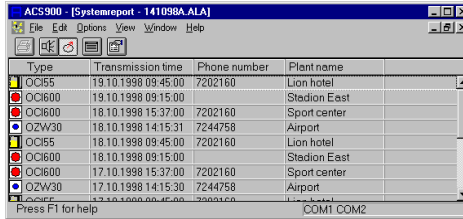
State: Normal

Direction: 5

Telephone channel: 1

5.5 System report

It is possible to display a system report of all status signals that have been received by the ACS900.

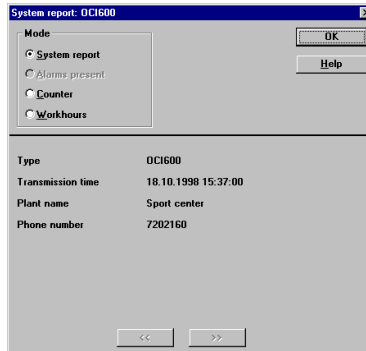


Type	Transmission time	Phone number	Plant name
OCI655	19.10.1998 09:45:00	7202160	Lion hotel
OCI600	19.10.1998 09:15:00		Stedion East
OCI600	18.10.1998 15:37:00	7202160	Sport center
OZW30	18.10.1998 14:15:31	7244758	Airport
OCI655	18.10.1998 09:45:00	7202160	Lion hotel
OCI600	18.10.1998 09:15:00		Stedion East
OCI600	17.10.1998 15:37:00	7202160	Sport center
OZW30	17.10.1998 14:15:30	7244758	Airport
OCI655	17.10.1998 09:45:00	7202160	Lion hotel

By clicking on an individual line, details of the system report will be displayed.

5.6 Detail

The first window displays information that is contained in the system report.



System report: OCI600

Mode

System report

Alarms present

Counter

Workhours

OK

Help

Type: OCI600

Transmission time: 18.10.1998 15:37:00

Plant name: Sport center

Phone number: 7202160

<< >>

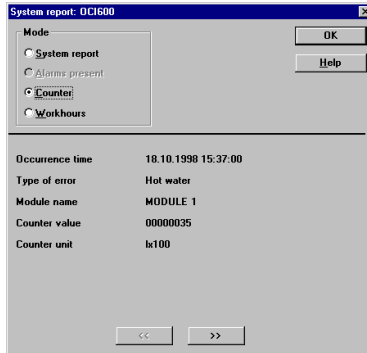
Note

The complete system report contains:

- Plant information
- The present plant alarms
- The meter readings
- The number of operating hours

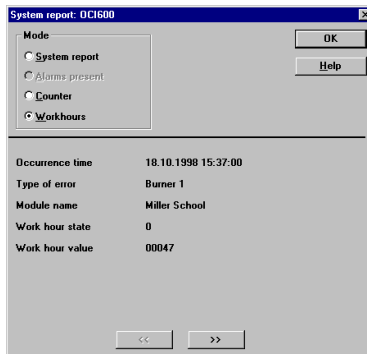
5.7 Meter readings (Counter)

If the plant contains metering modules, their readings at the time of system report transmission can be displayed.



5.8 Operating hours (Workhours)

If, on the central communication unit, digital inputs have been parameterized as hours run meters, their readings at the time of system report transmission can be displayed.



6 Rectification of faults

Should faults occur, please make the following checks:

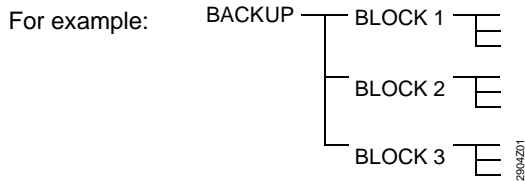
- Is the RS-232 cable connected to the correct COM port?
- Is the plant connected to the OCI600?
- Is the connection to the appropriate COM port correctly defined?
- Are the system requirements satisfied?

7 Archiving

Please remember that the data you edit with the ACS900 are data you must be able to access after a longer period of time.

To ensure the data will be retained for at least one year, the following measures are recommended:

- Save your data according to a backup concept
- Ensure that you save the respective data in a format you can straightforwardly handle at any time
- Use the short names from the plant directory as the sub-directory for the files



8 Support

8.1 General notes

Should you encounter hardware or software problems, please always consult the manual first.

If you do not find the answer to your problem, maybe ACS900 Help can be of assistance, depending on the type of problem (refer to section "ACS900 Help").

If you are still unable to solve the problem, please contact the Landis & Staefa sales office nearest you.

8.2 Information required for support

If you contact your Landis & Staefa sales office, please make certain you have the following information at hand:

- Version number (refer to «Help» menu under «Info...» or the diskette)
- Production date of your ACS900 software package (refer to «Help» menu under «Info...» or the diskette)
- Precise wording of the fault message
- Type and version of your central communication unit
- Type of PC used by you
- Operating system and Windows version
- Contents of CONFIG.SYS and AUTOEXEC.BAT files

This information will allow us to solve your problem in the shortest possible time.

9 End user agreement

By purchasing the alarm software package ACS900, you accept the conditions agreed upon between you (the user) and Siemens Building Technologies AG, Landis & Staefa Division, covering the use of the software package and the associated documentation.

Siemens Building Technologies AG, Landis & Staefa Division, does not assume any liability for damage or loss, including loss of data and files, or of programs stored by the user.

If you have any questions in connection with the agreement, please contact your Siemens Building Technologies AG sales office.

You may not modify, convert, decompile or decompose the software package or the associated documentation, or develop other programs from it.

You may not let, lend out or sell the software package to thirds.

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