

SITRANS storeIQ APP APPLICATION DATA SHEET

Please Contact Me Using Requestor Information
Below To Discuss My Application Directly

Email To: eis.solutions.us@siemens.com

Instructions: Complete all of the requested customer information and as much of the Application information as possible and then submit to eis.solutions.us@siemens.com in order to determine required hardware and SITRANS storeIQ APP level required.

Requestor Information

Company Name: _____
Requestor Name: _____
Phone: _____
E-mail: _____

Customer Information

Company Name: _____
City: _____
State: _____
Country: _____

End-User Information

Company Name: _____
City: _____
State: _____
Country: _____

Provide plant layout or site plan, drawing or sketch identifying pertinent equipment locations, distances between equipment, etc (e-mail attachments separately)

*Note: If you are unable to provide a site plan or sketch, please review the scenario list to assist in identifying equipment locations, distances between equipment, field communications, and relevant customer preferences for communications etc.

Typical Cloud Based Architectures

Scenario #1

Remote Asset
to Cloud



Browser
Enabled
Device

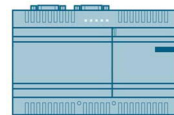


Scenario #2

Remote Asset
to DCS and Cloud



Browser
Enabled
Device



IOT
Enclosure



Plant Operator



Field
Enclosure



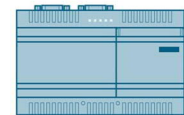
Field
Instruments

Scenario #3

Plant Asset
to Cloud



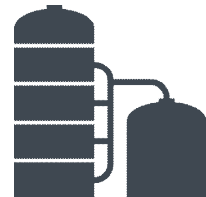
Browser
Enabled
Device



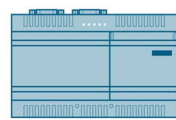
IOT
Enclosure



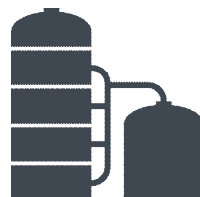
Plant Operator



Instruments
in Plant



IOT
Enclosure



Field
Instruments

Cloud

Plant
(Control Room)

Field

StoreIQ – Remote Monitoring Application Questions

SYSTEM ARCHITECTURE

Describe the process application you are interested in implementing a remote monitoring solution?

Does the instrument process data need to go back to an existing PLC / DCS / SCADA architecture?

If Yes, what type of control system is in place? (Siemens, Rockwell, DeltaV, LocalDisplay only, Other)

If Other, describe _____

If Data is going back to DCS or Control room, what is the customer preferred field device communication protocol back? (select all applicable)

4-20 mA HART Modbus RTU Modbus TCP Profibus Ethernet/IP

Other (define): _____

INSTRUMENTATION

What type of field devices are required to be monitored? (Check all that apply)

Pressure Temperature Level Flow Weighing

Other (define) _____

Are the field devices existing, or new application?

Can the field devices be grouped together (wired back) to a single location?

What type of field device data is required to be monitored? (select all applicable)

Measured Variables: (*Example - Level, Flow Rate, pressure*)

Calculated Variables: (*Example - Totalized Flow, Weight, Volume*)

Diagnostic data: (*Example - Signal Confidence, Empty Pipe, Sonic Velocity, etc.*)

Other (define): _____

CLOUD COMMUNICATIONS ENCLOSURE (IOT Box)

Define connection between field instruments to IOT Box: (select all applicable)

Use pre-existing cable/conduit run

Customer to install new cable run to instruments

Other (define) _____

Define IOT Box installation location; (List applicable materials, mounting, pad lockable, etc)

Indoor (define) _____

Outdoor (define) _____

Does customer require local display at IOT Box? _____

Define site location power requirements (select all applicable)

Existing 120VAC/24VDC power available

Solar PV w/Battery

Battery only

If IOT Box is sending data back to DCS or Control Room Define requirements? (select all applicable)

New Installation (Cable installation required by Customer)

Existing Cable Conduit Run can be used _____

Wireless Preferred (Define distance to Control Room) _____

Other (Provide Description) _____

Select cloud-connectivity option

Select Required data update rate to cloud

Plant LAN (Customer ISP)

Cellular (If Cellular Select Carrier)

Provider of SIM Card (Select)

GENERAL QUESTIONS

Define any on-site service requirement for this project?

Start-up & Commissioning

Training

What is the timeframe for this project?

0-3 months

4-6 months

6-12 months

Is the project funded and approved?

What type of quote do you need?

How soon do you need a quote? _____

Submit Button: EIS email; eis.solutions.us@siemens.com