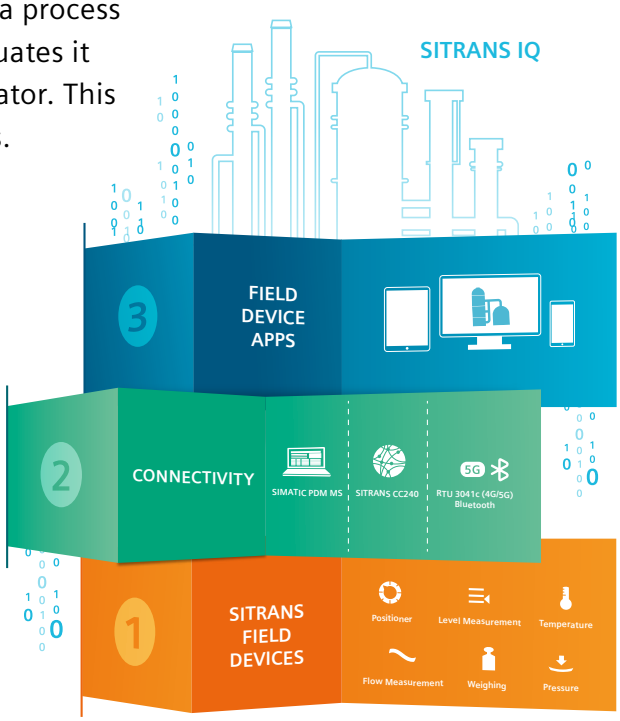
SIEMENS

SITRANS IQ – Fully exploit the potential of your data

Digital offering in process instrumentation and process analytics

SITRANS IQ lets you talk with your plant

An immense amount of condition data is generated in a process plant. Our SITRANS IQ portfolio extracts this data, evaluates it and edits it according to the specific needs of the operator. This sets completely new standards for improving processes.



Our SITRANS IQ portfolio provides a flexible, scalable suite of solutions to capitalize on your already smart instrumentation. Typically, we only read a primary variable from these smart instruments and dig deeper once we have a problem. But there is an immense amount of other valuable, but unused condition data in a plant. Why not read this stranded data and prevent problems in commissioning, operation or maintenance? Our SITRANS IQ connectivity solutions establish a second data channel to access stranded data without affecting your process.

Free yourself of routine tasks like manually capturing remote measurements, monitoring thresholds yourself or doing extra rounds to check your mechanical assets. SITRANS IQ sets completely new standards for improving processes, enabling predictive maintenance and increasing plant performance. Start now!

SITRANS SCM IQ

SITRANS SCM IQ provides smart condition monitoring for mechanical plant assets to detect imminent equipment failures and prevent unexpected plant downtimes.

- Condition monitoring of all vibrating or rotating plant components, such as pumps, compressors, gearboxes, agitators, etc.
- Mechanical assets are equipped with SITRANS MS200 multisensors and a SITRANS CC220 industry gateway for data collection and transmission
- Already existing smart machinery with data integration in Siemens MindSphere can also be monitored
- Analysis of condition data based on artificial intelligence, allowing early detection of potential failures before they occur
- Event-related warnings enable predictive maintenance
- Graphical status display of monitored assets in SITRANS SCM IQ app

SITRANS store IQ

SITRANS store IQ is a cloud-based tool for intelligent inventory monitoring and management.

- Real-time monitoring of fill levels, for example of tank farms or silos, as well as stock levels on shelves
- Variety of scaling possibilities like strapping table, linear scaling function or via silo geometries
- Configurable dashboard allows adaptation to every specific use case scenario
- Alarms and notifications via SMS or e-mail
- Possibility to integrate a wide range of measured variables and technologies providing extra information beyond inventory
- Benefits from broad Siemens MindSphere connectivity options – data transmission directly from HART devices but also from PLC level

Analyzer System Manager (ASM)

ASM is a monitoring & optimization solution for process analyzers.

- Monitoring of all analyzer-related assets
- Analysis of measurement values and device data for anomalies
- Execution and evaluation of validation/calibration data
- Maintenance management
- KPI reporting

SITRANS serve IQ

The server-based SITRANS serve IQ application is used to acquire and monitor process data from remote measuring points.

- Suitable for all remote measurements, including flow, level or pressure, in industrial or municipal applications, for example for environmental or customer reporting needs
- Data transmission to local server (on premises) via mobile network, such as 3G or 4G
- Access to measurement data via Web browser application, with overview of device locations and detailed trend recording of all process values
- Integration into existing SCADA system possible through standard interface

SITRANS AID IQ

SITRANS AID IQ is an on-premise solution to predict the need for maintenance of Siemens Analyzer.

- Provision of diagnostic data of each analyzer to evaluate health status
- Analysis of diagnostic data to predict device downtime
- Provision of service recommendations
- Access via HMI or Web-based application
- Plug & play principle for easy comissioning

SITRANS mobile IQ

SITRANS mobile IQ is a free app for easy commissioning, parameterization and monitoring of Bluetooth-enabled field instrumentation via smartphone or tablet.

- Automatically detects and displays all supported and difficult-to-access field devices in the vicinity
- Convenient quick commissioning or detailed setup, including graphical support
- Displays device status and profile of selected measured and diagnostic values
- Currently supported field devices:
  - SITRANS LR1xx series
  - SITRANS Probe LU240 with retrofittable SITRANS AW050 Bluetooth adapter
  - SIPART PS100 with retrofittable SITRANS AW050 Bluetooth adapter
- Free download: www.siemens.com/siossitransmobileiq

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