## **SAM** TANK MANAGEMENT





## Smart Monitoring of Tank Filling Levels

Products and digital solutions from one single source



SMART IN FLOW CONTROL

## 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.











DATA MANAGEMENT







SUSTAINABILITY



## **FEATURES**







DATA MANAGEMENT



#### **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



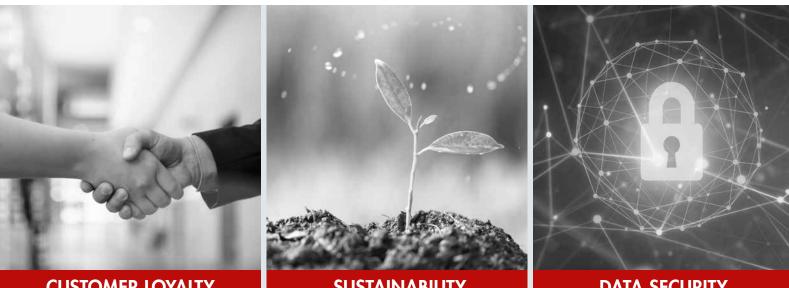
#### Data management

- 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

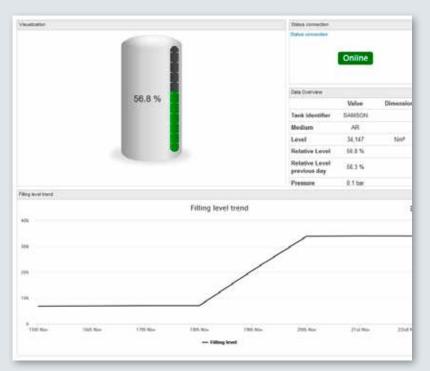


#### Data security

- 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

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#### 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-bystep 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:





**Registration** Create an account

Logon Log onto SAM TANK MANAGEMENT



Installation Install Media 7 or the SAM Connect Gateway



**Online connection** Register the hardware



Availability Continuous tank monitoring is activated

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 m<sup>2</sup>
- SAMSON France, Lyon, established 1962 Total plot and production area: 23,400 m<sup>2</sup>
- SAMSON Turkey, Istanbul established 1984 Total plot and production area: 11,053 m<sup>2</sup>
- SAMSON USA, Baytown, TX, established 1992 Total plot and production area: 9,200 m<sup>2</sup>
- SAMSON China, Beijing, established 1998 Total plot and production area: 10,138 m<sup>2</sup>
- SAMSON India, Pune district, established 1999 Total plot and production area: 18,000 m<sup>2</sup>
- SAMSON Russia, Rostov-on-Don, established 2015 Total plot and production area: 5,000 m<sup>2</sup>
- SAMSON AIR TORQUE, Bergamo, Italy Total plot and production area: 27,684 m<sup>2</sup>
- SAMSON CERA SYSTEM, Hermsdorf, Germany Total plot and production area: 14,700 m<sup>2</sup>
- SAMSON KT-ELEKTRONIK, Berlin, Germany Total plot and production area: 1,060 m<sup>2</sup>
- SAMSON LEUSCH, Neuss, Germany Total plot and production area: 18,400 m<sup>2</sup>
- SAMSON PFEIFFER, Kempen, Germany Total plot and production area: 35,400 m<sup>2</sup>
- SAMSON RINGO, Zaragoza, Spain Total plot and production area: 18,270 m<sup>2</sup>
- SAMSON SED, Bad Rappenau, Germany Total plot and production area: 10,370 m<sup>2</sup>
- SAMSON STARLINE, Bergamo, Italy
   Total plot and production area: 26,409 m<sup>2</sup>
- SAMSON VDH PRODUCTS, the Netherlands
   SAMSON VETEC, Speyer, Germany
- Total plot and production area: 27,090 m<sup>2</sup>

#### SAMSON AKTIENGESELLSCHAFT

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# 2020-03 · WA418 EN

#### SMART IN FLOW CONTROL

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