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.

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Typical Cloud Based Architectures

Scenario #1
Remote Asset to Cloud

Scenario #2
Remote Asset to DCS and Cloud

Scenario #3
Plant Asset to Cloud

Cloud

Browser Enabled Device

Browser Enabled Device

Browser Enabled Device

Plant (Control Room)

IOT Enclosure

IOT Enclosure

Plant Operator

Plant Operator

Instruments in Plant

Field

IOT Enclosure

Field Enclosure

Field Instruments

Field Instruments

StoreIQ – Remote Monitoring Application Questions

SYSTEM ACHITECTURE

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?

*Select

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

*Select **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? *Select

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

_____

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)** _____

*Select Area Classifications *Select Enclosure Rating

Does customer require local display at IOT Box? *Select _____

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

- ☐ **Plant LAN (Customer ISP)**
- ☐ **Cellular (If Cellular Select Carrier)**

*Select Carrier

Select Required data update rate to cloud

*Select

Provider of SIM Card (Select)

*Select

Unrestricted

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? *Select

What type of quote do you need? *Select

How soon do you need a quote? _____

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