

# Assessing Your Data Infrastructure Maturity, and Moving it Forward

Sam Clark, Field Service Engineer  
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# There's so much to accomplish with your DATA...

## ...where to begin?



# Empowerment begins with a plan



# Keys to a Successful Data Infrastructure Program



## People

- ✓ Business Sponsor
- ✓ Program Manager
- ✓ SME(s)
- ✓ Champion



## Processes

- ✓ Rollout/Installs
- ✓ System Administration
- ✓ Regular Meetings
- ✓ Development



## Technology

- ✓ Interfaces
- ✓ Historian
- ✓ Applications
- ✓ Analyses



**Getting Alignment**

# Key Point: Get the stakeholders talking



How many spreadsheets do you use?

Are reports static?

How do you get data in the field?



What's your security segmentation?



How much lead time do you have before a failure?

*Tips:*

- *Remember IT*
- *Consider other sites*



# How do you agree on the elephant in the room?

## Business Issue:

Different departments perceive different obstacles. No alignment.

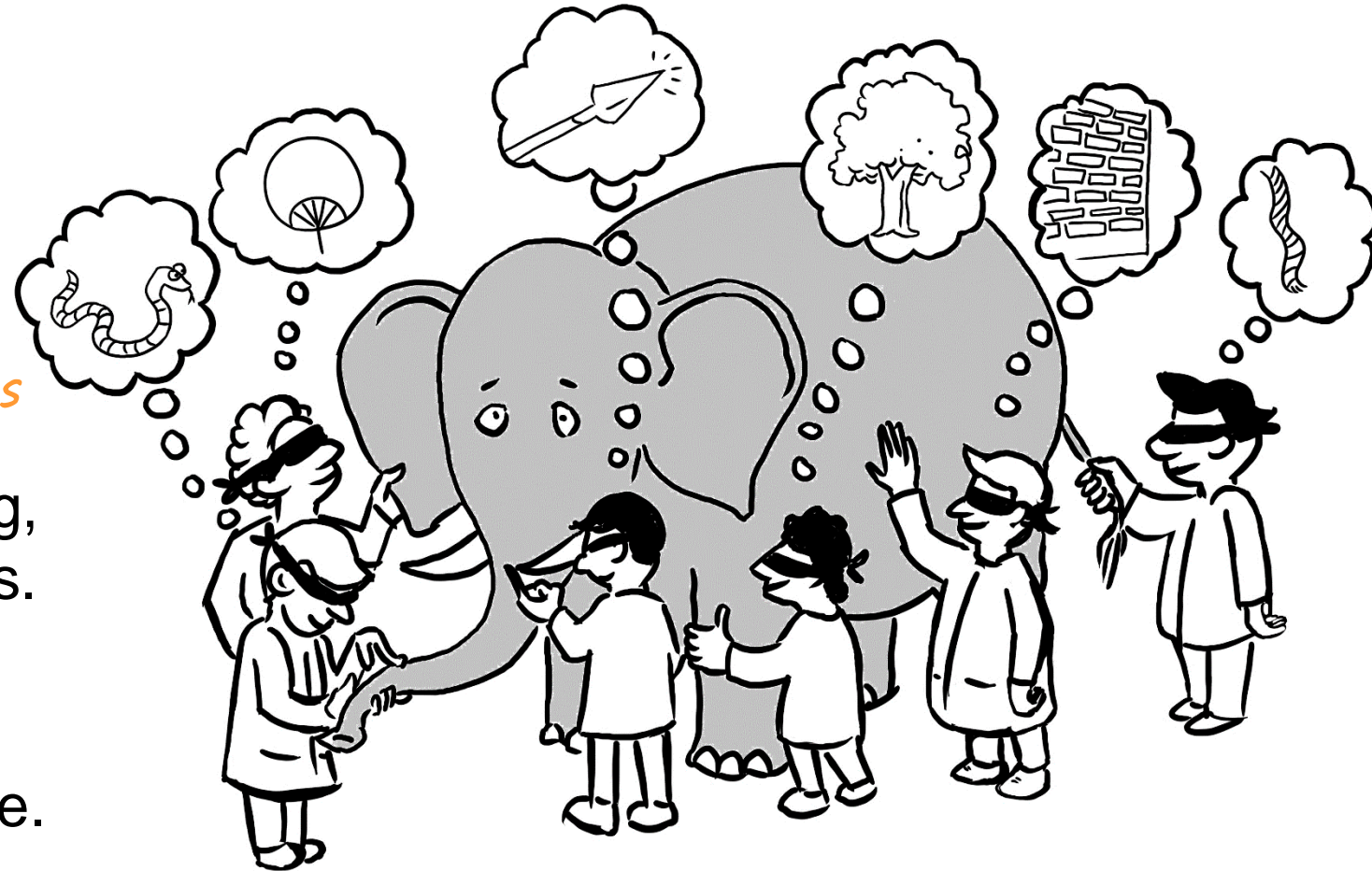
## Problem:

*with managers*  
^

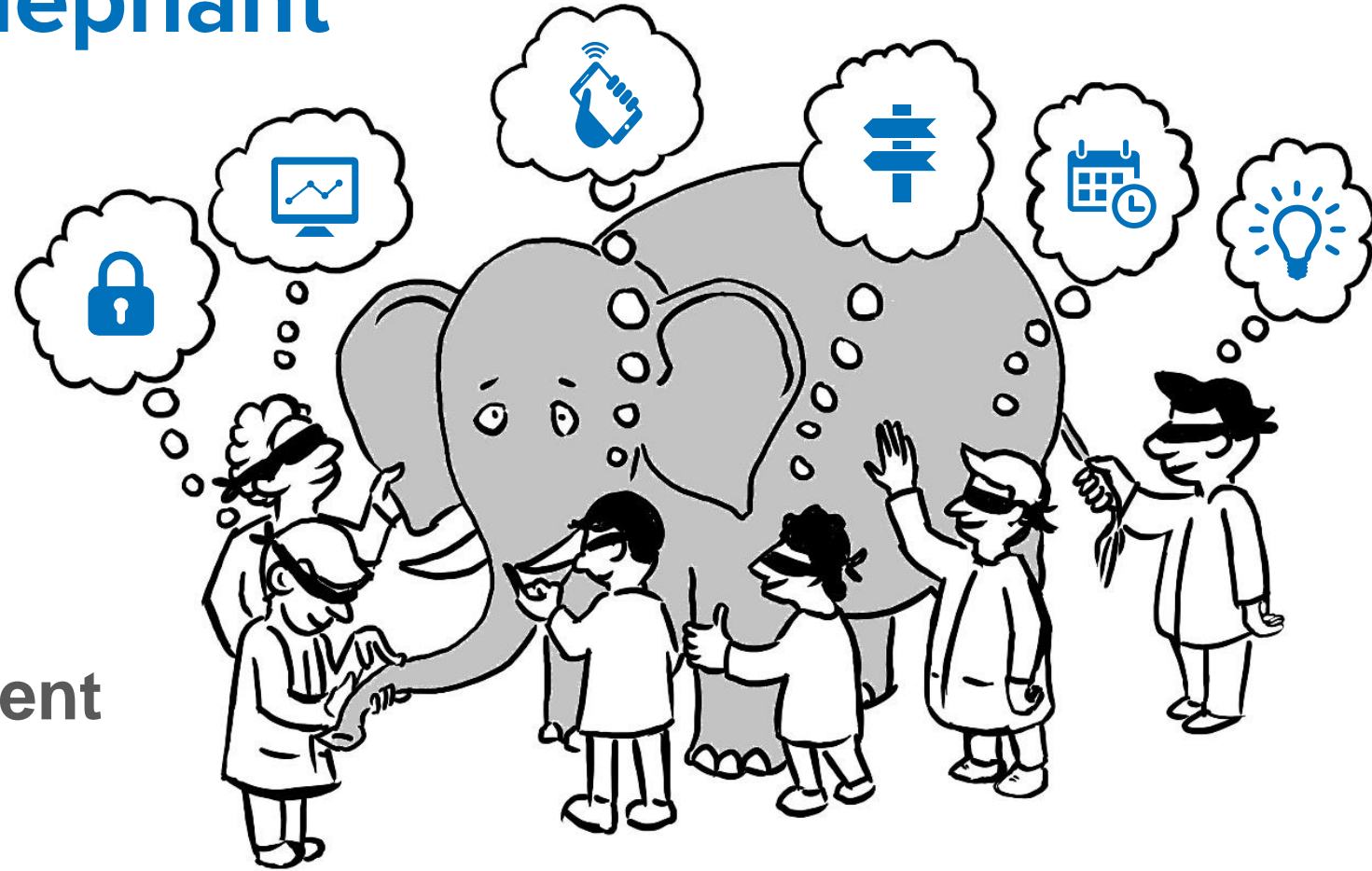
Hard to get a unified understanding, align priorities and share resources.

## Solution:

Honest assessment of current state.  
Shared agreement on focus areas.



# Gaps in 1 or more core areas are often linked to the elephant



## 360° Infrastructure Assessment

- Surfaces **gaps**
- Leads to a **roadmap**
- Provides a **common language** across groups



# 9 core areas support your data vision

Basic



Security



Data Capture



Data Access



Mobility



Context



Standardization

Average



Data Processing  
(Calculations)



Event  
Identification



Advanced  
Integration

Top Performers

# Determine where to focus for highest impact

*Target  
maturity*

*Current  
maturity*

Security



Capture



Access



Mobility



Context



Standards



Calcs



Events



Adv.  
Integration





Identify objectives

Stakeholder meeting

Roadmap planning

## Real-time decision support

- Security
- Accessibility
- Context
- Standardization

Target

Current





# Facilitate a 360° view with a maturity assessment

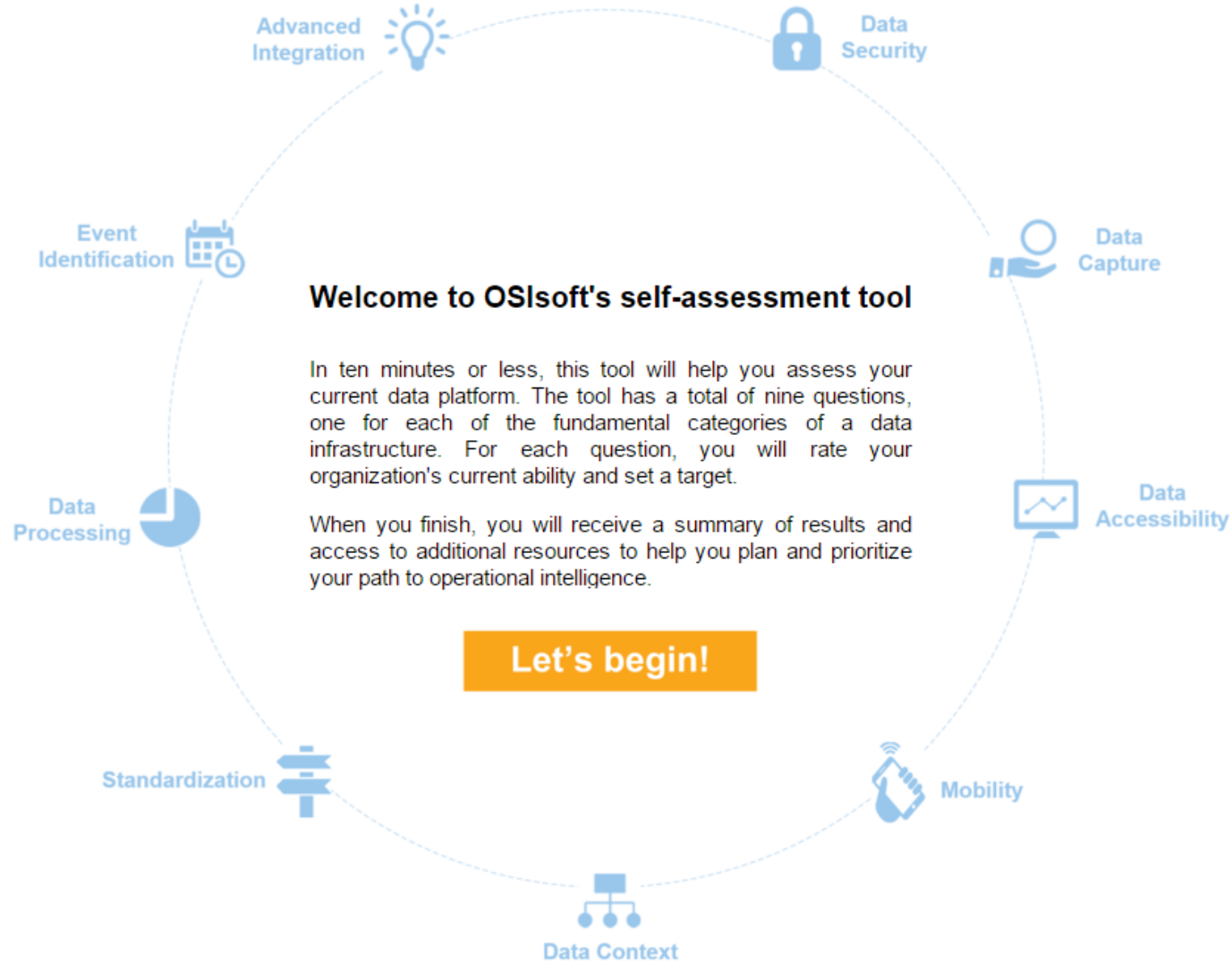


## Set your path to operational intelligence

OSIsoft can help with a facilitated workshop which uses a tool designed to help your organization compare your data platform to a mature data infrastructure; an infrastructure that supports not only today's data challenges and needs but also what the organization envisions for staying competitive in the future.

The workshops sets the ground for transforming your operations in your organization. Helping you to start planning and prioritizing your path to operational intelligence.

# Maturity Assessment on the Web!



<http://www.osisoft.com/corporate/maturity-model>

# Contact Information

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# Questions

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



State your **name & company**

# Please remember to...

Complete the Survey  
for this session

**OSIsoft. REGIONAL SEMINAR**  
Safeco Field – Seattle, WA – September 20, 2016

**Evaluation Form**

Name: \_\_\_\_\_ Company: \_\_\_\_\_  
Email: \_\_\_\_\_

**Quality of presentations**

	Poor	Good	Excellent	N/A
1. Digital Transformation with Today's PI System– OSIsoft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. PI Coresight 2016: New Vision, New Display Editor, New Look and Feel – OSIsoft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Monitoring Health and Performance of Grid-Scale Energy Storage Systems – UniEnergy Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Using PI Integrators to Improve the Value of your PI Data– OSIsoft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. PI Asset Framework Ties Together Enterprise OEE for Clearwater Paper – Clearwater Paper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Solving Business Initiatives with the PI System – OSIsoft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. PI Analytics and Coresight for Business Process Improvement – Avista	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Seeq helps customers get even more value from their OSIsoft PI System – Seeq Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. What's Really Going on with your Beer's Fermentation? – Deschutes Brewery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Quality of seminar**

	Poor	Good	Excellent	N/A
1. Presentation topics meeting your needs or interests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Time allowed for lunch/breaks/discussions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Pace and time allocated to the presentations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Thank You



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