

OSIsoft®
**REGIONAL
SEMINAR**
The **Power** of **Data**

**THRIVING
IN A
WORLD OF
CHANGE**



Case Study

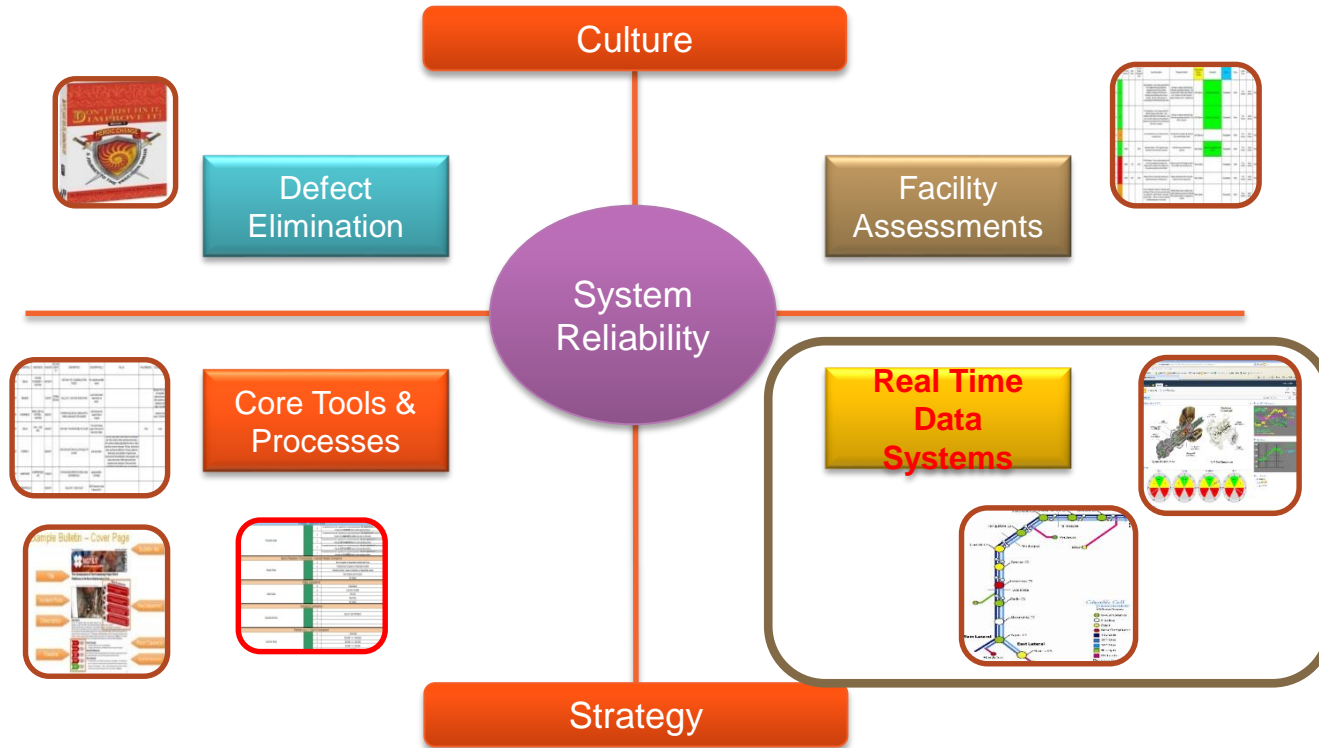
Roadmap to an Enterprise Agreement

Presented by **Michael Graves, Industry Principal, O&G Midstream**

Agenda

- Business Goal
- Value Opportunity Areas
- Value Discovery Process
- Justification and Recommendation
- Roadmap
- Q&A

Compressor Fleet Reliability is the stated business goal – access to real time data is a critical element



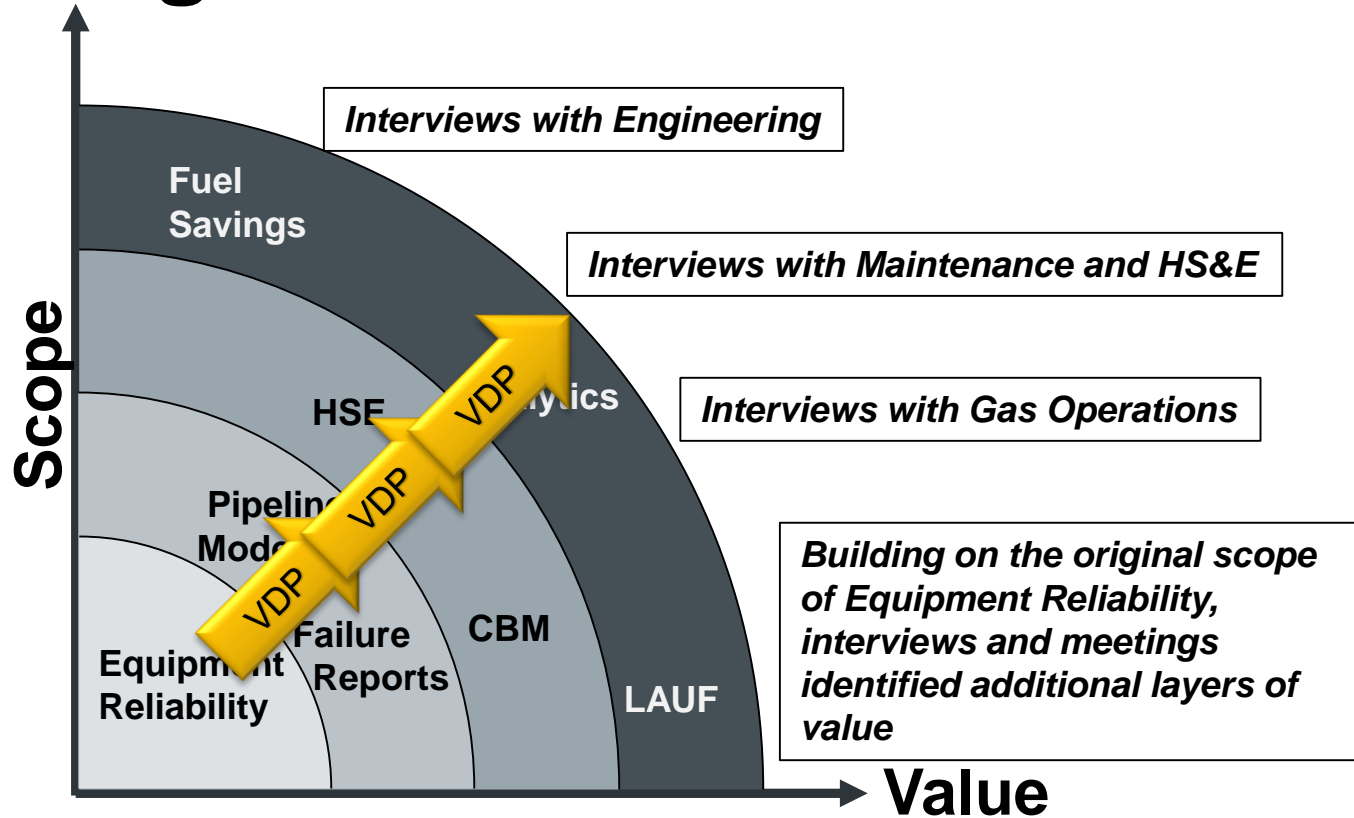
Value Opportunities

- Real time data is a critical component of the reliability program
 - To meet reliability goals, **a technology solution is needed** that will:
 - 1) capture more data from process points and operating equipment,
 - 2) capture data at a higher frequency (shorter intervals),
 - 3) provide a toolkit for analyzing data, and
 - 4) create a “High-Availability” computing environment
- A solution for the reliability program would support other business initiatives (***e.g., value opportunities***)
 - Pipeline Modeling
 - FRACAS (Failure Reporting, Analysis, Corrective Action System)
 - Visibility to System Health and Analytics
 - Environmental reporting
- It is difficult for any of these initiatives to move forward due to limitations with the current fragmented IT systems environment

Value Discovery Process

- **Joint NiSource and OSIsoft meetings at Operations HQ in Charleston, WV**
 - Facilitated by OSIsoft COE Leaders
- **Key business leaders in attendance to discuss PI capabilities and business needs:**
 - General Value
 - Asset Performance
 - Operational & Maintenance
 - Enterprise Visibility
 - Sustainability
 - Overall PI Infrastructure
- **Reviewed and discussed NiSource environment and plans**
 - Current IT infrastructure and dependencies
 - Additional corporate initiatives that could leverage value of the PI System

Building the Justification



Proposed Solution – OSIsoft EA

OSIsoft is the industry leader in data systems and software for real time reliability systems

Implementing an “Enterprise Agreement” with OSIsoft will deliver:

- A **distributed, networked system** of “collectors” that store data in a central database
- A **system that will not be constrained** by traditional “Tag Counts”
 - Historically we’ve made “trade-off” decisions in collector points to stay within a license limited tag count
- A system and toolkit that will be **available to a broad user base for condition monitoring as well as predictive modeling and analysis**
- A system that can easily be scaled up or down
- Access to OSIsoft CoE resources to resolve complexities and sustain system benefits

Frontline and technical personnel will access data and form-fit information for Performance, Diagnostic, and Prognostic analysis.

EA – Overview of Services

Enterprise License Agreement

Architecture
Assistance

Value Realization
Center of Excellence

Enterprise
Program Manager

OSIsoft
Installation/
Configuration

Training

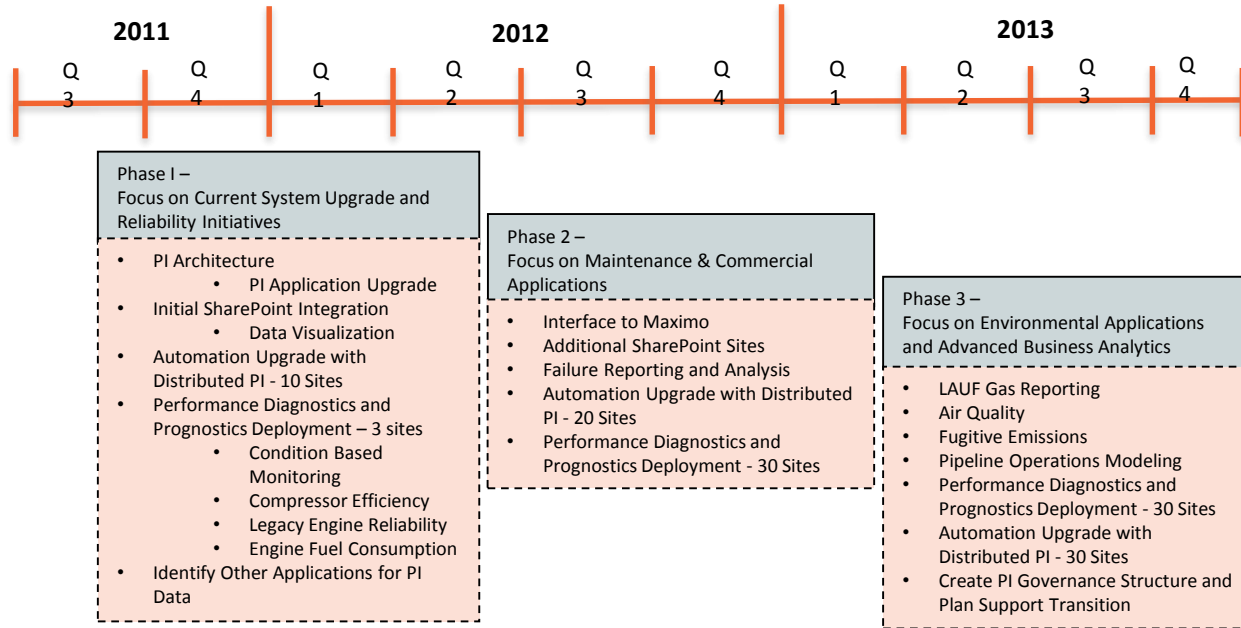
Asset
Monitoring

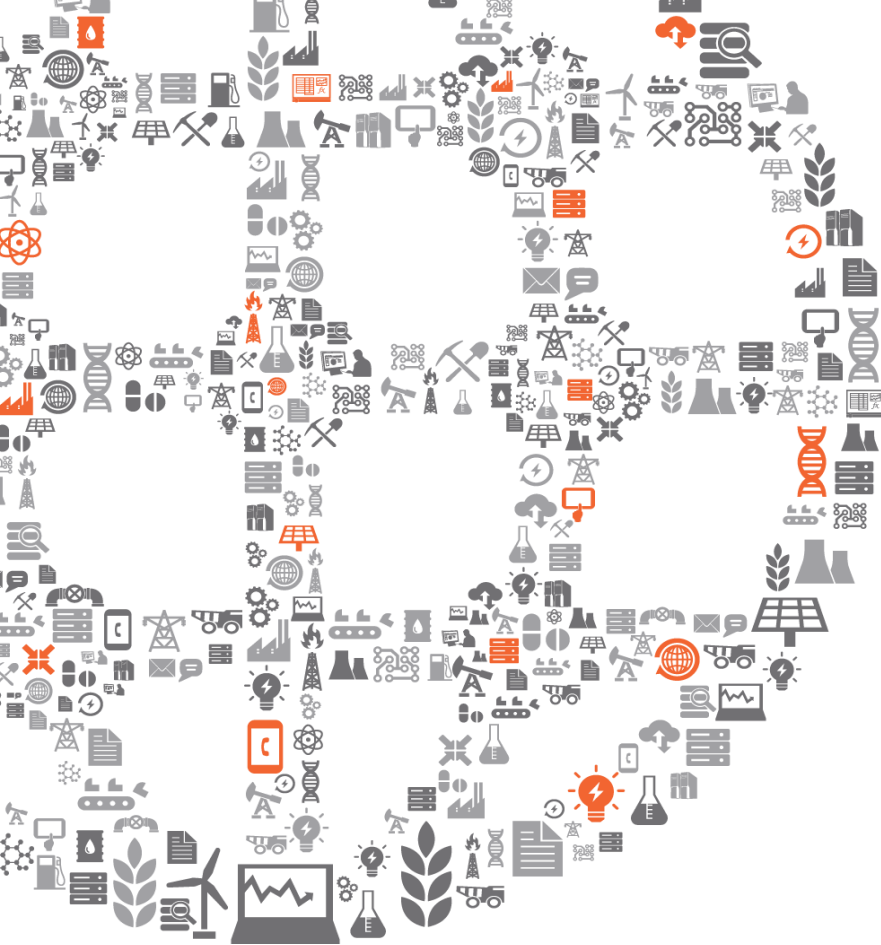
Software
Upgrades

Extranet

Roadmap

Implementation is designed to **capture** the discovered value





Questions

Please wait for
the **microphone**
before asking
your questions



State your
**name &
company**



THANK

YOU

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