

Asset Based PI Jumpstart

Jumpstart your infrastructure

BEFORE...

DM-05:BW.R DC.SJ.C1.Z1.R1.Rk06.S2.O03.PWR QI-111 FinalProductBin.On 0_ENG_SPD Coal Percent Sulfur f787_E309
02:F101.C 94:GRDIDX.ProdID Boiler-209.Fuel Gas Flow fic1001.C 30:BWT01.PE FIC1001A.PV AF_NOISE DC.Zero
aso TIC-101 DEMO_KPI_Spam DC.SJ.Zone.Rolling.CO2E ACEDemo.Unit3.Output AF_NOISE 03LBA32CT001-2 AT401 02T100
GE01_DailyEnergy AC04.Air Flow Alkylation.Unit2.Asset Down FrqPrbQual_RM Active Meters B209_W839 DC.Srv01R F787_E309
Compressor-340.Steam Flow 02F100.TOT.SHIFT PI-120 02F100.AVG.1H(PE) DC.SJ.C1.Z2.R2.Status
T101.V FIC-121 TI-101 FeedBin.Cmt10-35.Net Volume 55-1.Net Volume AC01.Group Cool Demand
02F100.AVG.1H DailyIntervalCount GE05_Energy FT9001 35ddc6e4-f05f-402f-860e-a810a9a989dd_TimeOffset
CONDENSER CIRC. TEMP. IN AA-1-184.Net Volume 20-2.Net Volume 02:T101.V GE05_CBCI
AMI_BC3_MeterCount GE01_DailyEnergy PI-120 435510925_AC Power
db1e9a7d-4ff2-40e7-b267-ce6d8ec159a3_InstanceID Current Profit DC.SJ.C1.Z1.R1.Rk05.TopFrontTemp
QI-101 DC.SJ.C1.Z1.R3.RK03.Status Bullet Tank 03.Closing Gauge Level.PV AT401 0_ENG_SPD 30:BWT01.PE
Boiler-117.Make-Up Water Flow GE01_A_DT batchid-1 FIC1001A.PV GE01_DT 03LBA32CT001-2 AT401
GE01_STATUS_BIT_081 CDT158 Uncompressed GE05_A_DT PI-101:20
94:GradelIndexBatch FrqPrbCost_ER FI-101AC07.CoolOutput F930_E230
GE04_DailyEnergy Compressor-340.Steam Flow DC.Rk15R B209_W839
Alkylation.Unit2.Availability Sec Active_Crew FIC-101 FT9001
Boiler-209.Fuel Gas Flow DC.Srv01R 94:GRDIDX.Trigger AC09.Power
GE01_DT 409510395_Wind Speed QI-109 GE01_DT Cooling Fan-711.Feed Rate
DM-05:BW.R DC.SJ.C1.Z1.R1.Rk06.S2.O03.PWR QI-111 FinalProductBin.On
94:GRDIDX.ProdID Boiler-209.Fuel Gas Flow fic1001.C FR5001
TIC-101 DEMO_KPI_Spam DC.SJ.Zone.Rolling.CO2E ACEDemo.Unit3.Output
DC.SJ.Zone.RollingPower.Cost Alkylation.Unit2.Asset Down FrqPrbQual_RM
DC.SJ.PUE TI-102 DC.Zero DY-108 DC.SJ.C1.Z3.R3.PDU1.PF GE01_A_DT
403511195_Wind Speed DC.Srv01R Boiler-125.Fuel Gas Volume
1-16.Net Volume CB1992_MS 0_CMP_FLOW_TOTAL GE02_Energy
Anacortes Refinery.Alkylation.Asset Problems B210_FG005.KPIExcursion
FT9001 AlarmTest.Input.Float32.1 AQUA2-TI-201.PV DC.SJ.SiteRealTimeLoad.PWR
FI-101 bf5e1d1d-39c9-4b5b-b3d3-c2ce05fa3a26 94:BW.R AT401
0_CLR_FINAL_OUT_B_TEMP F506_E990 339511775_Clear Sky Global Horiz GE01_DT
D-110.Tank Pressure.PV Boiler Feed Pump #1 FT9001
GE01_CON AlarmTest.Input.Float32.1 FIC-144 02F100 fasitag
FI-151 0_ENG_AUX_STS DC.C221.Pwr.Ripple GE01_A_DT
02F102.1HRAVG BGT001 PI-111 facility_output FI-111
GE05_Energy C1:14AT5 1-8.Net Volume
AC03.Air Flow FeedBin.Cmt Coal Motor Load
Boiler Cold Reheat Pressure 02F100.TOT.EV
B737_FG117 DC.TimeLoad 03LBA32CT001-2
D-110.Tank Pressure.PV TI-145 FR2001
GE04_DT QI-121 GE03_V_WIN TI-178 GE04_OS
DC.Rk07R DC.Srv06R FT9001 FT9001
GE04_Energy TI-121 FT9001
FAC.OAK.Power-Kh-Val.PV AF_NOISE
FeedBin.Cmt DY-131
DC.Zone1.Number DC.SJ.PUE fic1001.C
DailyTrigger GE02_OT
FrqPrbCost_ER GE01_DT

AFTER...

Weather Conditions

Relative Humidity: 34%
Current Temp: 85 °F
High: 92 °F
Low: 57 °F
Wind: 8 mph/N

Crude Tower

Top Column Pressure: 14.7 psi
Tray 15: 720 °F
Tray 12: 760 °F
Tray 7: 850 °F
Light End: 320 °F
Light End Flow: 210 bph
Naphtha Flow: 165 bph
Jet Fuel Flow: 230 bph
Diesel Flow: 150 bph
Kerosene Flow: 180 bph
LVGO Flow: 50 bph
HVGO Flow: 35 bph
Diesel Cloud Point: -40 °F
Crude Flow: 1250 bph

Crude Furnace

Draft Pressure: -0.5 WC
Stack Temp: 316 °F
Oxygen: 2.5%
Firebox Temp: 860 °F
Outlet Temp: 840 °F
Cold Oil Velocity: 6 ft/sec

Crude Desalter

Operating Pressure: 110 psi
Charge Rate: 14 gph
Mix Valve Pressure: 8 psi
Water Rate: 8%

Vac Distiller Tower

Reflux Ratio: 1.2
Bottoms Flow Rate: 5.9
kgmole/min
Base Temp: 244 °F
Accumulator Temp: 120 °F

Do you have asset health monitoring, downtime tracking, or energy reduction initiatives?
Have you wished for easier, faster reporting?
Would you benefit from a centralized, standard view of your data?

An asset-based PI System™ helps you address business objectives – from operations monitoring to performance improvements to simplified reporting – in a smart, scalable way. With the Asset Based PI Jumpstart, you receive personalized training from experts on how to develop an asset model that will jumpstart your path to operational insights and help solve your business problems.

Accelerate your Time to Value

The Asset Based PI Jumpstart is a comprehensive package that provides the software, services, and expertise you need to implement, use, and maintain your PI System for asset-driven insights. It includes:

- Upgrading your PI Server™ to the latest version (if needed).
- Three PI Coresight™ user licenses with one year of SRP.
- Remote installation of PI Coresight.
- A three-day workshop which will train and coach you on how to apply the Asset Framework (AF) to solve business problems.

Access the Latest Tools and Capabilities

The latest PI System provides new ways to view, analyze, and securely share your data. The upgraded PI Server includes AF which enables you to organize data according to familiar assets so you can make asset-based comparisons, calculate and monitor KPIs, and auto-track key events such as downtimes and excursions. With PI Coresight, you can easily create displays and instantly share important information whether you use a desktop at your office or a mobile device in the field. The latest versions of the PI Server and PI Coresight are required for the three-day workshop.

Receive Training and Coaching from Experts

Over the course of the workshop, you will gain hands-on experience working with AF and asset-based PI System Tools within the context of a business objective that you identify. You will learn:

- How to define and build an asset model to fit your objectives.
- How to develop automated calculations, event tracking, and alerting.
- How to work with your asset model in reusable, asset-based displays and spreadsheets.

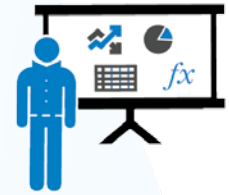
By the end of the workshop, your asset model will be started and you will have the knowledge you need to continue building and addressing your business objectives with an asset-based PI System.

To learn more about the power of asset-based analysis and the Asset Based PI Jumpstart please email sales@osisoft.com.

About OSIsoft, LLC

OSIsoft, a global leader in operational intelligence, delivers an open enterprise infrastructure to connect sensor-based data, operations, and people to enable real-time and actionable insights. As the maker of the PI System, OSIsoft empowers companies across a range of industries in activities such as exploration, extraction, production, generation, process and discrete manufacturing, distribution, and services to leverage streaming data to optimize and enrich their businesses. For over thirty years, OSIsoft customers have embraced the PI System to deliver process, quality, energy, regulatory compliance, safety, security, and asset health improvements across their operations. Founded in 1980, OSIsoft is a privately held company, headquartered in San Leandro, California, U.S.A, with offices around the world. For more information visit www.osisoft.com.

Field Service Onsite Workshop



PI System Upgrade



PI Coresight

