

## HIMA Pipeline Automation

### Pipeline Automation

**Pipeline Automation** is not like any other part of the process automation industry. It requires an understanding of both the physics of the pipeline and the chemistry of the material being transported. Selection of the right field instrument is vital. Using the most suitable RTUs, multiplexers and data loggers can be the difference between profitable operations and costly unnecessary shutdowns. A deep understanding of the functional requirements of the pipeline is a starting point to create the right automation solution. It is **specialist's work**.



### Our guarantee

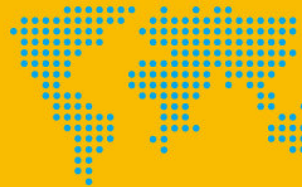
There is only one type of guarantee which means that the customer can be sure that he gets what he wants. We call it "Try before you Buy". It is as simple as that: we will work with you to prepare a Requirements Specification which exactly meets your needs. If you wish, we will develop a simulation of your pipeline management system for you to check that what we think you need is exactly what you think you need. Then we will design, build, install and run the system until you are satisfied that your requirements have been met and you are ready to pay. That is a real guarantee; we put our money and our reputation on the line up front. Ask us for the full terms and conditions of this guarantee – we know you will be impressed!

HIMA's pipeline specialists:  
always committed to complete  
customer satisfaction

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for a detailed list of all our subsidiaries and representatives,  
please visit our website: [www.hima.sk](http://www.hima.sk)



# HIMA

Safe and profitable  
Pipeline Solutions

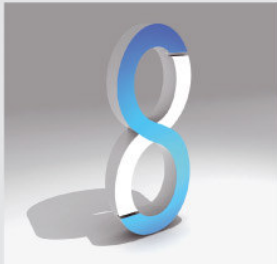
SAFETY  
NONSTOP



### HIMA. Safety. Nonstop.

It's a philosophy 100 years in the making. It's built on HIMA's singular focus on safety and is proven by decades of technology breakthroughs. It represents our commitment to providing maximum safety and uninterrupted plant operations. Our goal isn't just to design the world's best safety systems. It's to help keep your business safe and running. No shutdowns. No failures. Maximum uptime. Maximum profitability.

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Infinity Safety Safety Nonstop



## FlexSILon<sup>®</sup>PMC Pipeline Management and Control

### Safety systems

- Safety experience developed over 50 years
- More than 25,000 safety systems installed
- All products and systems conform to IEC 61511 and IEC 61508 standards
- Unique Nonstop technology

### Instrument selection

- Instruments can be key to improved performance
- HIMA's specialists advise, procure, and manage installation and start-up as required
- Knowledge of hazardous area and safety-related applications



### RTUs

- Selection of RTU is an integral part of a high-performance system
- SIL 0 to SIL 3 safety certified solutions available
- All environmental conditions

### Data communication

- Various communication strategies for different infrastructures
- Optimization of topology, geography and technology used
- System selection, procurement, installation and start-up

## FLOWorX – Pipeline Integrity Management

### Leak detection

- NEW online solutions to detect liquid and gas leaks
- Minimizes false trips
- Minimum maintenance – no calibration
- Instrument failure compensation

### SCADA

- Full consultancy service available
- Design and implementation to maximize operator comfort
- Single, hot-standby or distributed-cluster architecture supported

### System enhancements

- Batch Tracking
- Batch Scheduling
- Simulation / Modelling

## Management Information Systems

