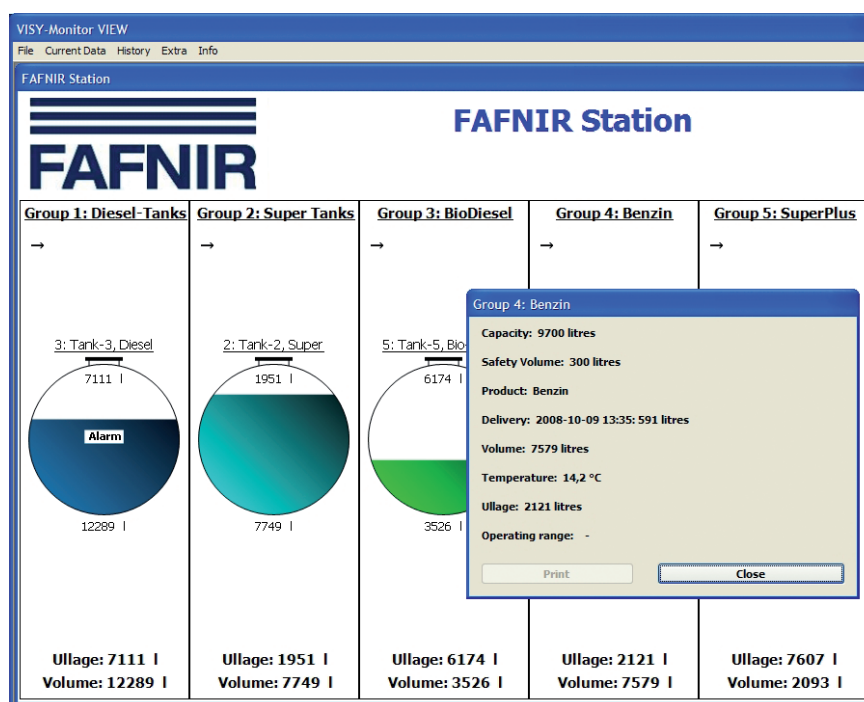


VISY-Monitor

Software Application



The VISY-Monitor software application

VISY-Monitor is a software application for monitoring and recording data from tanks at petrol stations, fuel depots, etc.

It displays the tank data and serves as a working platform for the tank data at petrol stations.

Features of the FAFNIR technology

- Permanent overview of tank contents by graphical representation
- Convenient tank content visualization with useful additional data, e.g. ullage
- Tank contents displayed in litres or gallons
- Display of product temperature and water level
- Clearly presented numerical and graphical representation of historical data
- Automatic tank calibration
- Reconciliation
- Automatic leakage monitoring
- Automatic tank mapping
- Static and dynamic leakage monitoring
- Communication with the VISY-Command control unit
- Connection to the VISY-Tank resource management software application via Ethernet
- Three separate channels for connection to different tank gauging systems
- Supports the most common tank gauging systems
- Runs on Windows NT/2000/XP/Vista/Win7

Function

VISY-Monitor displays a fully comprehensive range of tank data. The filling level data from the VISY-X system (VISY-Stick and VISY-Command) are forwarded to the PC and displayed by the VISY-Monitor software application. VISY-Monitor supports different types of tank data, including all relevant data about the tank (tank number and content) and the product (filling level, water level and product temperature) as well as additional information (e.g. ullage). The tank information displayed is continuously refreshed and viewable at all times. In addition, VISY-Monitor offers a wide range of other features, such as automatic tank calibration, optimum leakage monitoring and the ability to display historical data. Historical data are displayed in tabular and graphical form and can be printed out. All inventory and event data are stored indefinitely in a database for further processing.

It is also possible to connect an external journal printer for documenting current tank levels and enabling mandatory printouts of all alarm messages. For audible alarms, it is a simple matter of connecting up to a standard audio system.

In addition to FAFNIR sensors, two further tank gauging systems from the most common manufacturers can be connected in parallel, which means that existing sensors can be replaced in stages.

Data Management

- » Volumetric representation of tank contents
- » Temperature-compensated volume
- » Product temperature
- » Ullage
- » Tank and product name
- » Water level
- » Variable number of displayed tanks
- » Alarm messages and logging
- » Automatic tank calibration
- » Reconciliation
- » Automatic loss and leakage monitoring
- » History logging
- » All data stored in a database

System requirements

- » CPU 700 MHz
- » RAM 512 MB
- » Spare hard drive capacity for VISY-Monitor software application: 30 MB
- » Windows 2000 Professional with SP4, Windows XP Professional with SP2 or Windows Vista with SP1, Win 7 (32 bit)
- » Microsoft.NET 2.0 Framework
- » 2 x RS 232 ComPort
 - to connect VISY-Command
 - to connect to PoS (no USB-To-Serial Adapter)