OSIsoft.

USERS CONFERENCE 2013

The Power of Data

THRIVING IN A WORLD OF CHANGE

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A Day in the Life of an Asset in the PI System

Presented by **Steve Kwan and Chris Coen, OSIsoft**

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Demo Framework

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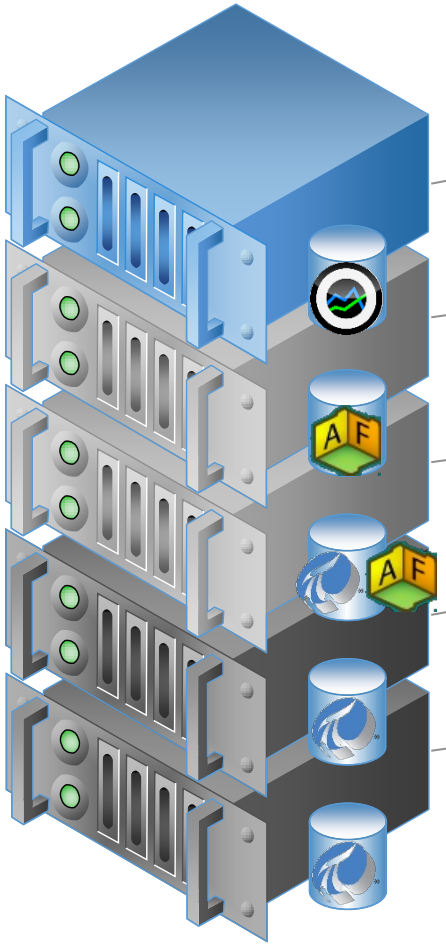

DFPICoresight

DFPIAF

UCAFSVR

DFPIServer2

DFPIServer1

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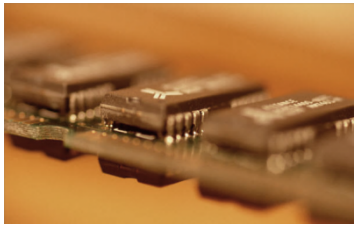
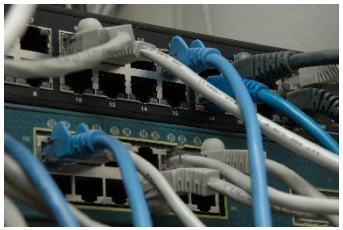
Important server metrics

- Disk usage and space
- Memory usage
- Network bandwidth
- Processor usage
- Operating system





Windows Server 2012

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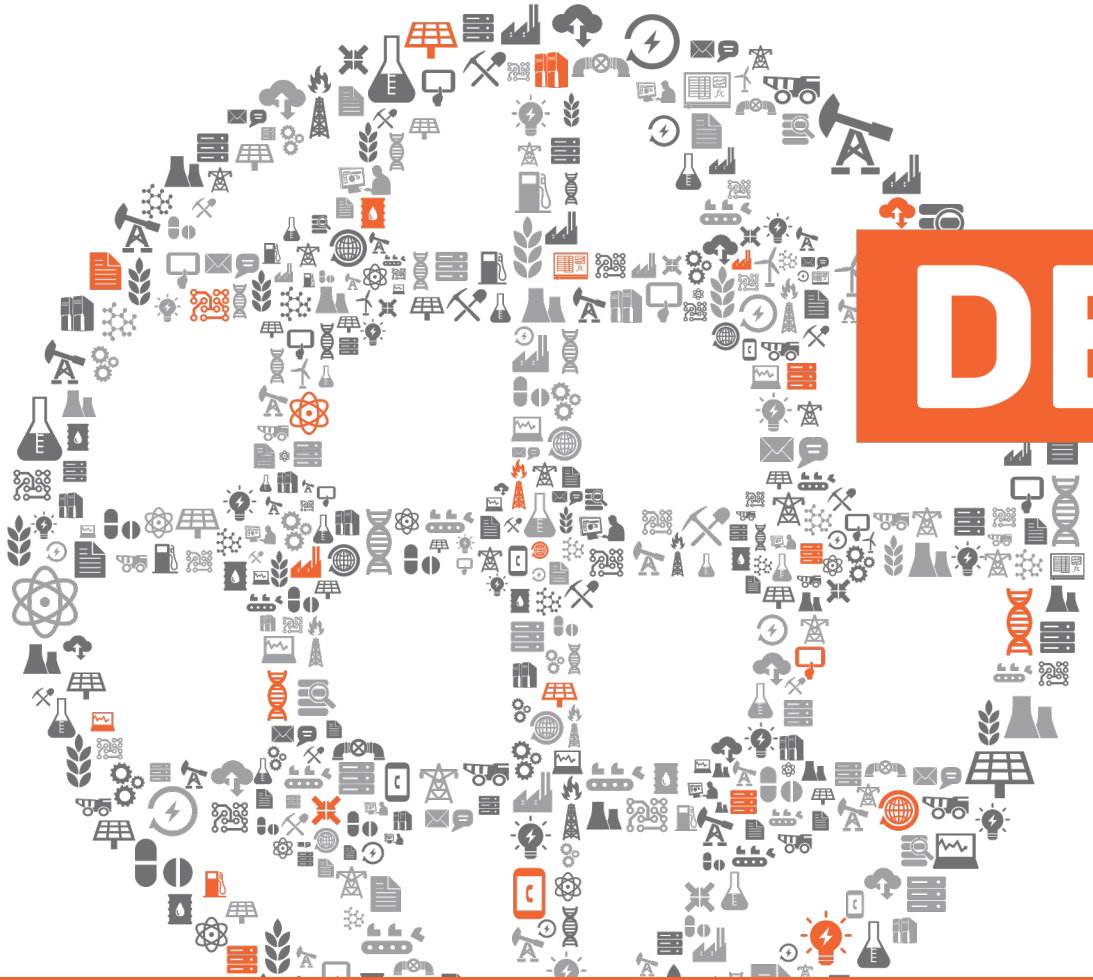

DEMO

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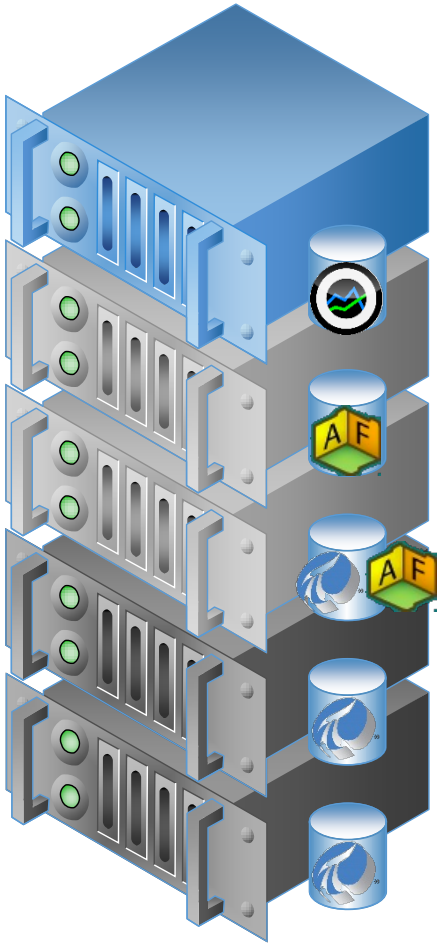

Tags

Data

Assets

PI Interface

Config

Windows Server 2012

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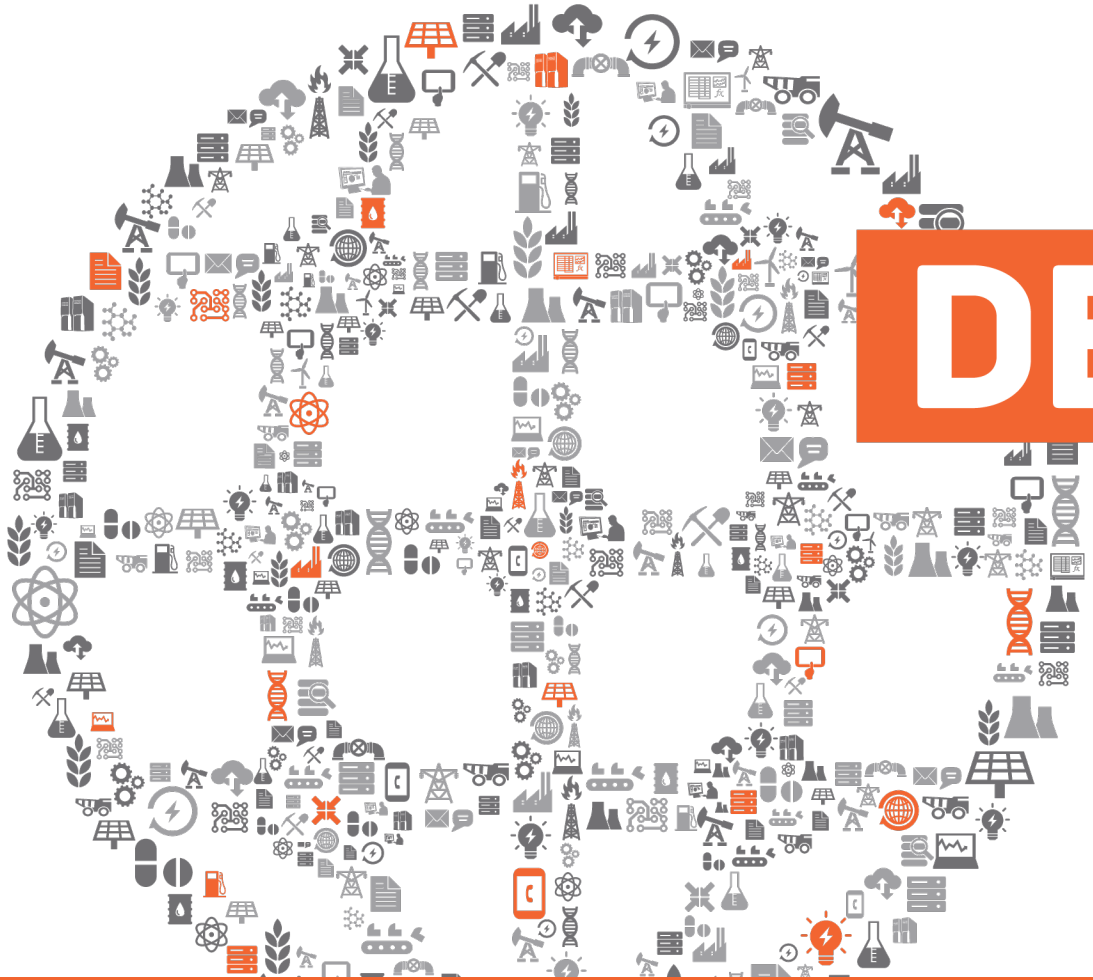

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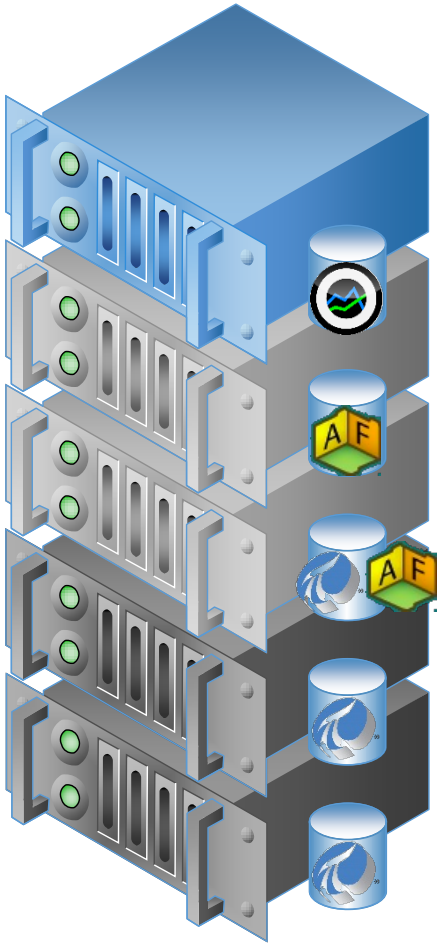
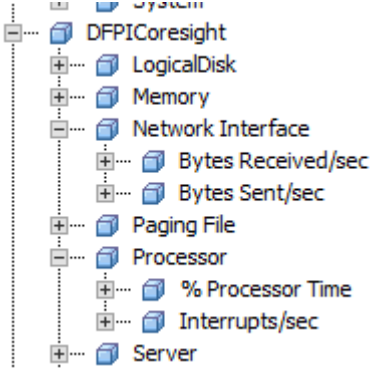


Auto created



- Tags
- Assets
- Data

Calculated

- Data
- Assets

Marked

- Events

Reported on and Built

- Assets
- Data

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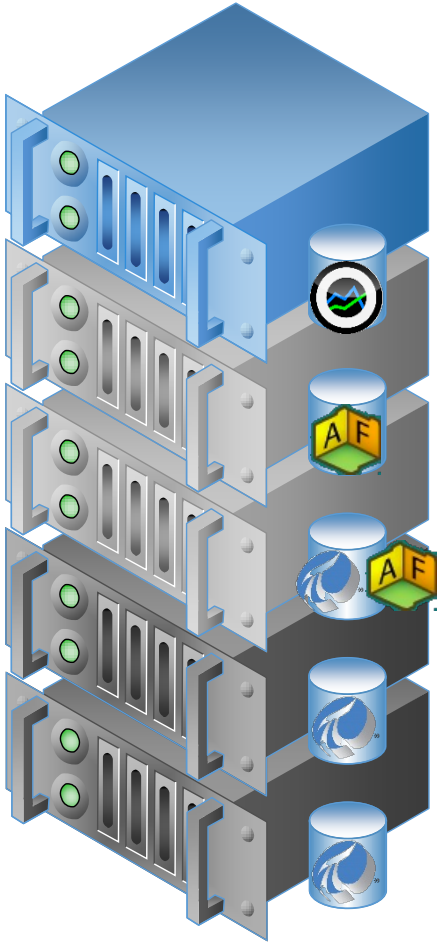
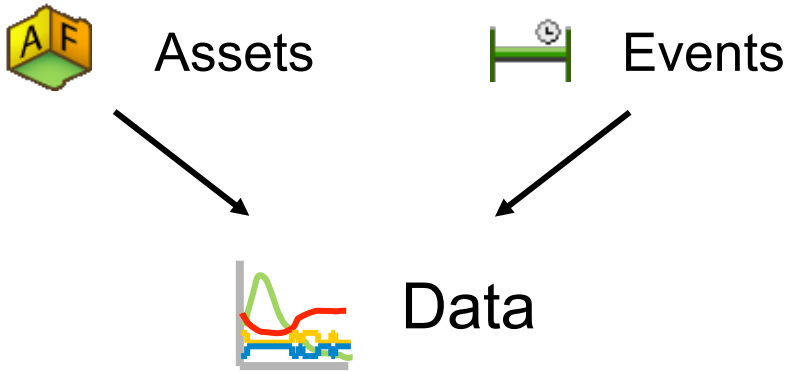


Browsed, Found and Discovered



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PI Interfaces

- Smart, Asset-based Interfaces
- Create tags, assets automatically
- Collect data at faster rates

- Coming late 2013

See a live demo at the Product Expo

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Asset Based Analytics

Easy as 3.14159265 – Next Generation Calculation Engine

9-9:30 am, Grand Ballroom B

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Delivering Events across the PI System

Presented by Todd Brown and Chris Nelson

Thu 11:20 – 12:30 in Grand Ballroom B

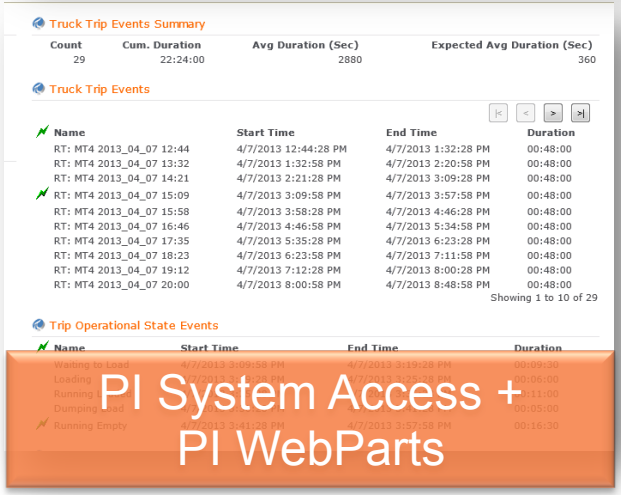
PI AF: Asset Based Analytics – Event Detection

Start Trigger

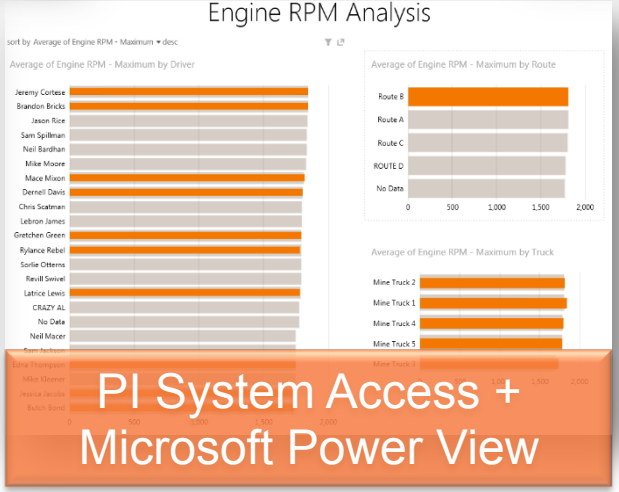
Variable	Expression
Output	('Operating State'="Unloading") AND ('Tilt Dump Amps'>'Tilt Dump Amps High Limit')
	Add a new expression

End Trigger ☐ Same as start trigger

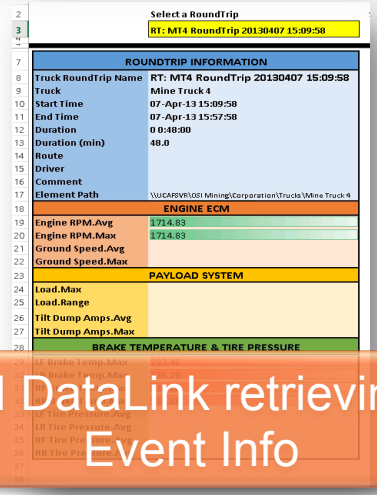
Variable	Expression
Output	('Tilt Dump Amps'<'Tilt Dump Amps High Limit')
	Add a new expression



PI System Access + PI WebParts



PI System Access + Microsoft Power View



PI DataLink retrieving Event Info

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PI AF 2012

- AF SDK – high performance access to PI time series data
- Support for time context for external tables
  - Aggregate external data with PI data
  - Calculations
  - KPIs

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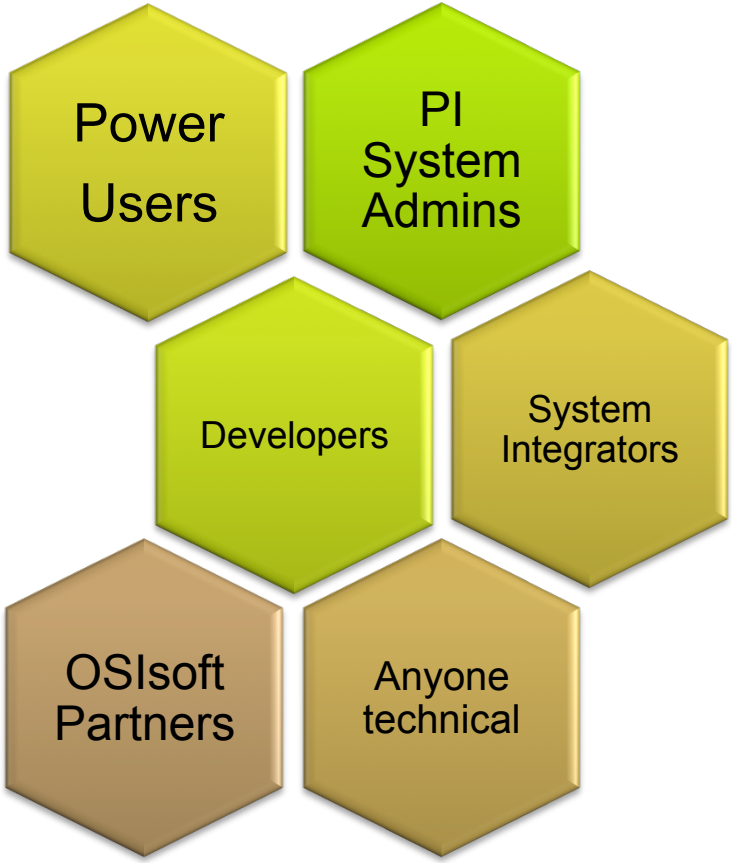
Get hands on knowledge of how to use and get value from the PI System

OSIsoft DECEMBER 3 - 6, GRAND HYATT SAN FRANCISCO

vCampus Live! 2013

WHERE PI GEEKS MEET

SAVE THE DATE



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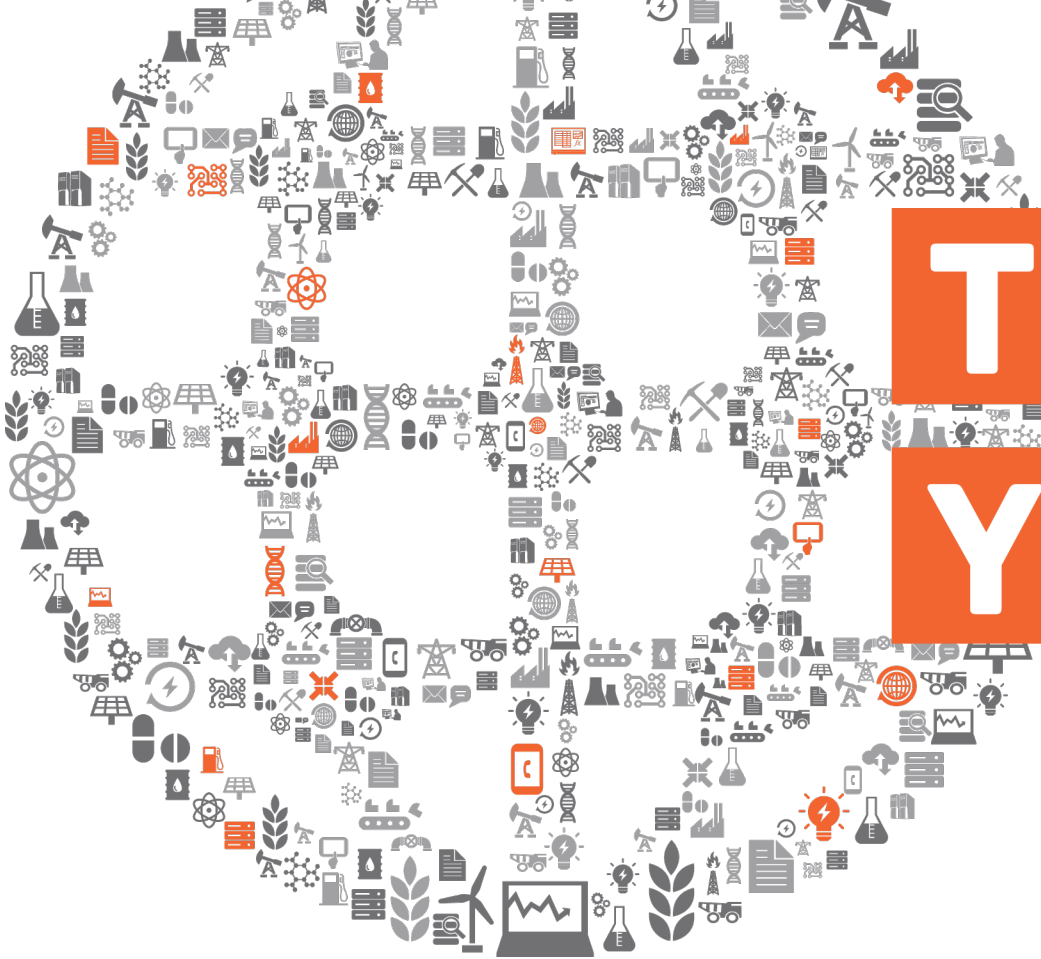

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