

Using PI Web API and PowerApps

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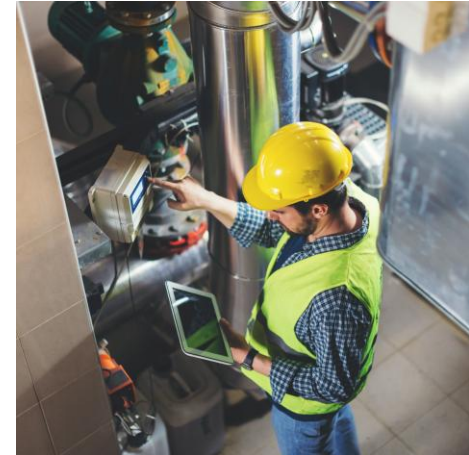
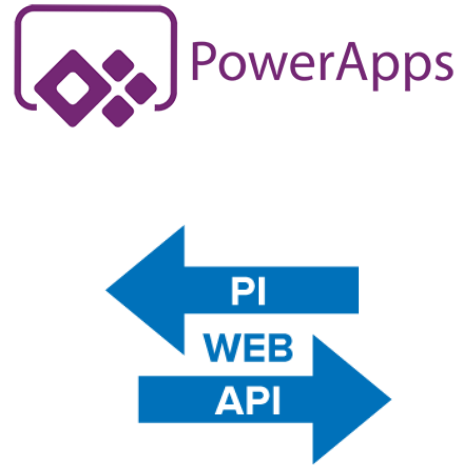
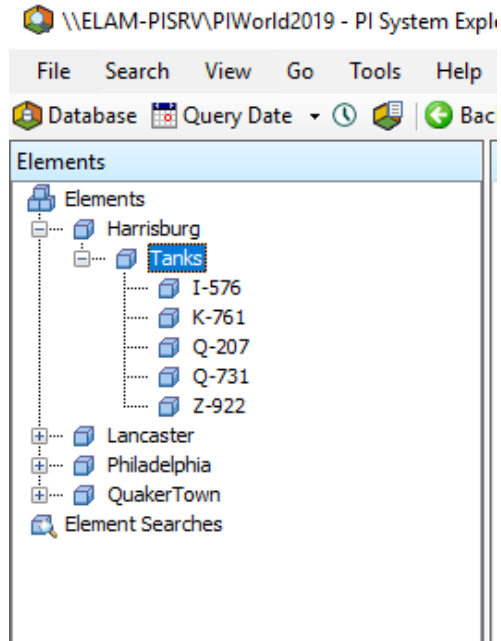


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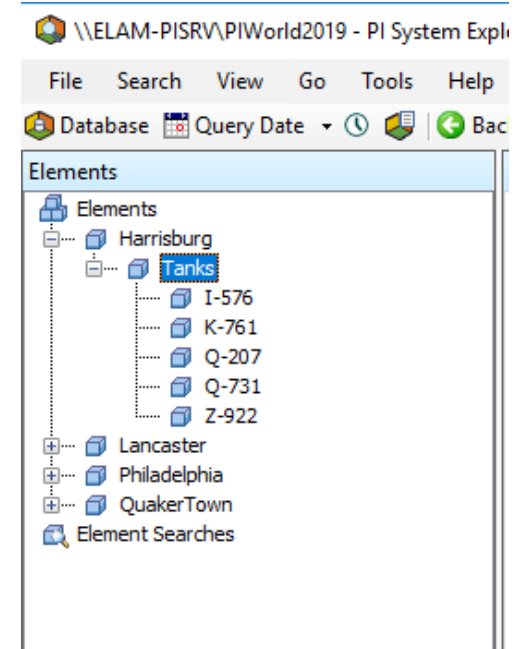
Agenda





Use Case




Use Case



Server 

Database 

Region 

Level 

Search



J-620



J-819



X-155



Z-937





Timestamp 2019-03-07T19:45:04Z

Longitude

-75.15617244 °

Latitude

39.91338929 °

Temperature

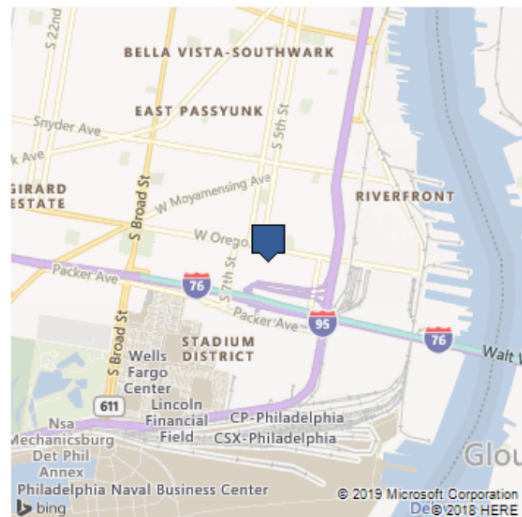
97.72317505 C

Pressure

32.42620001 Pa

Refresh

Create Notification





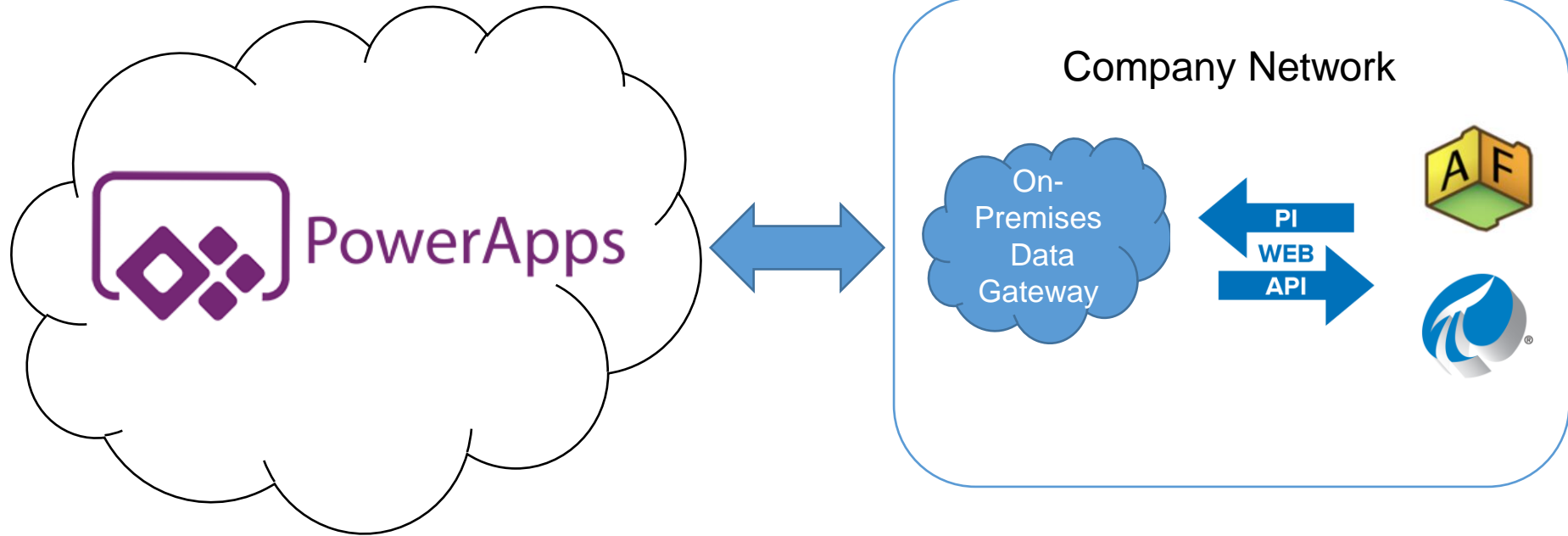
Contact

elam@osisoft.com

Tank isn't functioning properly.

Notify

Architecture



Application Parts

- Search Screen
- Details Screen
- Notification Screen

Application Parts





- **Search Screen**
- Details Screen
- **Notification Screen**

Server ▼

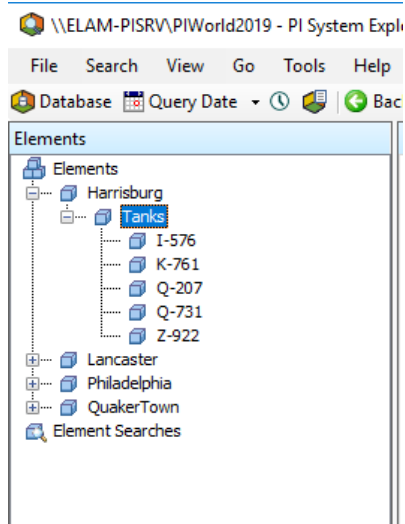
Database ▼

Region ▼

Level ▼

	J-620	>
	J-819	>
	X-155	>
	Z-937	>

Searching Assets



Server:

Database:

Region:

Level:



PI Web API Best Practices

- Use SelectedFields parameter
- Take advantage of StreamSet controller actions
- Specify WebIdType parameter
- Support Request and Response Compression

Application Parts

- Search Screen
- **Details Screen**
- Notification Screen



Timestamp 2019-03-07T19:45:04Z

Longitude
-75.15617244 °



Latitude
39.91338929 °



Temperature
97.72317505 C

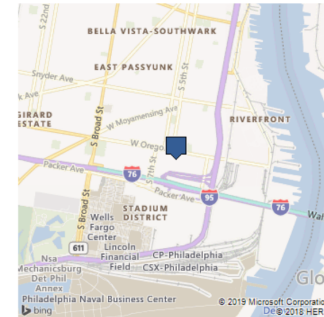


Pressure
03.42620001 Pa



Refresh

Create Notification



Retrieving Data



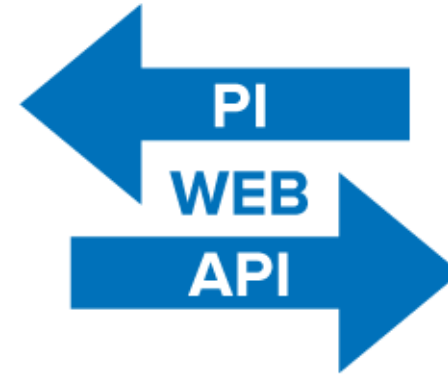
PowerApps - PIWorld2019Example2

D-786 Harrisburg

Name	End Value	UOM
Longitude	-76.86497443	°
Latitude	40.26521231	°
Temperature	48.84870529	C
Pressure	47.09005356	Pa
Level	43.55716324	L

Create Notification

Summary



Questions?

Please wait for
the **microphone**

State your
name & company



Please remember

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Application Parts

- Search Screen
- Details Screen
- **Notification Screen**

