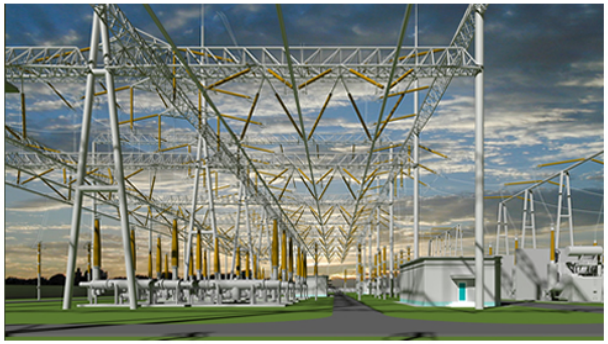
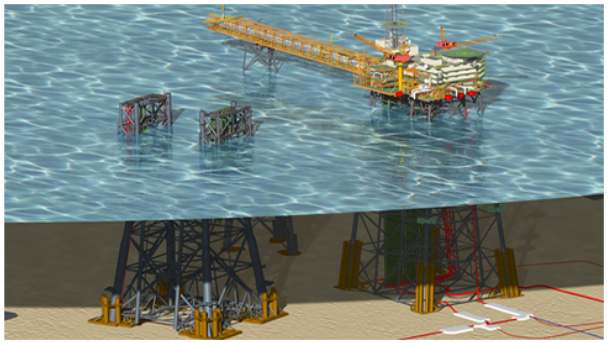




Bentley ISO 15926 Update

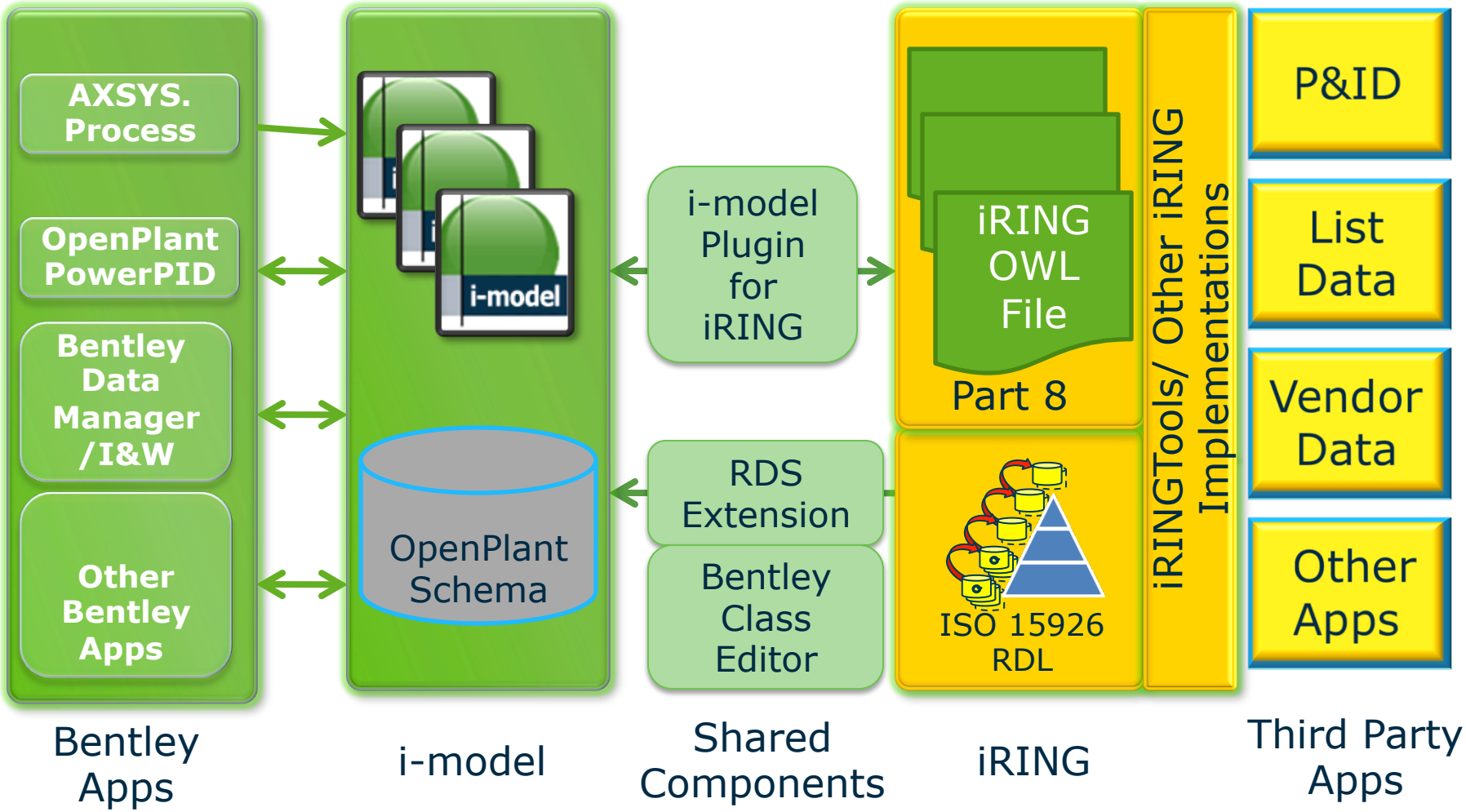
Glen Worrall, Bentley Systems Inc.

Bentley
Sustaining Infrastructure

Presentation Overview

- Bentley iRING and OpenPlant Interoperability Environment
- iRING functionality delivered in latest product releases
- Bentley involvement in advancing iRING
- ISO 15926 in practice

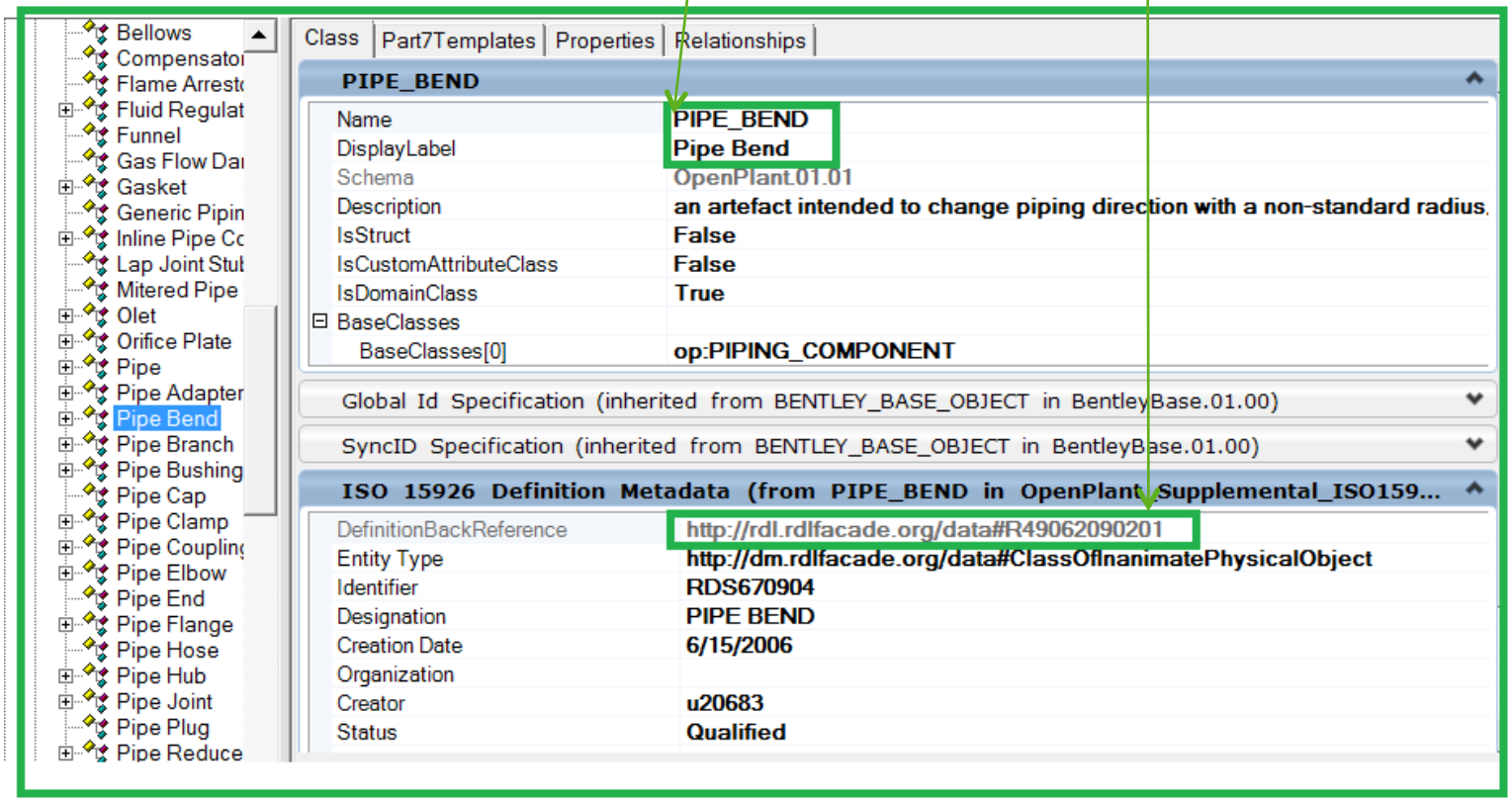
Bentley iRING Interoperability Architecture



ISO 15926 mapping in OpenPlant Schema

Dictionary

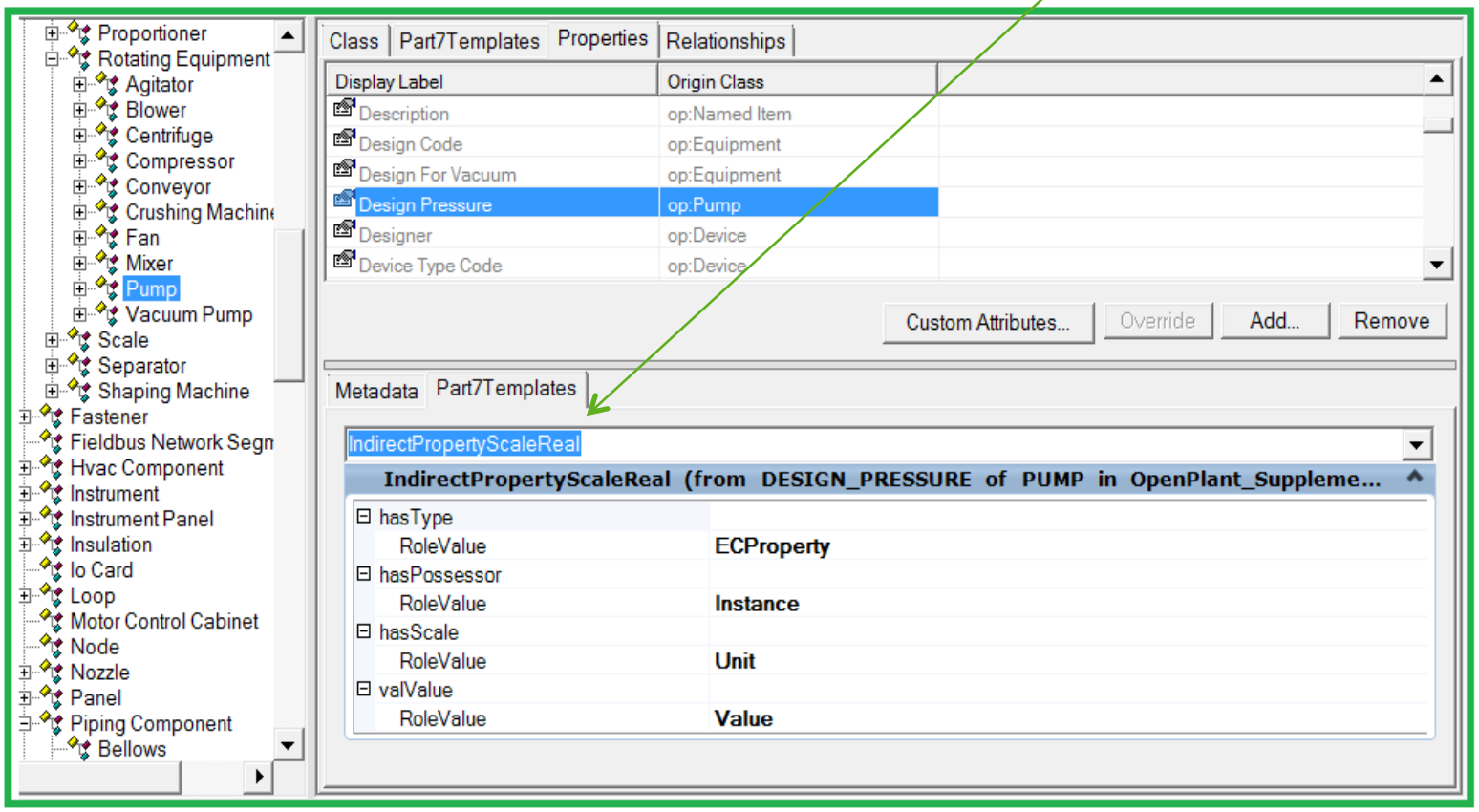
URI – Uniform Resource Identifier



Bentley Sustaining Infrastructure

ISO 15926 mapping in OpenPlant Schema

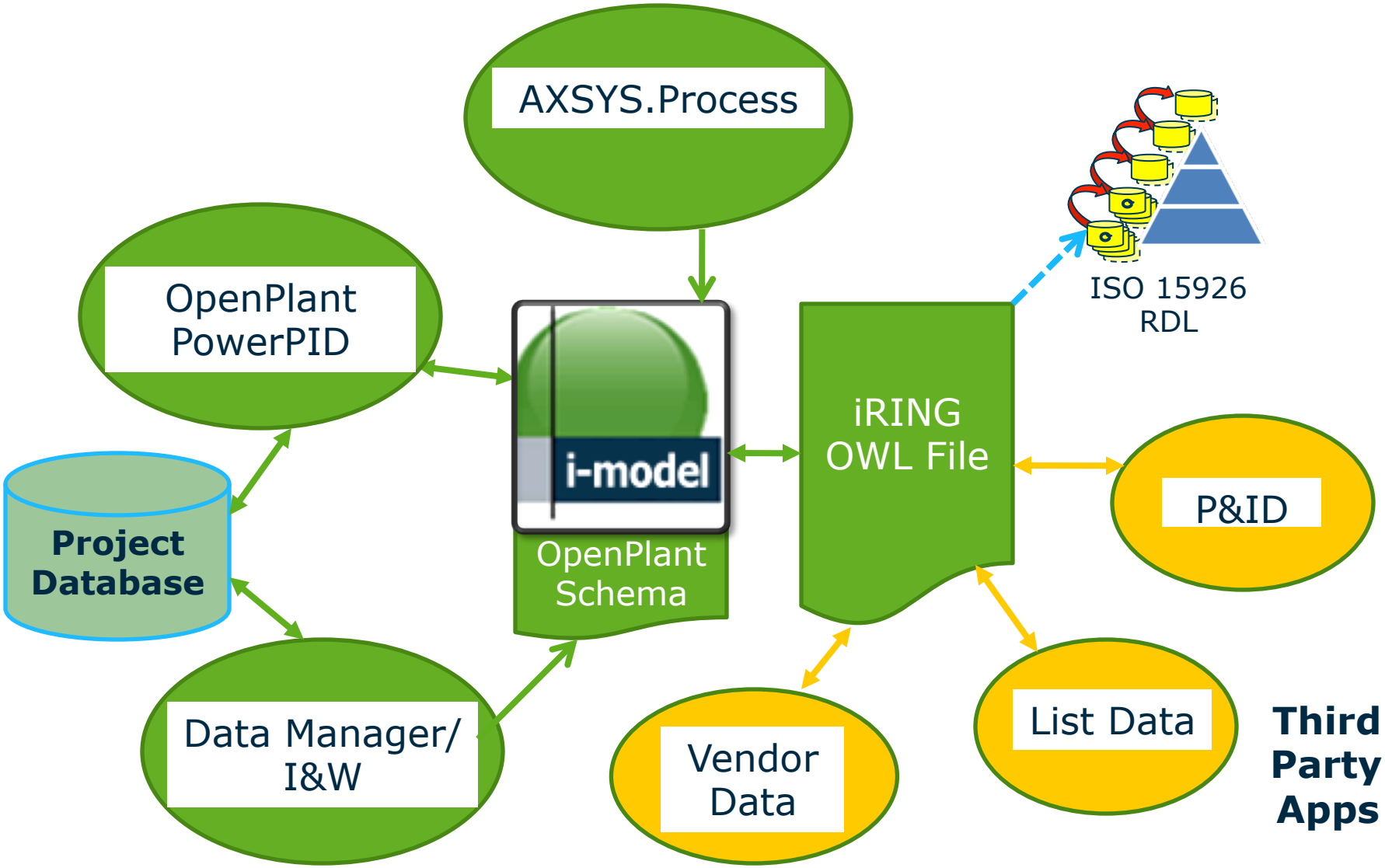
Part 7 - Templates



iRING Functionality in Bentley Products

- AXSYS.Process V8i Select Series 4 (Released)
- OpenPlant PowerPID V8i Select Series 4
- Bentley Data Manager V8i Select Series 3 (Released)
- Bentley Instrumentation and Wiring V8i Select Series 3 (Released)
- Scope of Data Exchange through iRING
  - List Data (1 D – Geometry not included)
    - Equipment List
    - Line List
    - Instrument List
- i-model from AXSYS and OpenPlant PowerPID includes complete model including graphics

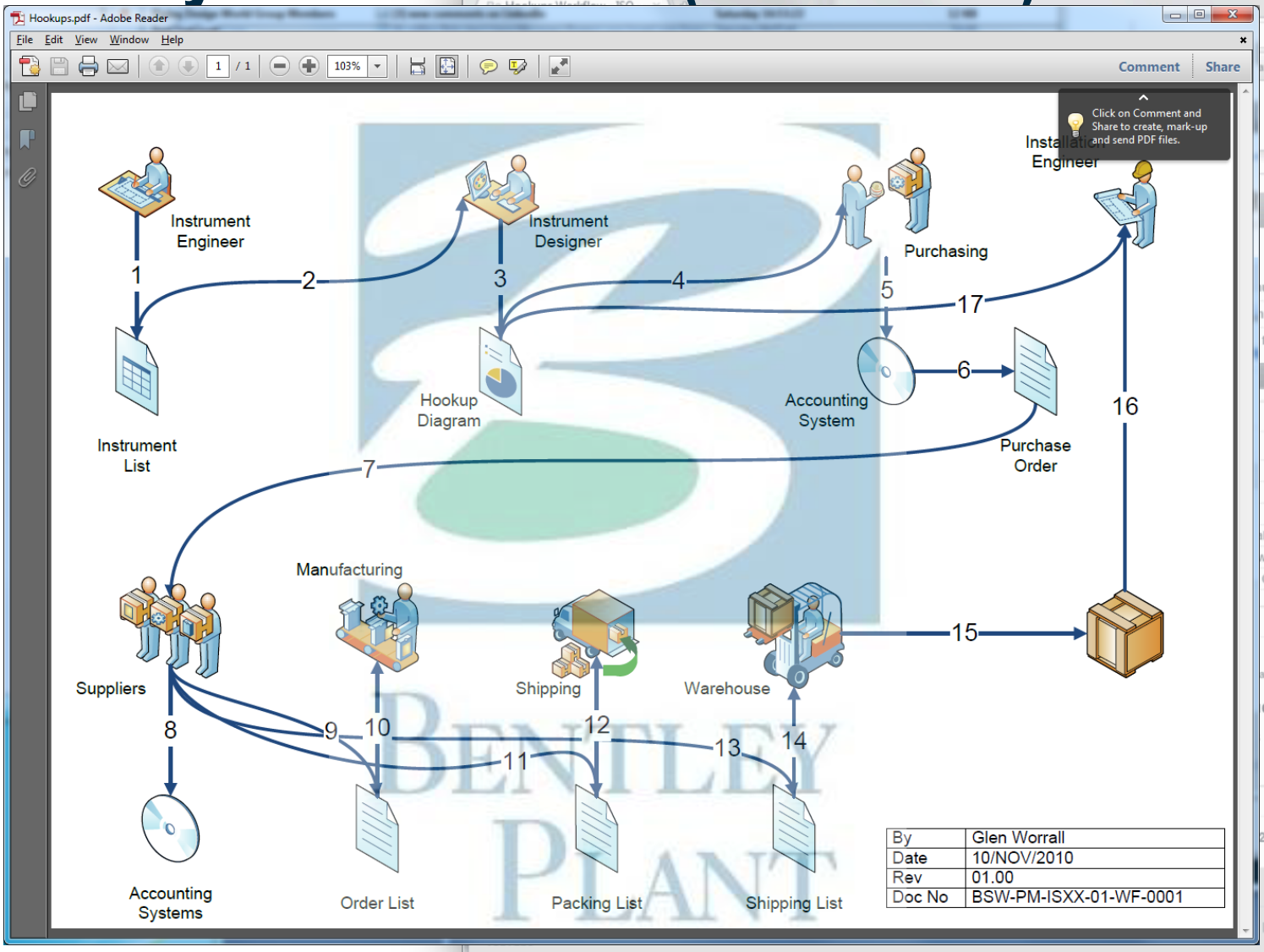
Possibility of iRING Workflow Scenarios



Bentley involvement in advancing iRING

- iRING Interface Project (IIP)
- ISO 15926 Primer
- ISO 15926 Part 9 co-authored by Rahul Patil
- FIATECH STAR Award for Keith Willshaw
- PCA - Geometry Special Interest Group (SIG)
- ISO 15926 on Bentley Communities and Facebook
- FIATECH Project - Collaborating with Neutral 3D Model

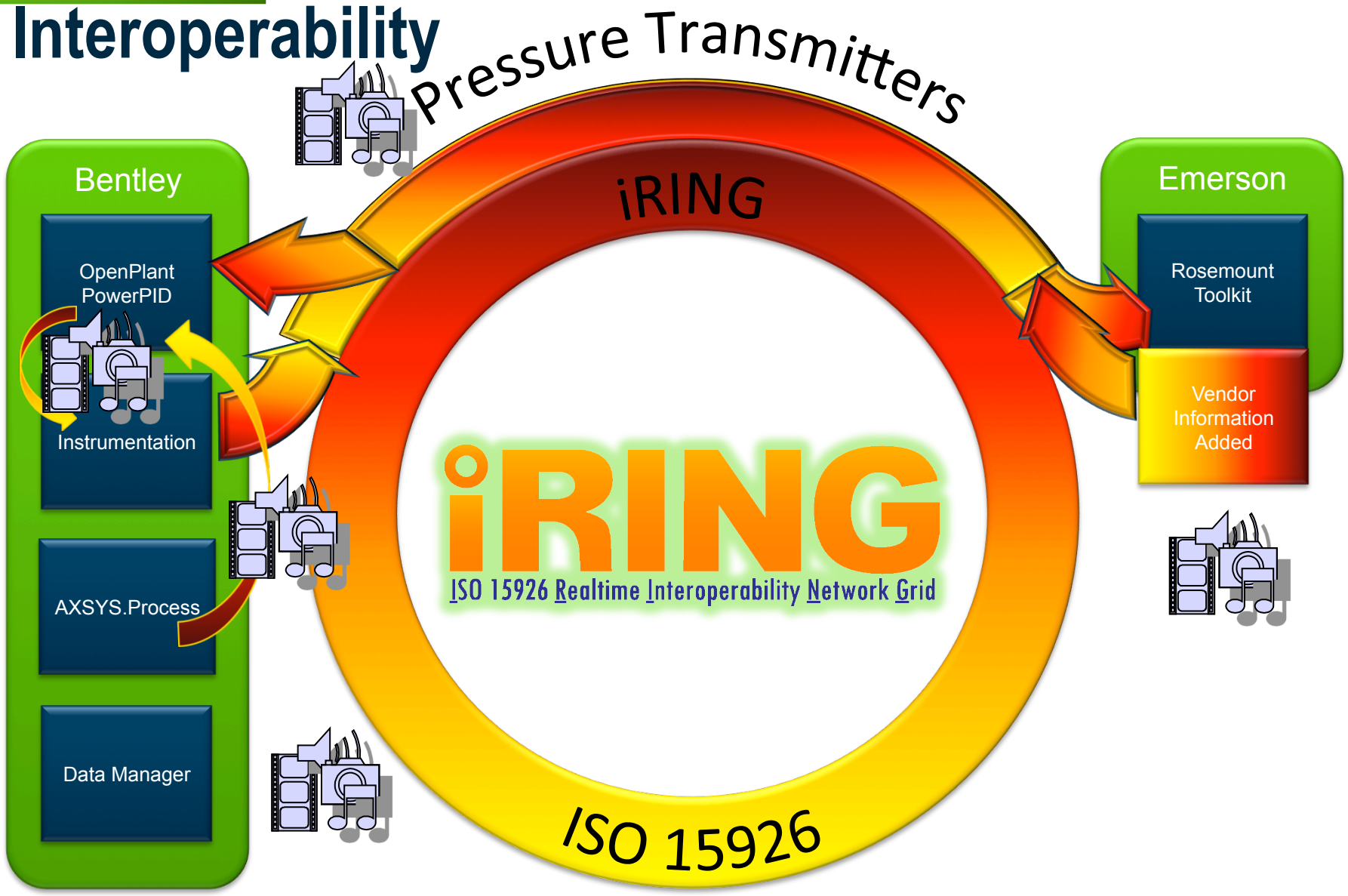
Bentley Communities (ISO 15926)



Bentley Sustaining Infrastructure

Direction of Data Flow

Interoperability



How can you prepare for ISO 15926?

- Join iRING User Group
- Join FIATECH and/or PCA
  - www.fiatech.org
  - www.posccaesar.org
- Identify your high value iRING use cases and interoperability workflows
- Start implementing Products and Technologies supporting iRING
- Make ISO 15926 a core strategy!!!

  - Active Collaboration is the key....

Thank you

Glen Worrall – Bentley Systems