



Alarm and event notification

Connections:

iFIX, WinCC / PCS 7, atvise web HMI, InTouch, OPC, DDE



MELSYS – characteristics and functionality

The MELSYS software package enables the transmission of alarms and events from automation systems to pagers, fax devices, telephone systems and via e-mail. It supports the continuous monitoring of systems, particularly when they are unmanned. The alarms received by the control system are sent directly and automatically to the receivers. The mes

sages can be transmitted as text or as text to speech alarm annunciation and can be remotely acknowledged right through to the PLC level. The system has an integrated automatic redial and can switch to a different receiver in the event of a fault. It offers a project management option for several systems and intuitive drag and drop configuration.

Connections / Interfaces / Languages

The connections to the HMI SCADA systems are integrated such that indication and alarm texts are directly transferred and processed. At each new alarm from the HMI SCADA the alarm text is polled again. Because of a deeper integration it is no longer necessary to support the text in both systems.

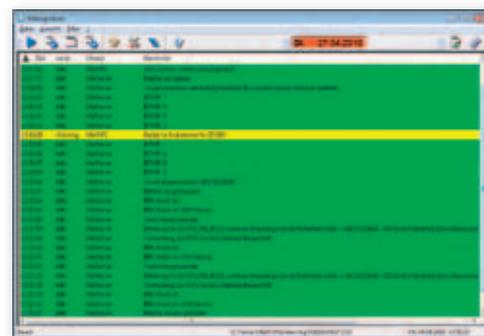
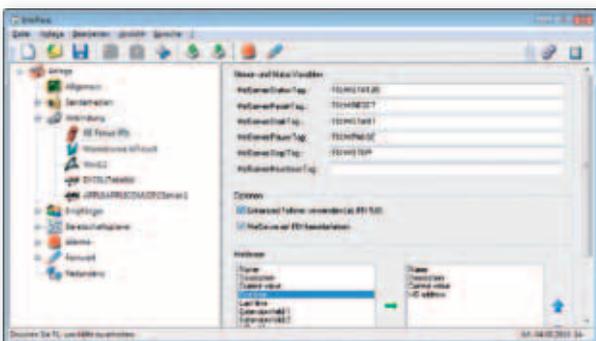
All data can be made available using the import/export functions. This supports simple handling and fast configuration.

Intergrated interfaces to the following systems are available:

- ▶ WinCC und PCS 7 by Siemens
- ▶ iFIX by GE
- ▶ atwise web HMI by Certec
- ▶ OPC and DDE
- ▶ InTouch by Invensys
- ▶ further on request

The following languages are available for MELSYS (high-quality TTS Engine):

- ▶ English
- ▶ German
- ▶ Italian
- ▶ further on request



Supported services

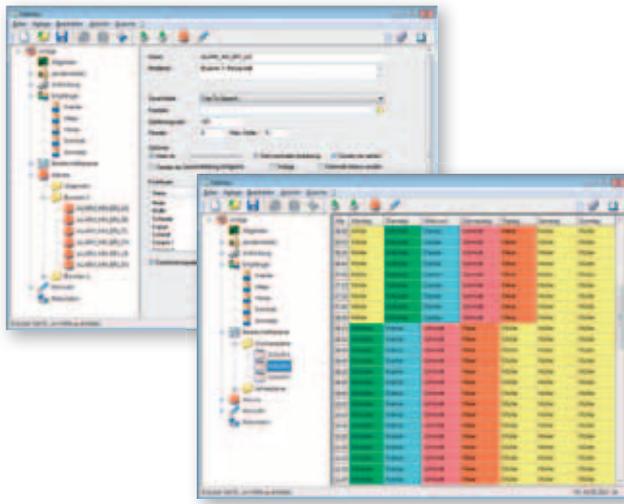
The following are just some of the services that are supported.

- ▶ SMS Telekom D1
- ▶ SMS vodafone D2
- ▶ SMS e-plus
- ▶ SMS O2
- ▶ SMS SwissCom
- ▶ SMS (GSM)
- ▶ SMS various (on request)
- ▶ Speach (file -wav)
- ▶ Speach (tts - text to speech via SVOX)
- ▶ Speach (Audio Out via loudspeaker)
- ▶ Fax
- ▶ e-mail (MAPI direct)
- ▶ e-mail (connect via DFÜ)
- ▶ Cityruf
- ▶ Telepage
- ▶ further on request

Emergency standby schedule/shift management and telephone backup

MELSYS offers an extremely flexible emergency standby scheduler. It lets you specify who can be reached, when, where and how you want. The scheduler can have a resolution of up to 15 minutes and offers a range of different stages.

You can enter as many schedules as you want. Configuration of the emergency standby scheduler is simple and intuitive. All shift schedules can be created using drag and drop. Quick and easy implementation of own emergency schedules for service/emergency personnel.



Security

The following are just some of the services that are supported:

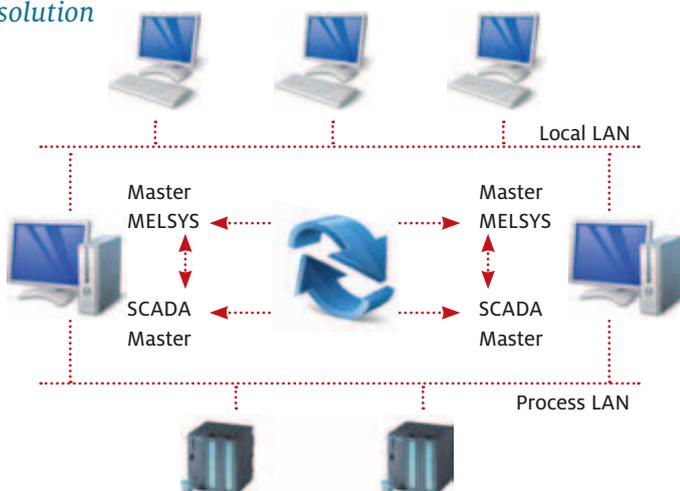
- ▶ Sophisticated escalation system (required service staff is reliably achieved)
- ▶ Option of an distributed SMS via GSM (in case of a disconnected telephone line)
- ▶ New redundancy concept (in case of a computer breakdown)
- ▶ High quality text to speech engine with the option to quit alarms
- ▶ Protocol of all alarms and changes of the system

Remote value polling

This function makes it possible to call MELSYS directly from any phone and mobile.

Using a freely definable group interrogation, it is then possible to filter out each current system value selectively and have the values read out. The ideal accessory for mobile services and maintenance.

Redundancy solution



Functional overview



MELSYS offers the following advantages:

- ▶ increased availability of automated systems
- ▶ reduction of down-times
- ▶ cost savings due to efficient allocation of emergency standby personnel
- ▶ reduced travel
- ▶ system control through remote interrogation
- ▶ application check during start-up
- ▶ easier handling of emergency standby schedule
- ▶ extremely fast configuration using import/export functions
- ▶ sequence log for reliability/control
- ▶ additional functions (on request)

Please contact us if you:

- ▶ would like MELSYS under your own label
- ▶ require separate system connections
- ▶ would like additional language versions
- ▶ additional functions (on request)

technical data:

PC-Software: Windows XP, 2008 Vista, Windows 7
Microsoft Windows Server 2003/2008

Modem: ISDN Card from AVM,
AVM Fritz! Card USB und PCI,
AVM B1,
eicon Diva Server BRI-2M 2.0,
GSM Modem by Dr. Neuhaus,
ES 75i by VIDEDEC

Connection: GE – iFIX,
Siemens – WinCC, PCS 7
Certec – atvise web HMI
Invensys – InTouch
further on request

Conects: OPC or
Standard-DDE

Output Media: Speach, SMS, Fax, e-mail, Cityruf,
further on request

Languages: English, german, italian,
further on request

New: OPC UA

Please make a request for a full function demo software.

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