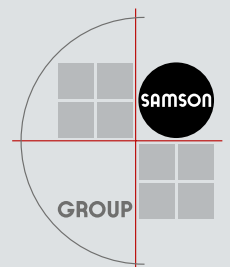


TROVIS SOLUTION



■ *Where Innovation is Tradition*



Unrivaled solution



TROVIS SOLUTION is an asset management tool for control valves equipped with smart SAMSON positioners. The tool reads positioner data from all connected control valves, analyzes them and saves them in the **TROVIS SOLUTION** database.

TROVIS SOLUTION is used for

- Optimizing plant performance
- Providing predictive maintenance
- Documenting tag history and identification data.

Either the plant operator or SAMSON can read data from the smart positioners and manage the database.

TROVIS SOLUTION premium

SAMSON

Deutsch

SAMSON AG website

User name: _____

Home

File upload

Overview

Detailed view

Technical documentation

Settings

Tag state

Tag: _____ Status: [Green] [Orange] [Red] Date: _____ Read using: All [Find]

CO MM YYYY [Advanced search](#)

Tag	Status	Last read on	Files		-	P
			TRO	PCS		
VALVE1	[Green]	2012-06-19 (TRO)	7	0	-	P
VALVE10	[Green]	2011-07-27 (TRO)	1	0	-	P
VALVE11	[Orange]	2008-12-02 (TRO)	1	0	-	P
VALVE12	[Green]	2008-08-26 (TRO)	1	0	-	P
VALVE13	[Green]	2009-10-08 (TRO)	1	0	-	P
VALVE14	[Green]	2009-12-02 (TRO)	1	0	-	P
VALVE15	[Green]	2010-03-09 (TRO)	2	0	-	P
VALVE16	[Green]	2011-09-03 (TRO)	1	0	-	P
VALVE2	[Green]	2012-06-19 (TRO)	1	0	-	P
VALVE3	[Green]	2012-02-01 (TRO)	4	0	-	P
VALVE4	[Orange]	2008-12-02 (TRO)	1	0	-	P
VALVE5	[Red]	2010-04-12 (TRO)	8	0	-	P
VALVE6	[Orange]	2010-08-01 (TRO)	1	0	-	P
VALVE7	[Green]	2009-10-23 (TRO)	1	0	-	P
VALVE8	[Green]	2012-03-27 (TRO)	1	0	-	P

Page: 1 2 Show all Page: 16

If status is orange or red, click on colored arrow for a detailed error report.

Plant optimization



TROVIS SOLUTION uses long-term monitoring to reveal changes in the control response. Statements on individual control valves as well as the entire controlled system can be made based on an analysis of the measured and process data of all connected control valves.

TROVIS SOLUTION helps

- Improve the control accuracy of a controlled system
- Ensure high levels of plant performance and availability.



Predictive maintenance



TROVIS SOLUTION collects data from the individual tags. In addition to the EXPERTplus valve diagnostics, shifts in the operating range, wear on the seat and plug as well as overloading of the bellows and/or stem sealing can be detected and depicted in histograms (valve history).

TROVIS SOLUTION helps extend uninterrupted plant uptime by

- Identifying critical tags
- Recommending maintenance action to be taken.



Documentation



TROVIS SOLUTION saves all collected data in a database. Optionally, tag-related process data are imported and analyzed.

TROVIS SOLUTION allows users to

- Quickly access the EXPERTplus diagnostic data
- Search for and select tags.



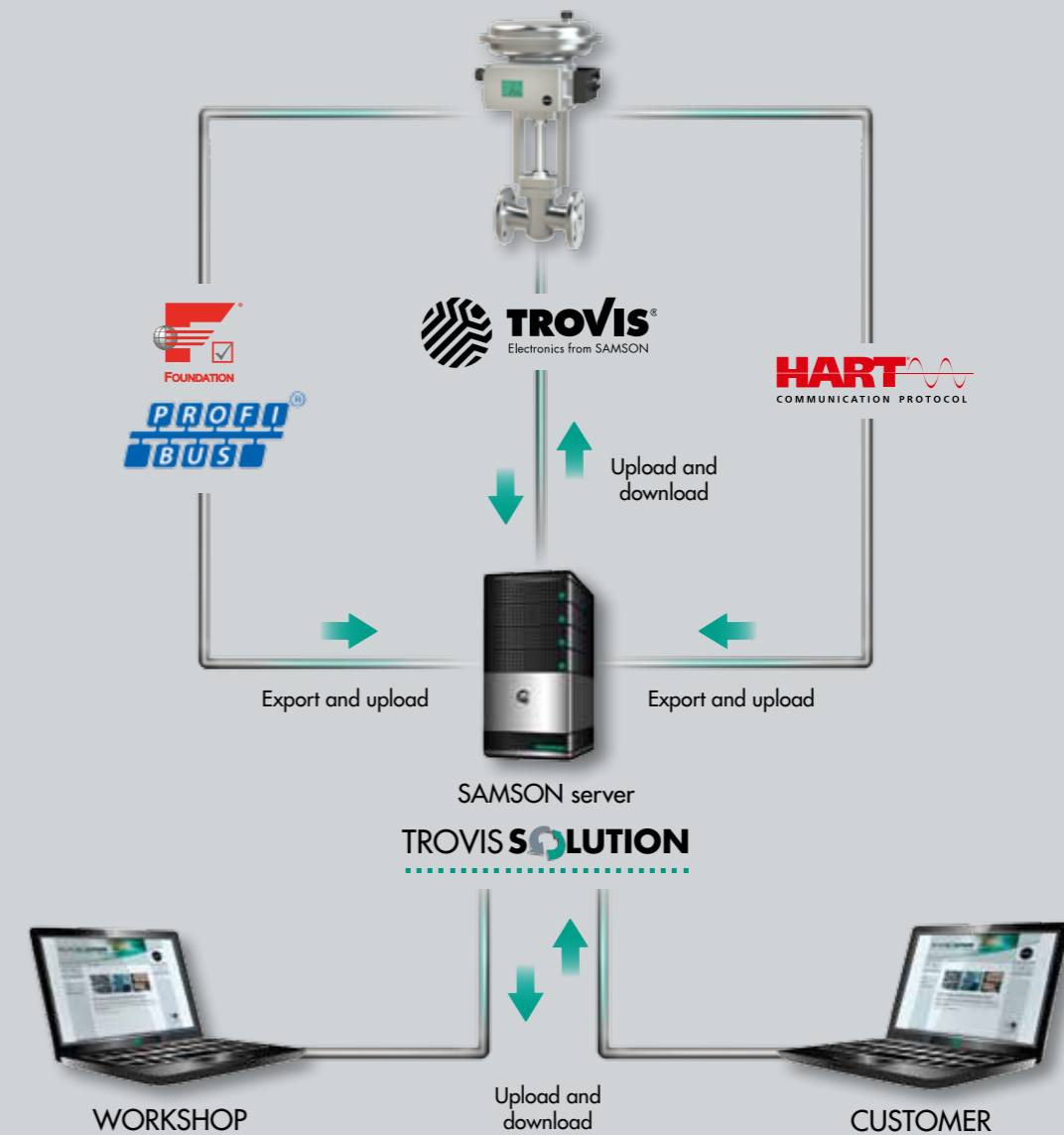
Communication



TROVIS SOLUTION collects valve data regardless of the communication protocol used in the plant. Plant operators and the valve workshop personnel can access the asset management tool over the Internet.

TROVIS SOLUTION can be used in combination with the following smart SAMSON positioners:

- Types 3730-3, 3730-6 and 3731-3 with HART® communication
- Type 3730-4 with PROFIBUS-PA communication
- Types 3730-5 and 3731-5 with FOUNDATION™ fieldbus communication



GLOBAL SERVICE

TROVIS **SOLUTION**

A world map showing service locations marked with teal dots. Large white arrows point from the top of the map towards various regions: North America, South America, Europe, Africa, Asia, and Australia. The map is overlaid on a grid background with a teal bar at the top.The SAMSON logo, consisting of the word "SAMSON" in white capital letters inside a black circle.

SAMSON

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