

# SAM GUARD®

## AI-BASED PREDICTIVE ANALYTICS

FOR THE PROCESS INDUSTRY



### Unlock greater value from your industrial data



**Maximize  
production**



**Reduce cost of  
maintenance**



**Minimize  
flaring**



**Optimize  
energy use**



**Minimize  
emissions**

#### A POWERFUL ADVANCED AI PLATFORM

- SAM GUARD®'s AI-powered early alerts give you time to prepare a plan of action, long before the discovered issues have a significant impact on your plant. The earlier you detect a failure, the less it costs to repair it and the equipment is most often still recoverable.
- SAM GUARD® uses AI to monitor your critical and regular equipment, process parameters, and quality by continuously analyzing thousands of sensors in real time.
- SAM GUARD® uses both unsupervised and supervised AI to discover unknown issues without human guidance in addition to known, repeating issues.

#### DIGITAL TRANSFORMATION SERVICES

- Our digital transformation experts support you throughout the entire project, from building the plant process model to continuously analyzing the SAM GUARD® alerts. They work with your team to review valuable findings.

#### SAM GUARD® results

- Saved up to \$1M in potential production loss
- Avoided downtime – increased reliability by 10 %
- Avoided cost – reduced cost of repair by 5 %

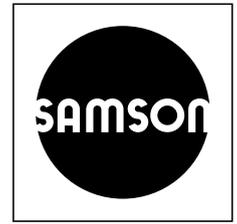
**SAM**<sup>®</sup>  
DIGITAL

**SMART IN FLOW CONTROL**

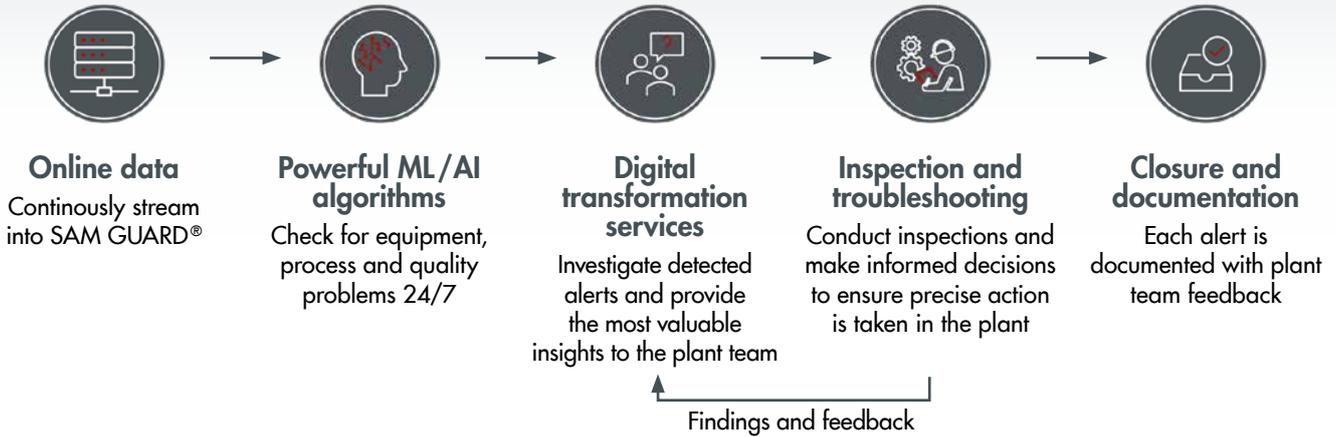
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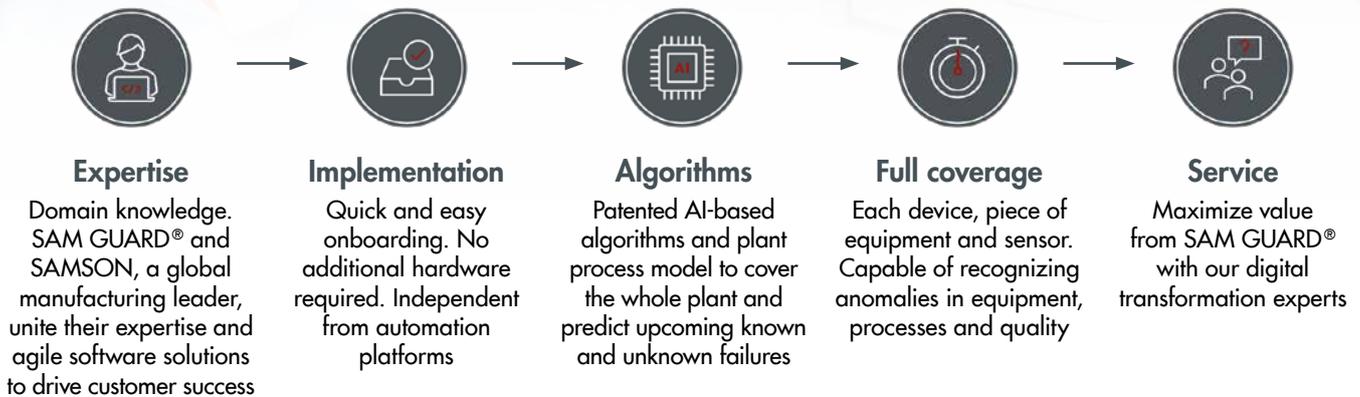
### FOR THE PROCESS INDUSTRY



### How SAM GUARD® works



### Why customers choose SAM GUARD®



Visit us @ [www.precog.co](http://www.precog.co) for success stories, references and further information.

