

# Real-time analytics with IT OT integration



# IT OT Utilities Use Cases



## Optimize Energy Supply Chain

- Single, Real-time Visualization of Energy Supply Chain
  - Load Forecast, Plan, Balance Generation –Transmission - Distribution
- 



## Increase Plant / Grid Efficiency

- Assets: View Current Performance, Improve usage and Cut Costs
  - Demand: Leverage Smart Meters Data for Efficient Energy / Services Usage
  - Fraud: Deploy Controls, Detect Energy Theft, Reduce Loss
- 



## Improve Customer Experience

- Enhance Service Leveraging Visualization of Customer 360 in Real-Time
- Empower Customers, Respond Faster Through Multiple Channels of Choice

# Demo Application - Electric Power Distribution Company



## Systems Integration

- OSI Soft PI
- ESRI MAP Cloud
- SAP HANA Platform
- SAP Asset Management
- SAP Plant Maintenance



## Use Case Addressed

- Replication of Sensor data in SAP HANA Platform
- ESRI Cloud integration with SAP HANA Platform
- Reading of asset data from SAP standard applications
- Predictive capabilities of SAP HANA Platform



**Thank you**

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