



Smart Monitoring of Tank Filling Levels
Products and digital solutions from one single source

SAM[®]
DIGITAL

AT A GLANCE



SAM TANK MANAGEMENT is a web-based application specifically developed for monitoring the filling levels of liquids, gases and vapors stored in stationary or truck-mounted pressure vessels. SAM TANK MANAGEMENT is used in combination with SAMSON differential pressure meters from the Media series. Media 5 meters, which have been successful on the market for years, as well as the newly developed Media 7 meters can communicate with the web portal.

Critical situations requiring an immediate response can occur, for example when the filling level is too low, the tank overflows or when the operating pressure is too high or too low. SAM TANK MANAGEMENT notifies you in good time so that possible malfunctions can be remedied on time. In addition, the system ensures safe operation and optimizes logistic operations.



BENEFITS



OPTIMIZED COSTING



DATA MANAGEMENT



CUSTOMIZED SOLUTIONS



CUSTOMER LOYALTY



SUSTAINABILITY



DATA SECURITY

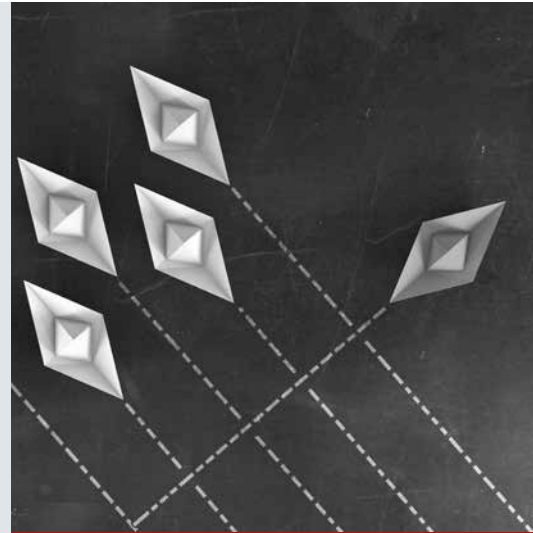
FEATURES



OPTIMIZED COSTING



DATA MANAGEMENT



CUSTOMIZED SOLUTIONS



Optimized costing

- Optimized delivery routes and profitability
- Avoidance of unnecessary cost incurred due to empty tanks
- Improved business processes
- Development of new business models
- Proactive maintenance planning



Data management

- Easy read and write access to all relevant parameters in SAM TANK MANAGEMENT
- Viewing of operating states
- Automatic and manual analysis of data
- Export function
- Unlimited access to historical data
- Map information for all plants



Customized solutions

- Customizable dashboard
- Customizable reports
- Branding and adaptation to your corporate design



CUSTOMER LOYALTY



SUSTAINABILITY



DATA SECURITY



Customer loyalty

- Increased plant availability
- Uninterrupted production operations guaranteed
- Improved transparency thanks to end-user-specific access
- Improved communication and productivity
- Around-the-clock availability



Sustainability

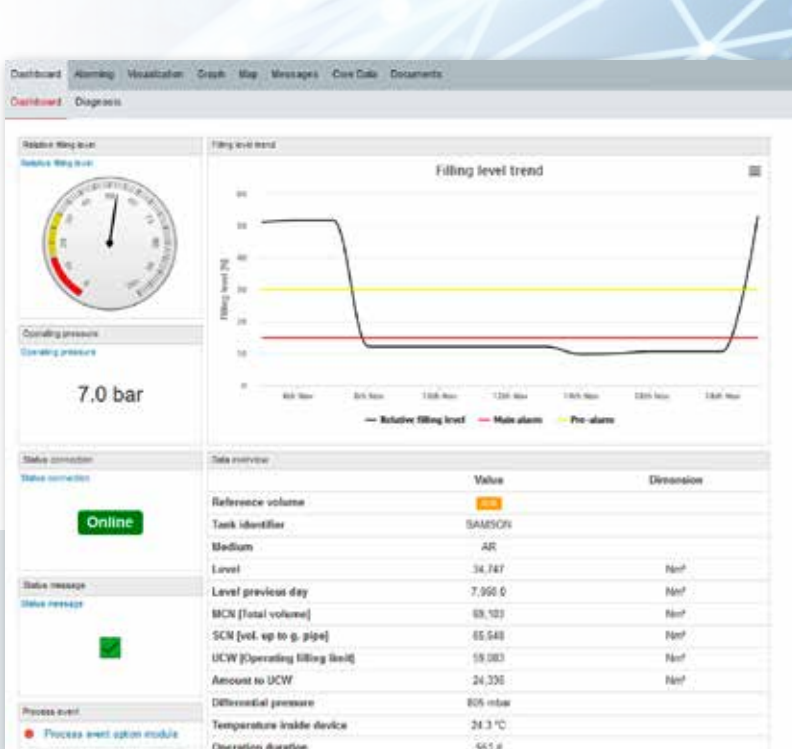
- Lower mileage thanks to optimized routing
- Leakage detection
- Resource-friendliness thanks to optimized tank filling
- Pressure trends monitoring and avoidance of product loss
- Alarm function in the event of failure



Data security

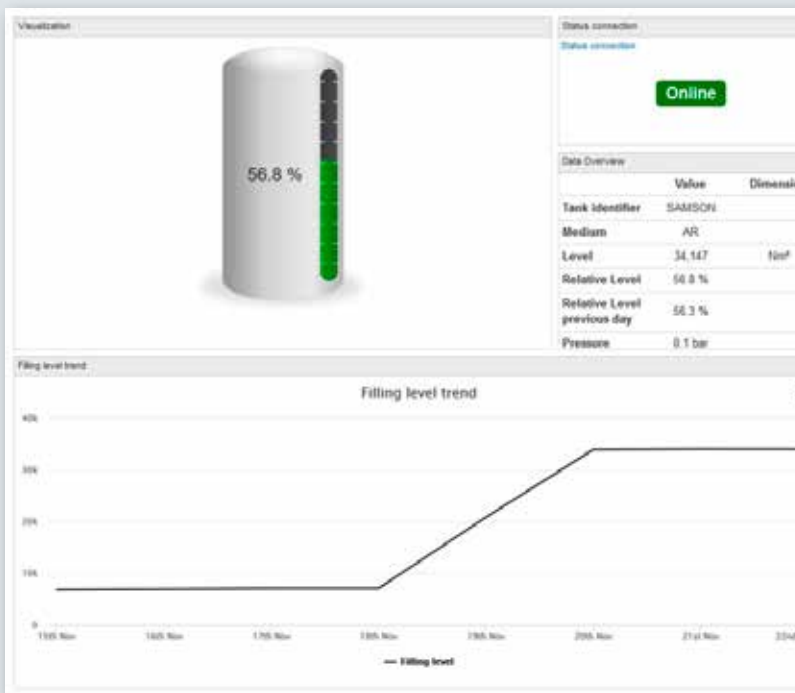
- German computing centers certified according to ISO 27001
- Compliance with the EU General Data Protection Regulation (GDPR)
- Certificate-based SSL/TLS encryption
- Regular security updates
- 100 % web-based services, modern web technology (HTML5/CSS3)
- Maximum access protection
- Redundant saving of data
- Multiple clients possible

DASHBOARD



Convenient dashboard view

- Intuitive operation
- Customizable
- All current data at a glance: plant, alarms, location, reports
- Details on a separate level: relative filling level, trend information, operating pressure, connection status, alerts etc.
- Diagnostic functions for limits, pre-alarms and main alarms, permissible filling levels, min. and max. limits, device temperatures
- Event logging
- Download and print functions



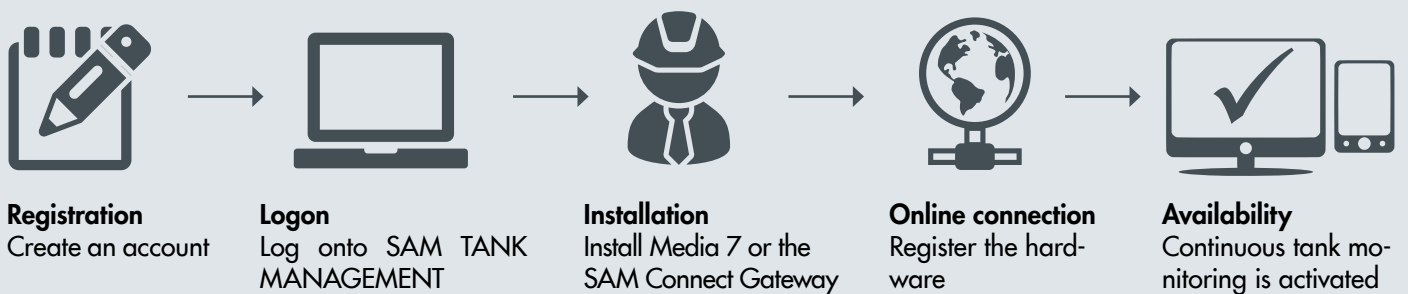
START-UP AND CONTACT



Remote start-up

Installation and start-up are straightforward and easily performed in just a few steps. For example, a central Media 7 Differential Pressure Meter can be conveniently connected with the help of a step-by-step wizard. Once this connection has been established, measured values and parameters are available in the web portal in real time.

Registration and connection in a few steps:



E-mail us at samdigital@samsongroup.com if you have any further questions.

SAMSON AT A GLANCE



STAFF

- Worldwide 4,500
- Europe 3,700
- Asia 600
- Americas 200
- Frankfurt am Main, Germany 2,000

MARKETS

- Chemicals and petrochemicals
- Power and energy
- District heating and cooling, building automation
- General industry
- Industrial gases
- Food and beverages
- Metallurgy and mining
- Oil and gas
- Pharmaceuticals and biotechnology
- Marine equipment
- Water and wastewater
- Pulp and paper

PRODUCTS

- Valves
- Self-operated regulators
- Actuators
- Valve accessories
- Signal converters
- Controllers and automation systems
- Sensors and thermostats
- Digital solutions

SALES SITES

- More than 50 subsidiaries in over 40 countries
- More than 200 representatives

PRODUCTION SITES

- SAMSON Germany, Frankfurt, established 1916
Total plot and production area: 150,000 m²
- SAMSON France, Lyon, established 1962
Total plot and production area: 23,400 m²
- SAMSON Turkey, Istanbul established 1984
Total plot and production area: 11,053 m²
- SAMSON USA, Baytown, TX, established 1992
Total plot and production area: 9,200 m²
- SAMSON China, Beijing, established 1998
Total plot and production area: 10,138 m²
- SAMSON India, Pune district, established 1999
Total plot and production area: 18,000 m²
- SAMSON Russia, Rostov-on-Don, established 2015
Total plot and production area: 5,000 m²
- SAMSON AIR TORQUE, Bergamo, Italy
Total plot and production area: 27,684 m²
- SAMSON CERA SYSTEM, Hermsdorf, Germany
Total plot and production area: 14,700 m²
- SAMSON KT-ELEKTRONIK, Berlin, Germany
Total plot and production area: 1,060 m²
- SAMSON LEUSCH, Neuss, Germany
Total plot and production area: 18,400 m²
- SAMSON PFEIFFER, Kempen, Germany
Total plot and production area: 35,400 m²
- SAMSON RINGO, Zaragoza, Spain
Total plot and production area: 18,270 m²
- SAMSON SED, Bad Rappenau, Germany
Total plot and production area: 10,370 m²
- SAMSON STARLINE, Bergamo, Italy
Total plot and production area: 26,409 m²
- SAMSON VDH PRODUCTS, the Netherlands
- SAMSON VETEC, Speyer, Germany
Total plot and production area: 27,090 m²

SAMSON AKTIENGESELLSCHAFT

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