Partnership

- Many common Customers
- Customers that demand a global reach
- Emerson’s Pervasive Sensing is a fundamental data source
- Emerson provides Applications and Consulting expertise leveraging value from the OSI data

- Enterprise Data Infrastructure
- Real-time data access
- Initially a Technology Provider, now Global Encompass™ Partner
- Enterprise selling – value of data driven decision making
Emerson Focus: Industry Benchmarks Reveal Significant Business Improvement Opportunities from Average to Top Quartile Performers

**Production**
- 20% lower operating costs
- 10% higher Utilization Rate

**Safety**
- 3X fewer recordables and process incidents

**Reliability**
- 4% higher availability
- Half the maintenance costs

**Emissions**
- 30% lower emissions
- 30% less energy use

Sources: Refining and Petrochemical Benchmarks, API, Solomon, OSHA, IHS Markit and Company Reports

Emerson Proprietary
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Approximately **ONE TRILLION DOLLARS** in company value is lost every year to suboptimal operating performance.
The Emerson Plantweb Digital Ecosystem

Our Advisor Solutions leverage the OSI Data Infrastructure.
The Emerson Plantweb Digital Ecosystem
Our A

Applications

Plantweb Advisor
Performance
Health
Energy

Other Industries ADVISOR
PULP & PAPER ADVISOR
MINING ADVISOR

Plantweb Big Data & Analytics
CEI
Pilar™

Plantweb Insight
PUMPS
HEAT EXCHANGER
VALVES
HEALTH
STEAM TRAP

Rich Tools

Emerson Connected Services

Technology Partnership

Data & Connectivity

Pervasive Sensing™

Secure First Mile™
Emerson Enterprise Suite for Equipment Analytics

Health Advisor
(Actual v.s. Baseline)

- 4% higher availability
- Half the maintenance costs

Performance (Actual v.s. Nominal)

- 20% lower operating costs
- 10% higher utilization rate

Energy (Actual v.s. Target)

- 30% lower emissions
- 30% less energy use
Video: Advisor for Mining
Final remarks

• The Advisor Suite presented is the highest Emerson IIoT Application and it is based on PI System.

• Preconfigured Applications which combine Process and Asset data to enable remote management of Overall Asset Health and Performance.

• Available on-premise and in the Cloud for Customer use or Connected Services.

• Incorporates Predictive Intelligence: Advanced Analytics and Machine Learning.

• Plantweb™ Advisor Applications are IP protected and Emerson proprietary.
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Thank You

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