

### Overview



SITRANS SAM IQ (Smart Asset Management) is an app that applies diagnostics and monitoring to field device data.

### Benefits

- One application for all field devices and protocols
- Increase plant uptime by avoiding upcoming device failures
- Reduce of maintenance costs through event driven maintenance
- Increase transparency of measurement reliability
- Assurance of product and process quality

### Application

With the smart asset management app, SITRANS SAM IQ, you can make unused, but valuable, data available. SITRANS SAM IQ will manage all your field device data, with comprehensive possibilities of diagnostics and monitoring.

By monitoring the health state of each field device and event-based device management, SITRANS SAM IQ reduces upcoming device failures. Moreover, device-specific diagnostics of process values and customized multi-parameter dashboards allow you to validate device measurements and optimize your processes.

### Design

The cloud based version of SITRANS SAM IQ is updated automatically. The annual license includes the update service.

#### Application versions

##### Standard

The Standard version includes the following functionality:

- |                                                                    |                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Device list</li> </ul>    | <p>Provides an overview of all field instruments with essential device information.</p>                                                                                                                                                                                                                                                           |
| <ul style="list-style-type: none"> <li>• Device details</li> </ul> | <ul style="list-style-type: none"> <li>• Access to device-specific KPIs.</li> <li>• Track device replacements and configuration changes over the entire life-cycle of a measurement point.</li> <li>• Easy comparison of actual working range with measurement range of the device (e.g. to optimize valve sizes or improve accuracy).</li> </ul> |
| <ul style="list-style-type: none"> <li>• Events</li> </ul>         | <p>Detection of unauthorized device or configuration changes.</p>                                                                                                                                                                                                                                                                                 |

##### Advanced

The Advanced version includes the standard version and the following additional functionality:

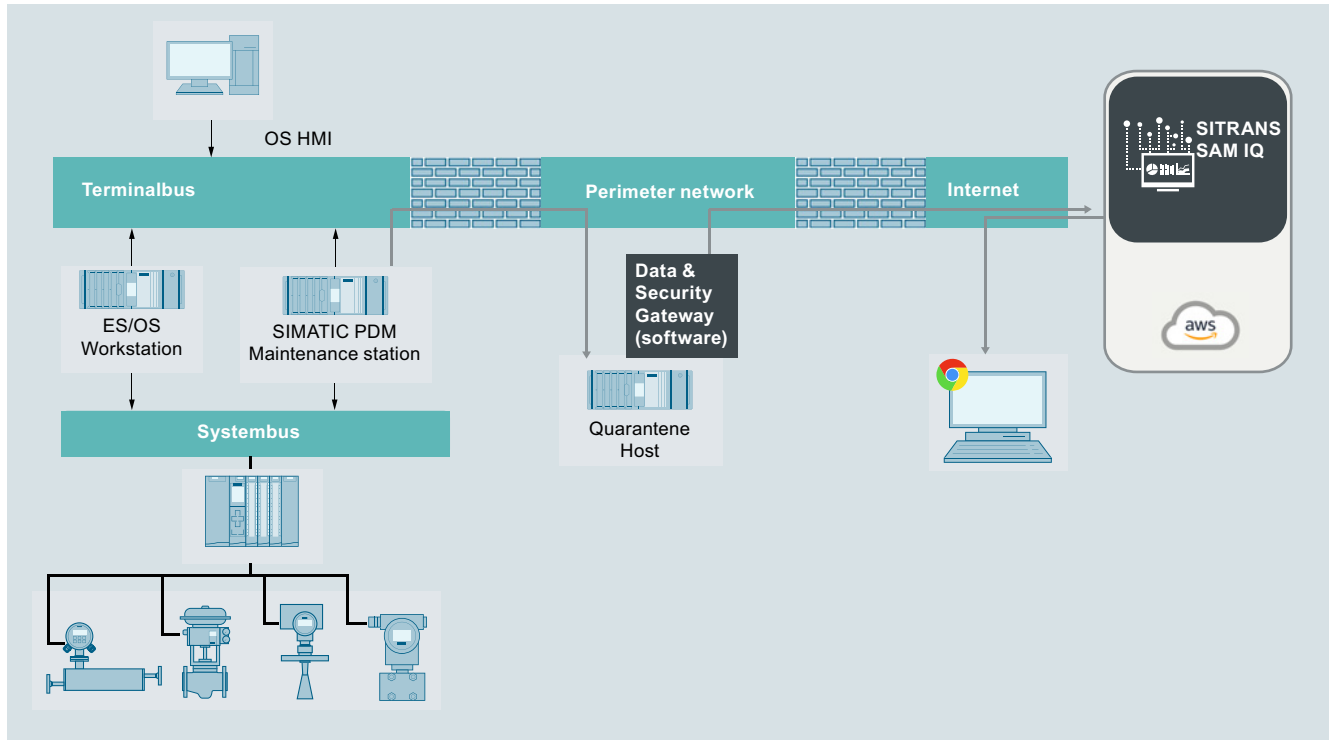
- |                                                              |                                                                                                                                                                              |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Analysis</li> </ul> | <p>Create custom dashboards to compare values between devices and share expert know-how. Perform customized plausibility checks of measurements for one or more devices.</p> |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Digitalization and Communication

### Apps for Process Instrumentation

#### SITRANS SAM IQ

SITRANS SAM IQ is optimized for Google Chrome on desktop, tablet, and smart phone.



#### Technical Specifications

##### Technical requirements

Google Chrome	Optimized for Google Chrome web browser (version 67 or later)
SIMATIC PDM/SIMATIC PCS 7	Compatible only with data provided through SIMATIC PDM Maintenance Station (V3.0 or later) or SIMATIC PCS 7 Maintenance Station (V9.0.1 or later).
Security	Installation of Data and Security Gateway is required in your IT infrastructure. The software will be provided together with the delivery of SITRANS SAM IQ.

#### Selection and Ordering data

Article No.

##### SITRANS SAM IQ, Base package

SITRANS SAM IQ (Smart Asset Management) is an app that applies diagnostics and monitoring to field device data. Base package for application access is required for Standard and Advanced packages.<sup>1)</sup>

- 1 year license for application access

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##### SITRANS SAM IQ, Standard package

SITRANS SAM IQ (Smart Asset Management) is an app that applies diagnostics and monitoring to field device data. Standard package includes device list with identification, version and diagnostics, device details, and event list. SITRANS SAM IQ is a cloud app updated automatically.<sup>1)</sup>

- 1 year license for 10 devices
- 1 year license for 100 devices
- 1 year license for 1 000 devices

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##### SITRANS SAM IQ, Advanced package

SITRANS SAM IQ (Smart Asset Management) is an app that applies diagnostics and monitoring to field device data. Advanced package includes device list with identification, version and diagnostics, device details, and event list. It also features customizable diagnostics view and dashboards. SITRANS SAM IQ is a cloud app updated automatically.<sup>1)</sup>

- 1 year license for 10 devices
- 1 year license for 100 devices
- 1 year license for 1 000 devices

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**6BG0000-0AA111BH**

**6BG0000-0AA111BK**

Selection and Ordering data	Article No.
<p><b>SITRANS SAM IQ, 3rd party integration</b></p> <p>For integration of 3rd party devices into SITRANS SAM IQ<sup>1)2)</sup></p> <ul style="list-style-type: none"><li>Integration of one 3rd party device</li></ul> <p><sup>1)</sup> Smart Asset Management product sheet and specific terms and digital service agreement shall apply.</p> <p><sup>2)</sup> Integration of the device requires the parameter description and XML export files from SIMATIC PDM Maintenance station. Conditions from Smart Asset Management technical data sheet shall apply.</p>	<p><b>6BG0000-0AA241BF</b></p>