

ADICOS

The low spurious alarm detection system for early fire detection using innovative gas sensor techniques and evaluation methods

GSME Central Software

The GSME Central Software provides for the comfortable, computer supported visualization of all measuring data and conditions of the ADICOS detectors.

The condition of the complete system is shown on a general display.

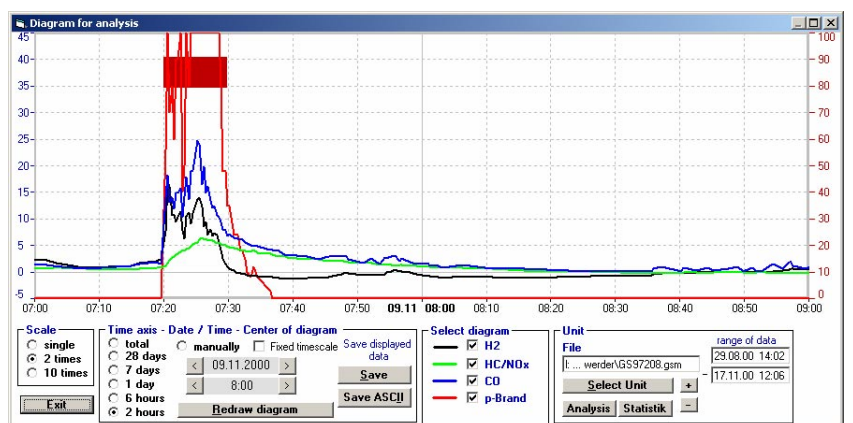
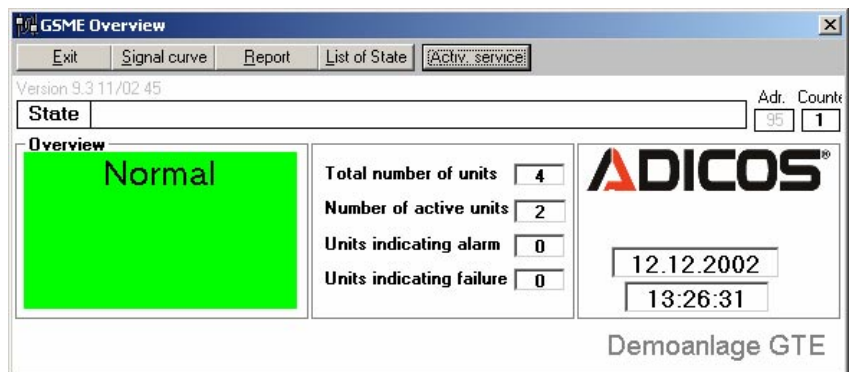
The display of error and alarm messages is clearly laid out and their time history is documented. Aside from a continuous graphic display about the fire probability pattern of a selected unit, the concentration patterns of the individual leading gases of all units of the fire detection system can be displayed for selectable time periods.

Within the program a product list provides you with an overview of the preceding results.

All safety relevant data are password-protected.

The program can be adapted to customer specific requirements without much effort.

For control purposes you have access to all measuring values and conditions of all units over a period of the last 12-24 weeks. The program provides you with comfortable tools for the management of these large datasets, so that every important moment can be easily tracked-down. The back-up data can be used for the documentation and analysis of fire events and for the optimal adaptation to the background loads or interferences influence. If sufficient memory capacity is available, it is possible to store all data for any required period of time..



GSME – Central Software

Graphic Surface

Online Control

Data Recording

General Overview of the Complete System

Easy Installation and Operation

Remote Service and Maintenance

Application Areas:

For easy control and visualization of fire detection systems with ADICOS early warning fire detectors

Online control of the concentration patterns of fires, but also of production processes and background stress.

Fast analysis of the application conditions for difficult and contaminated environments

Special Characteristics:

- 250 Detectors per system
- Simple installation
- Ergonomic surface and operation
- Storage of all conditions and data
- Online display of the concentration patterns for selected units and periods of time
- Password-protected access to the various service levels.
- Automatic test of all units of the total system for ALARM, FAULT, OPERATION
- Parameterization, service And maintenance tasks carried out by the central working station
- Individual identification
- Great variety of tools for the adaptation to difficult environmental Conditions
- With the aid of a modem a remote computer can also service all unit.
- Customer specific adaptations

In addition the program enables you to adjust the sensibility of the GSME units. Therefore every sensor can be optimally adapted to its respective installation position.

All units can be serviced by a remote computer with the aid of a modem.

With an external editor (for example WordPad) you are able to call up all events, which took place Beginning at the initial program start. This makes possible a control of all past activities.

System Requirements	
Operating System	Windows 9x/NT4.0.SP3/2000/XP
Processor	Intel Pentium 1 GHz or Equivalent
Memory RAM	128 MB
Graphic Card	1024 x 768
Monitor	17" recommended
Data Memory	
Hard disk	10 MB for the program
Data Recording	1 GB > 1GB for Periods > 6 months
Interfaces	
Serial Interfaces	<ol style="list-style-type: none"> 1. MBUS Master 1 2. Modem (optional) 3. Mouse serial 4. An additional bus is required for systems with > 250 detectors
Options	<ul style="list-style-type: none"> • Protocol printer • Interface card digital

Aside from the remote diagnosis of a manufacturer and service support for all networked units also an update of the evaluation algorithms and of the stored knowledge basis are possible. Thereby it is guaranteed that the local fire detectors can be updated to the current status of evaluation and knowledge basis.

You need a standard PC, which can be upgraded depending on the respective type of application.

Depending on the number of fire detectors and the required recording periods, the central computer could have a second hard disk, which is exclusively used as Data Archive.

Issued by:

GTE-Industrieelektronik
 Department for Measuring Technique
 and Sensor Systems
 Helmholtzstr. 38-40
 41747 Viersen

Contact:

Herr Dr. Kelleter +49 2162 3703 - 21
 Fax +49 2162 3703 - 25
 Email adicos@gte.de