



Optavias Basis

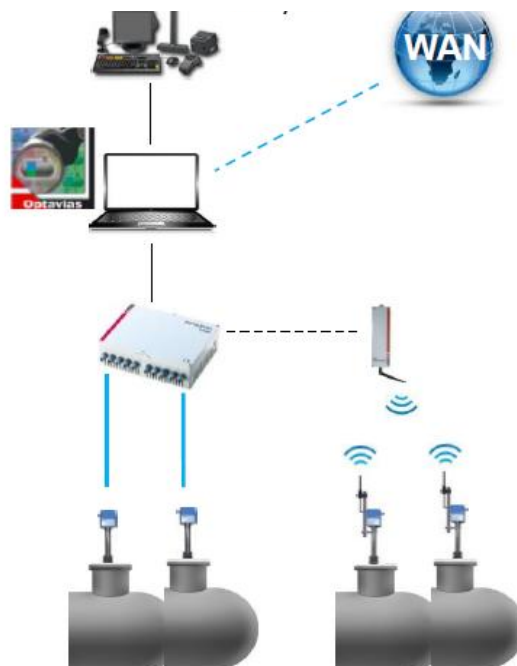
The Software for Automatic Tank Gauging on a local gas station.

Optavias Basis is the PC based software solution for the local tank contents management of a gas station. Optavias Basis polls periodically the tank data of the probes, connected by the Opti-Level Supply. The values are written to a local data base. Optavias Basis visualizes the results user-friendly. Several host systems (POS, forecourt controller and others) may retrieve the tank data at the same time from Optavias Basis.

Survey

Optavias Basis can access the following probes:

- OptiLevel HLS probes (wired)
- OptiLevel HLS probes (wireless)





Optavias Basis

Optavias Basis is to be installed on a PC with Windows operating system. A SQL data base is created on this PC to collect configuration and tank data. All tank data are user-friendly visualized, including audible and visible alarms.

Optavias Basis



Standard Functions

- Administration of up to 32 tanks with automatic poll of fuel level, water level, and temperature
- User-friendly graphic Interface
- Volume conversion with and without temperature compensation (tank tables up to 250 lines)
- Water indication
- Limits configuration for visible and audible alarms
- Delivery detection (without considering sales)
- Graphic and tabular display of tank data
- Historical tank data (graphical charts)
- Export of tank data for external evaluation
- Connection of a truck driver display

Extended Functions

Following functions (algorithms) are available in addition, if the host system (POS or FCC) provides sales data via VR-DIP protocol:

- Delivery detection (considering sales)
- Automatic Meter Mapping
e.g. after acquiring old stations with insufficient documentation
- Auto calibration
for automatic correction of tank tables
- Reconciliation
- Dynamic statistic leak detection

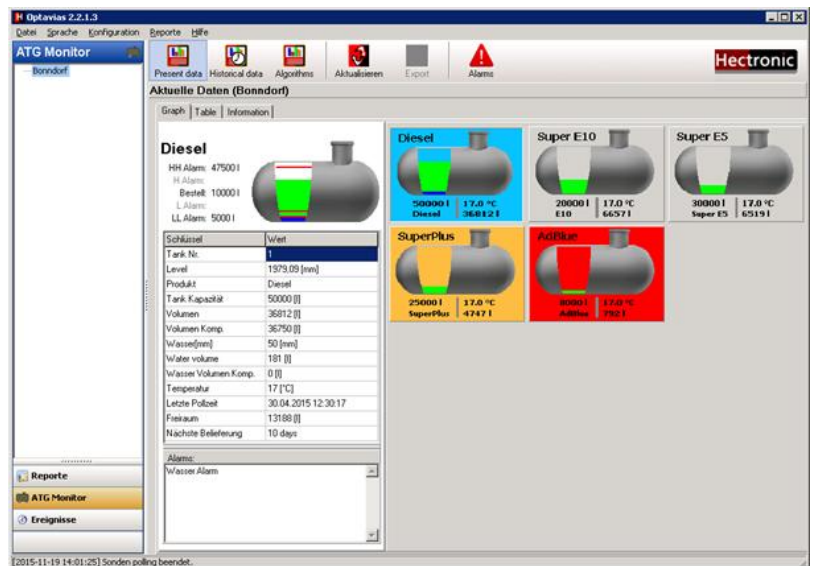


Optavias Basis

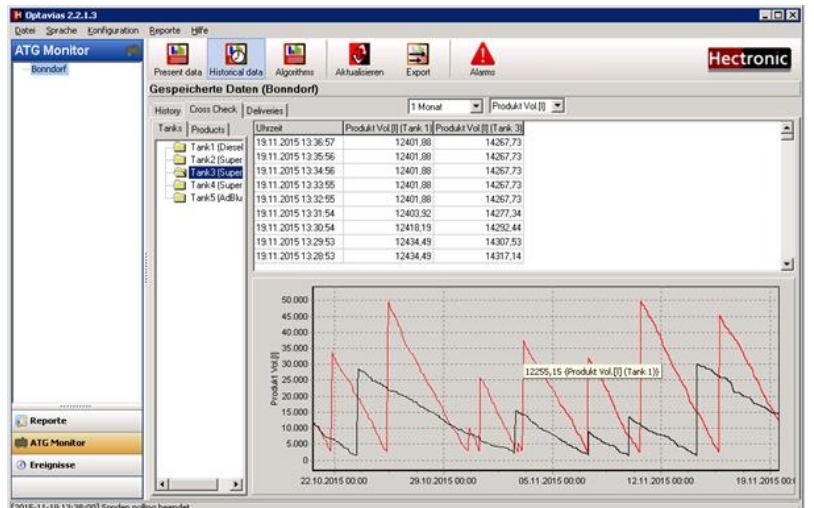
The Software for Automatic Tank Gauging on a local gas station.

All tanks are visualized user-friendly:

- Graphic and tabular display of volumes (real und compensated), ullage, temperature, levels, estimated time until order limit is reached and others.
- Tanks with warnings or alarms have different colours (e.g blue for water, yellow for order limit reached, red for low-low alarms and others)



Example for historical data (volume or temperature trends) for a selectable time range





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All open warnings and alarms are listed in the **Alarm window**, which pops up automatically with new events.

The **Report Module** provides different reports.

Filters allow selection of the time range (e.g. inventory at key dates).

Tank Name	Tank No.	Start Datum Uhrzeit	End Datum Uhrzeit	Geleitetes Volumen [L]	Geleitetes Volumen [€]
T1 Diesel	1	2014-06-13 05:18:00	2014-06-13 05:41:00	25,024	24,963
T1 Diesel	1	2014-06-12 19:26:00	2014-06-12 19:19:00	9,410	8,433
T1 Diesel	1	2014-06-12 03:27:00	2014-06-12 03:42:00	60,588	56,870
T1 Diesel	1	2014-06-11 07:34:00	2014-06-11 07:53:00	21,344	21,310
T1 Diesel	1	2014-06-10 14:23:00	2014-06-10 14:45:00	19,656	18,623
T1 Diesel	1	2014-06-09 14:47:00	2014-06-09 15:12:00	28,126	28,001
T1 Diesel	1	2014-06-09 04:44:00	2014-06-09 04:55:00	11,428	11,811
T1 Diesel	1	2014-06-08 23:18:00	2014-06-08 23:25:00	5,962	5,953
T1 Diesel	1	2014-06-08 13:19:00	2014-06-08 13:31:00	11,834	11,814
T1 Diesel	1	2014-06-07 11:21:00	2014-06-07 11:51:00	29,344	29,236
T1 Diesel	1	2014-06-07 06:06:00	2014-06-07 06:14:00	7,424	7,414
T1 Diesel	1	2014-06-06 05:01:00	2014-06-06 05:32:00	29,487	29,448

Reports are available for:

- inventory by tank or product
- deliveries
- turnover
- reconciliation
- alarms

Reports can be exported for further evaluation (e.g. pdf, csv).

Individual reports are possible on request.

Optavias Head Office

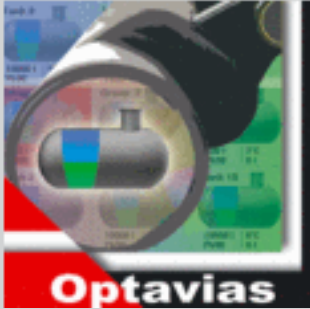
Optavias Basis can provide tank data for an optional Optavias Head Office network. The communication is possible with a modem, a DSL-Router or 2G/3G mobile radio.

Optavias Head Office allows additional functions:

- Central data base for tank data of all stations, including automatic data collection from the stations
- Graphical display (like Optavias Basis) after selecting a station
- Automatic E-Mail notification on events (e.g. warning to dispatcher when volume falls below order limit)
- Online access via web portal PetroLine ATG (optional) at any time, from everywhere

More information is provided in related data sheets:

- Optavias Head Office DB_Optavias_Head_Office_EN
- PetroLine ATG DB_PetroLine_ATG_EN



Optavias Basis

The Software for Automatic Tank Gauging on a local gas station.

Your benefit

- Can be installed on an available PC
- User-friendly visualization of tank data
- Visual and audible alarms
- Base for collection of data by Optavias Head Office (optional)
- Useful reports
- More safety and better monitoring
- Saves time and money

Technical Requirements

Operating system	Windows 7 (32 or 64 Bit) Windows 8
Installation	Installed parts: Optavias Basis as user interface, Service in background (cyclic poll of probes), SQL 2008 RS Express data base
Hardware	Intel Core-i3 processor min. 2x 2,6GHz 30 GB free hard disk capacity 2GB RAM (4 GB recommended) DVD drive
HOST Protocols	Hectronic HLS-, H- and VR- protocol, optional VR-DIP protocol (sales data)
HOST connection	Hosts for protocols HLS-, H-, und VR (each via RS232 or LAN). At same time POS/FCC (local) und Optavias Head Office (Internet) may be connected
Interfaces	OptiLevel Supply (probes) via RS232 TDD-S (truck driver display) via RS232
Head Office	Optional for connection to Head Office by DSL-Router (Internet) or RS232 (Modem)



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Optavias Basis variants	Article no.
Optavias Basis	5000.68 00 00 00