Implementing Plant Information Management Systems (PIMS)

Strategies For Success

Presented by **OSIsoft**

Stone Technologies, Inc.
Systems Integrator

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Agenda

A discussion on why PIMS/MES projects fail, followed by the presentation of an alternative approach to implementation that should, if properly engaged, eradicate the two largest causes of failure.

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" I have not failed. I've found 10,000 ways that won't work."

Thomas Edison

A DISCUSSION ON FAILURE

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In our Experience…

200+ MES implementations in the last 10 years.

(we've learned a few things)

We think that it really boils down to these two things:

1. Infrastructure / Architecture
2. Requirements Definition

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Lack of Support

Lack of Real Funding

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Lack of Departmental Cohesiveness

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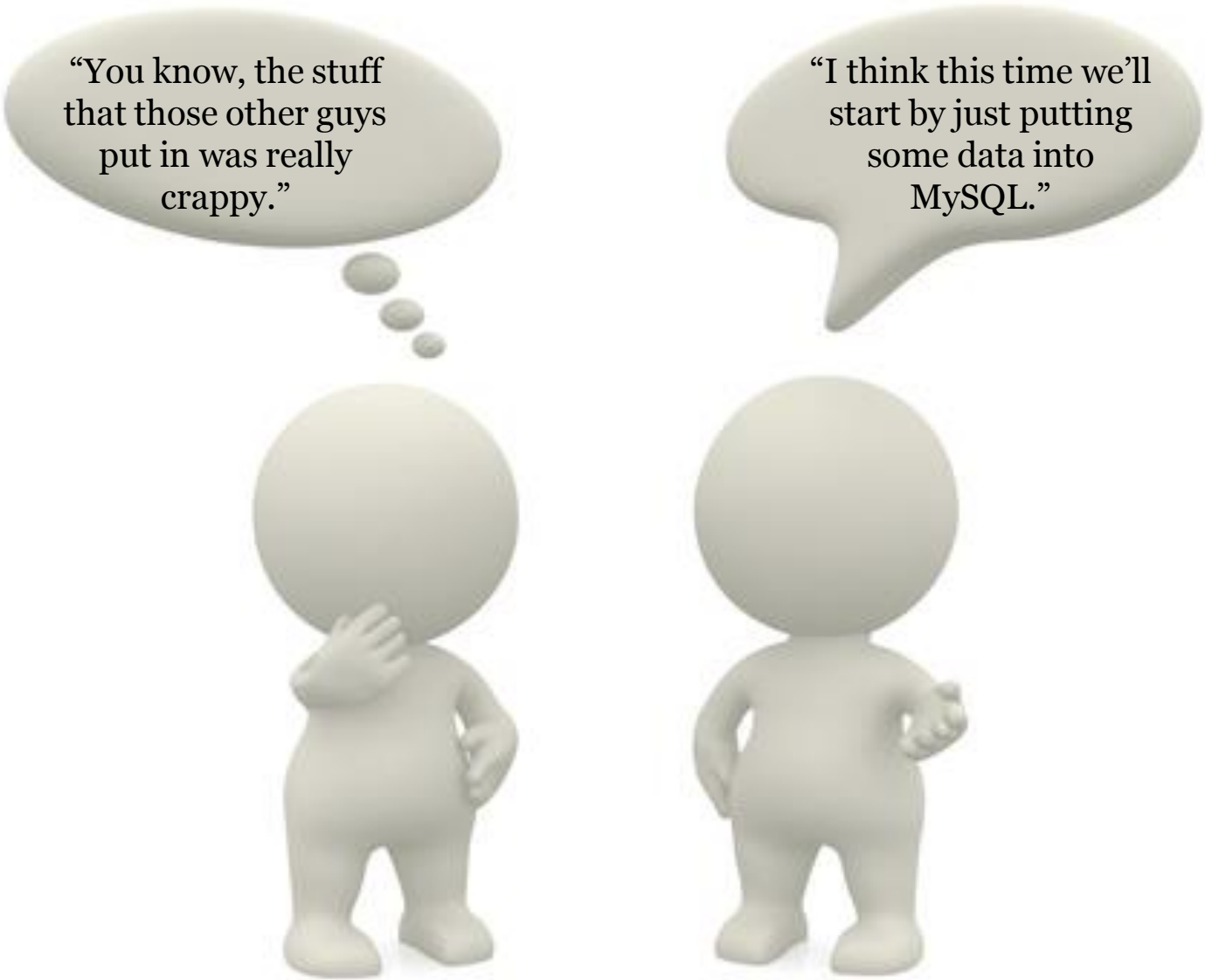
Inability to Learn from Past Mistakes



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"The significant problems that we face cannot be solved at the same level of thinking we were at when we created them."

Albert Einstein

PIMS AND MES – MAKING THE CASE FOR INFRASTRUCTURE

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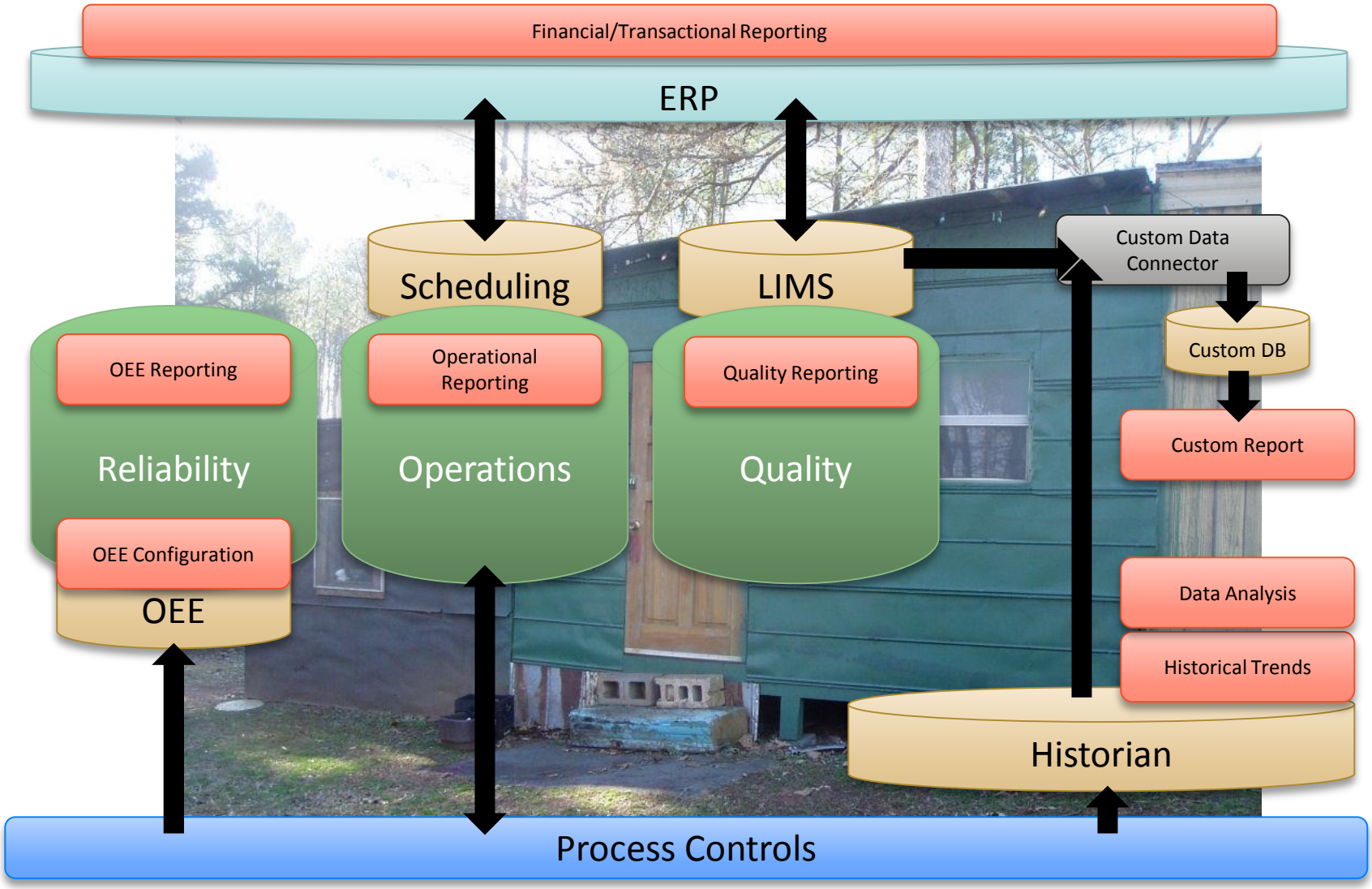
The Progression of Manufacturing Software - Historically



MANUFACTURING SOFTWARE

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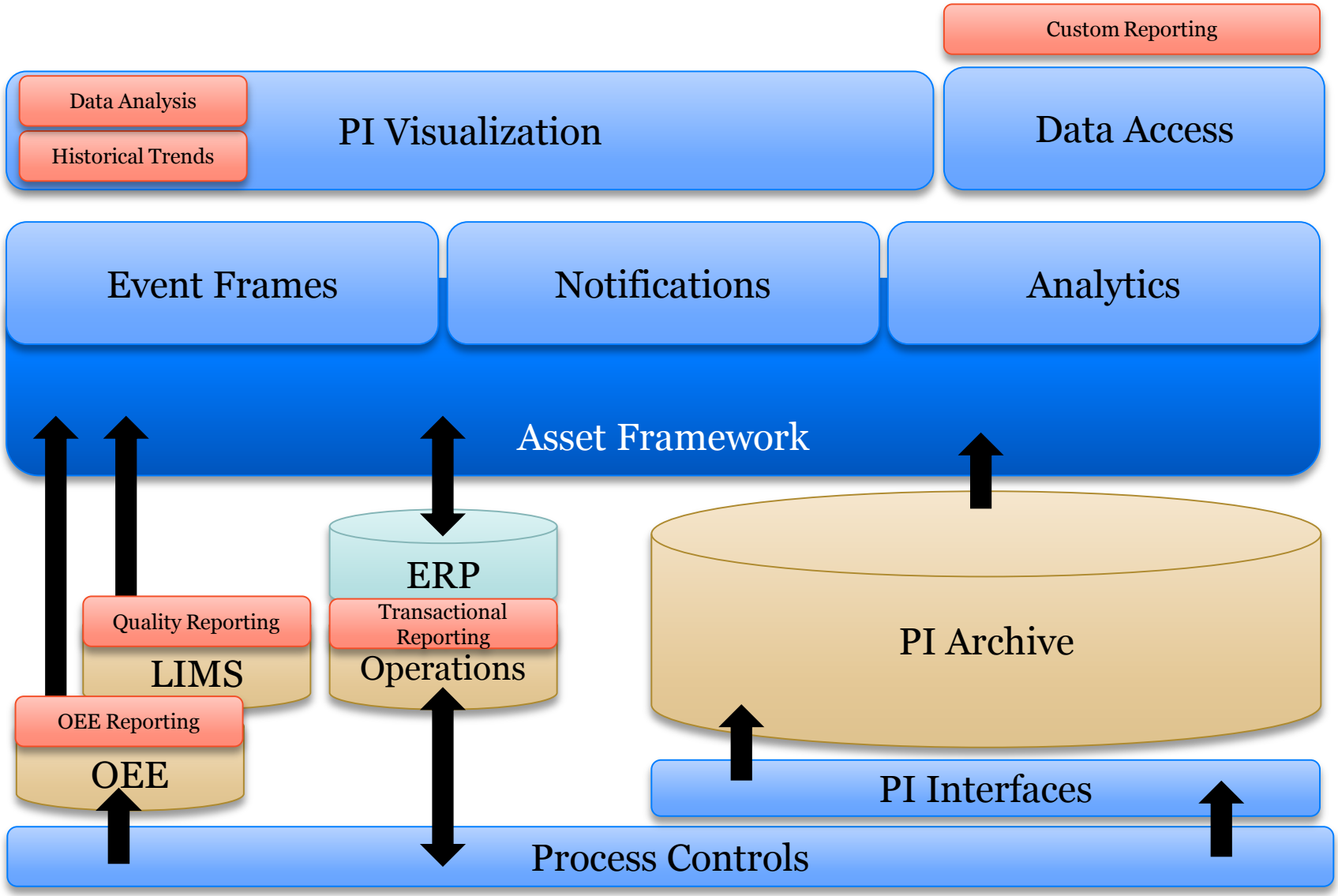
Building From a Solid Base – PI System Infrastructure



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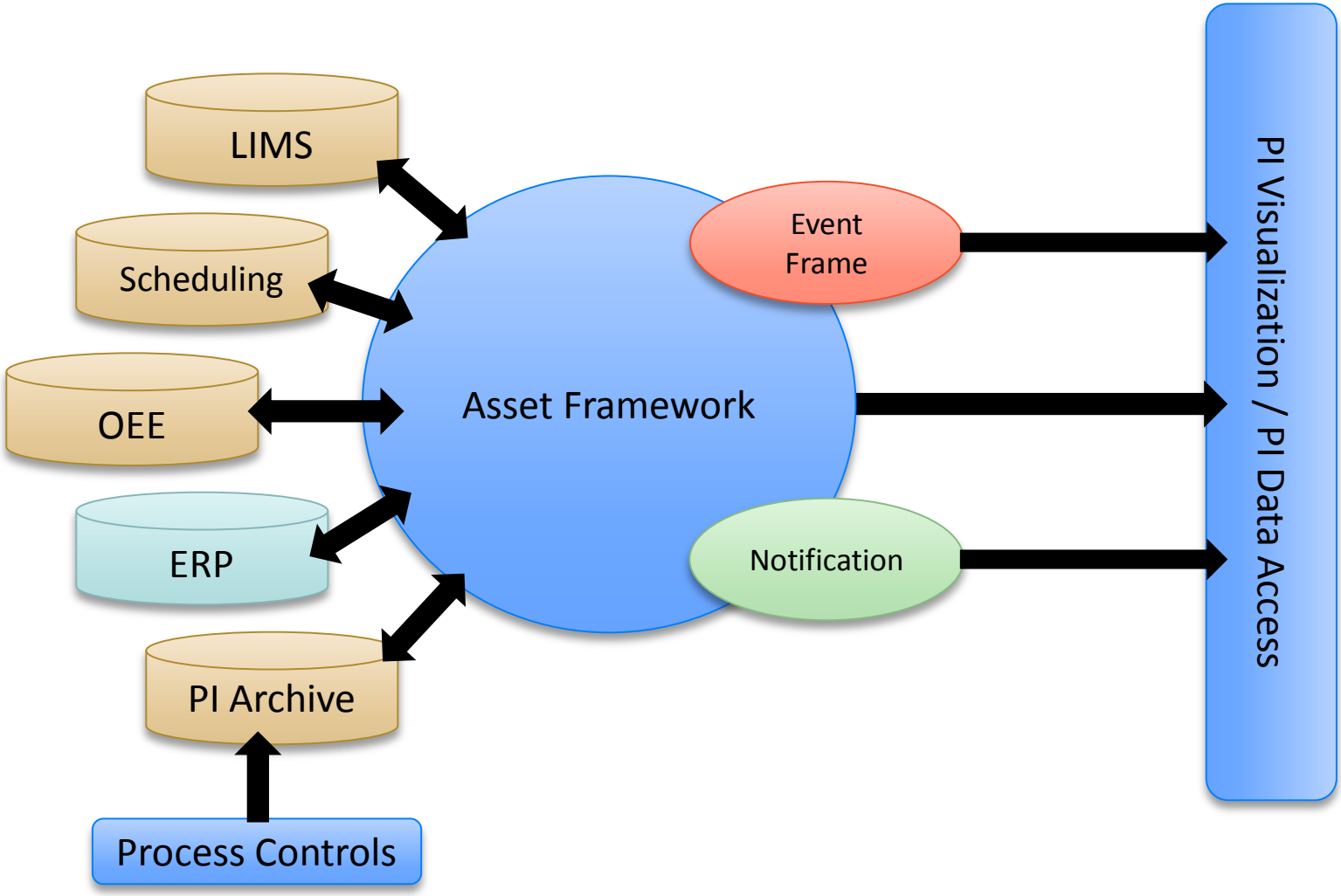
Asset Framework as the Centerpiece of PIMS



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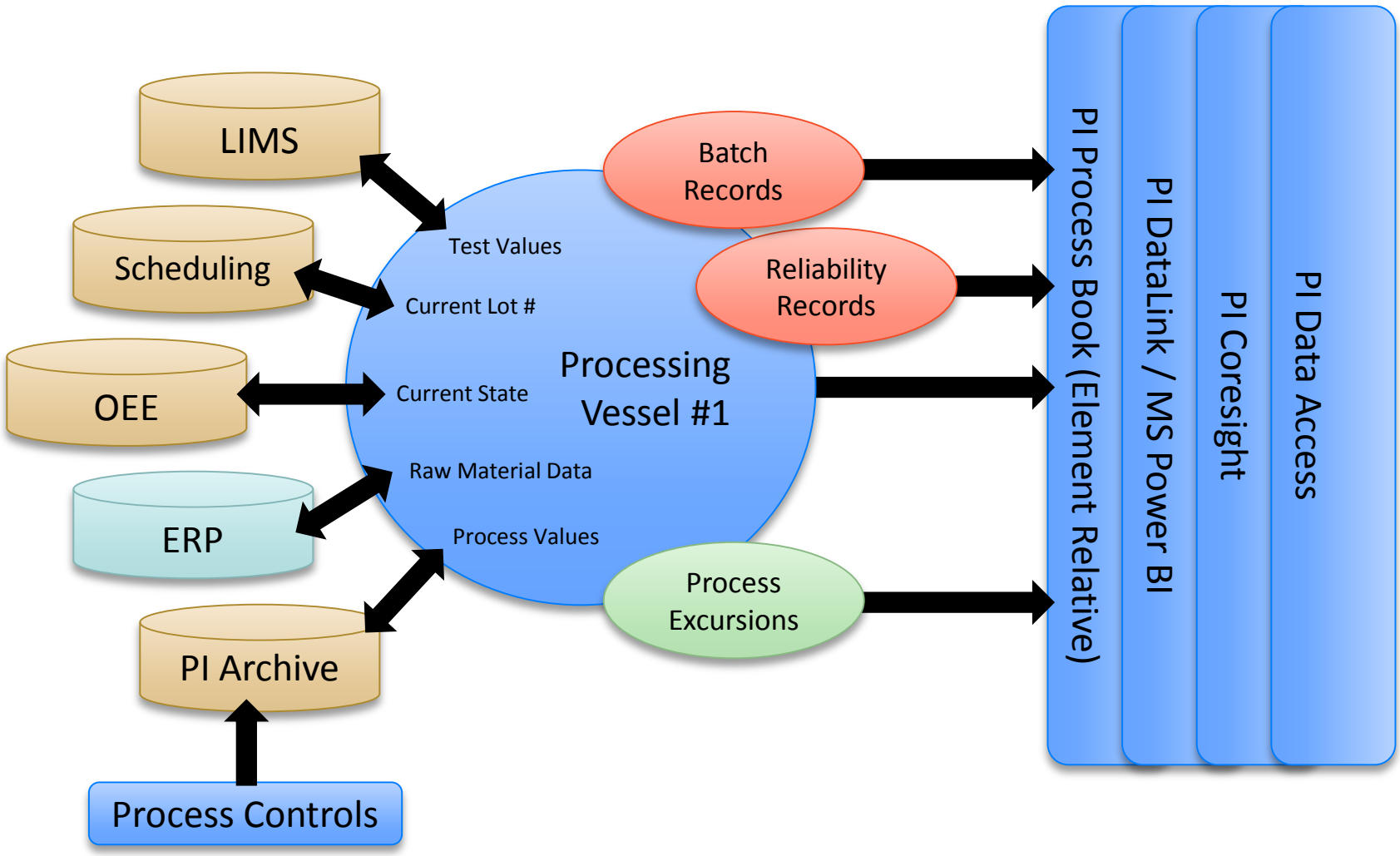
Asset Anatomy



ASSET-BASED PIMS

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" You got to be careful if you don't know where you're going because you might not get there.

'Yogi' Berra

A REQUIREMENT IS A REQUIREMENT. RIGHT?

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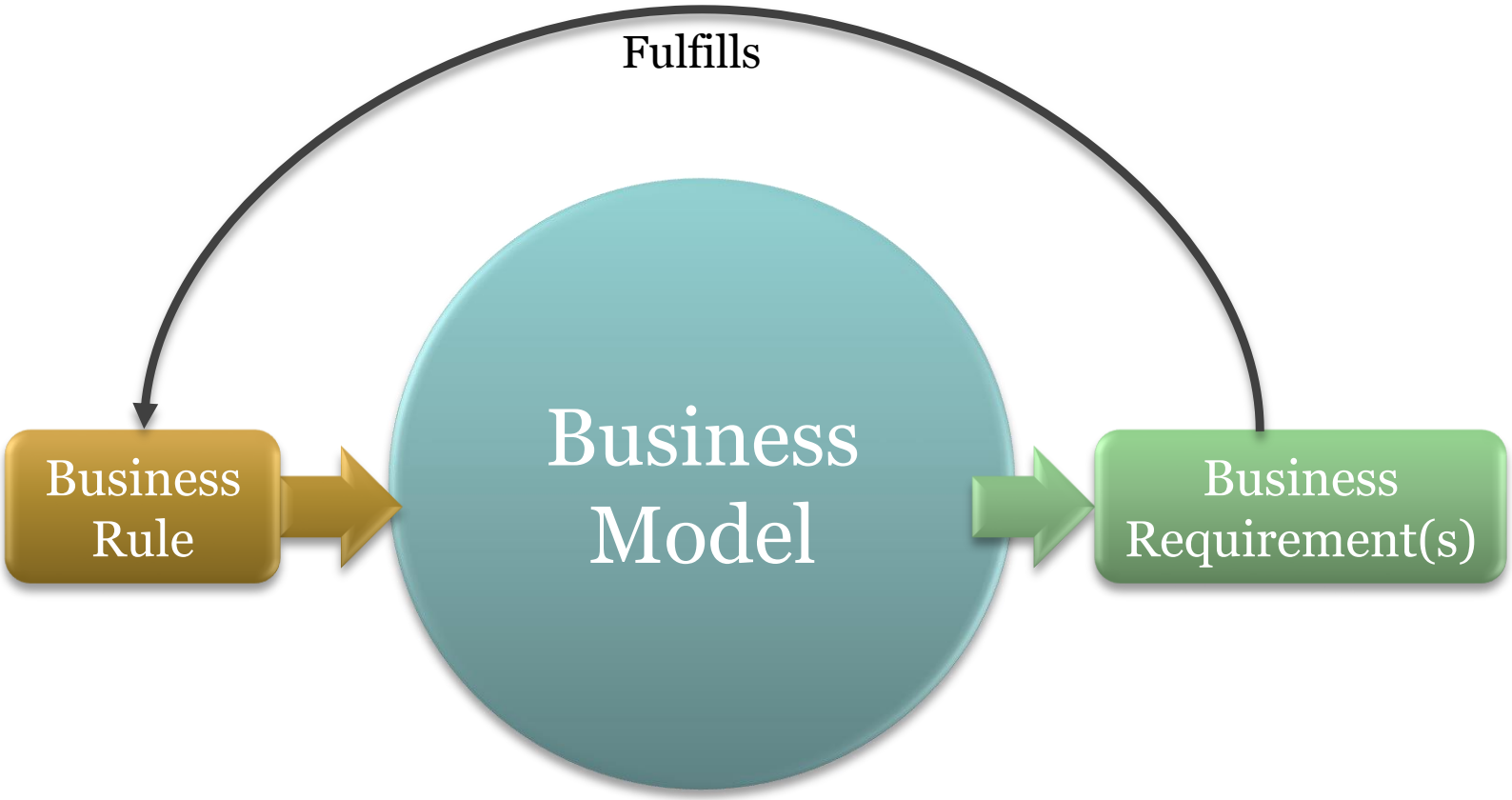
The Business Model



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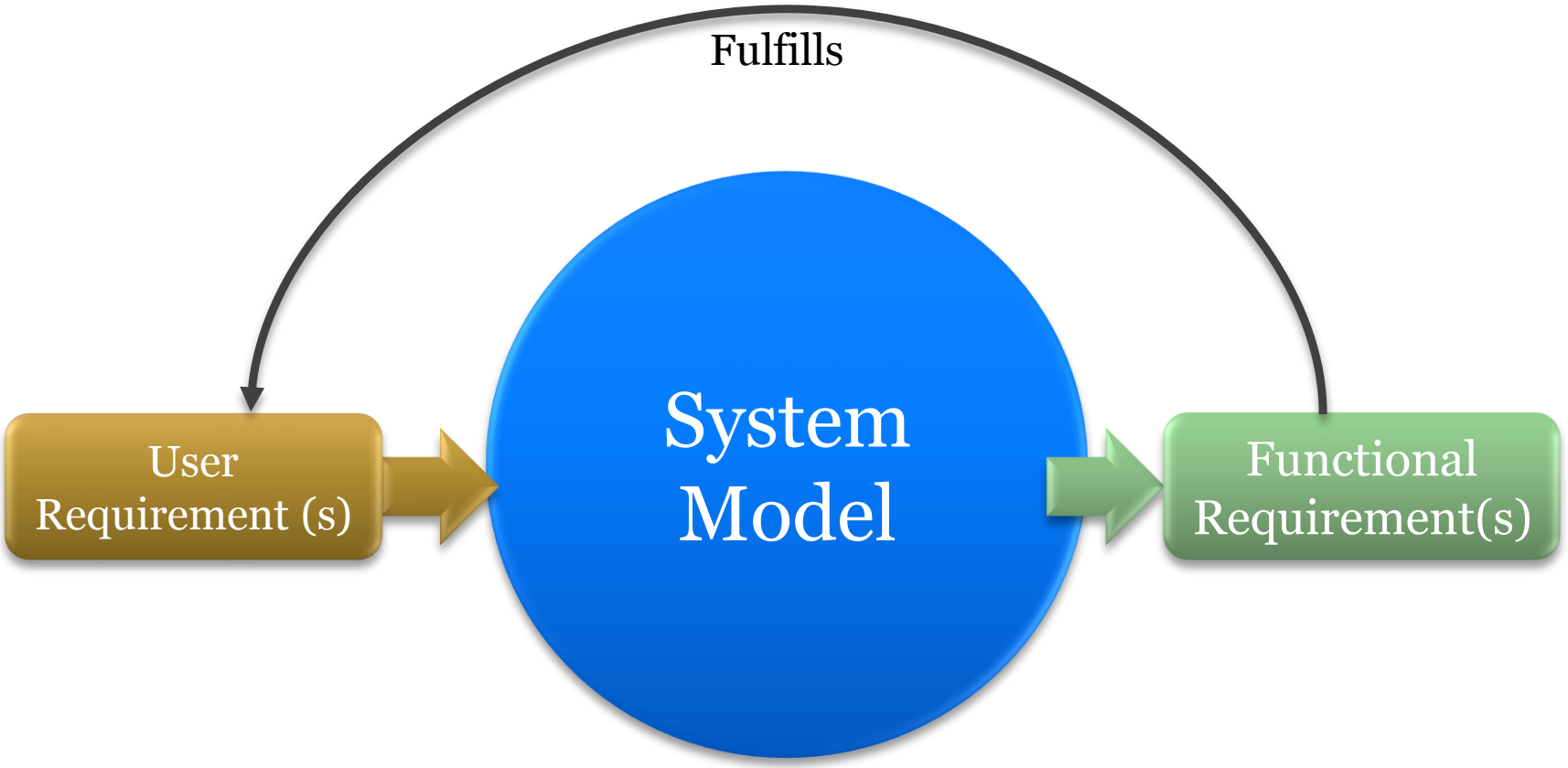
The System Model



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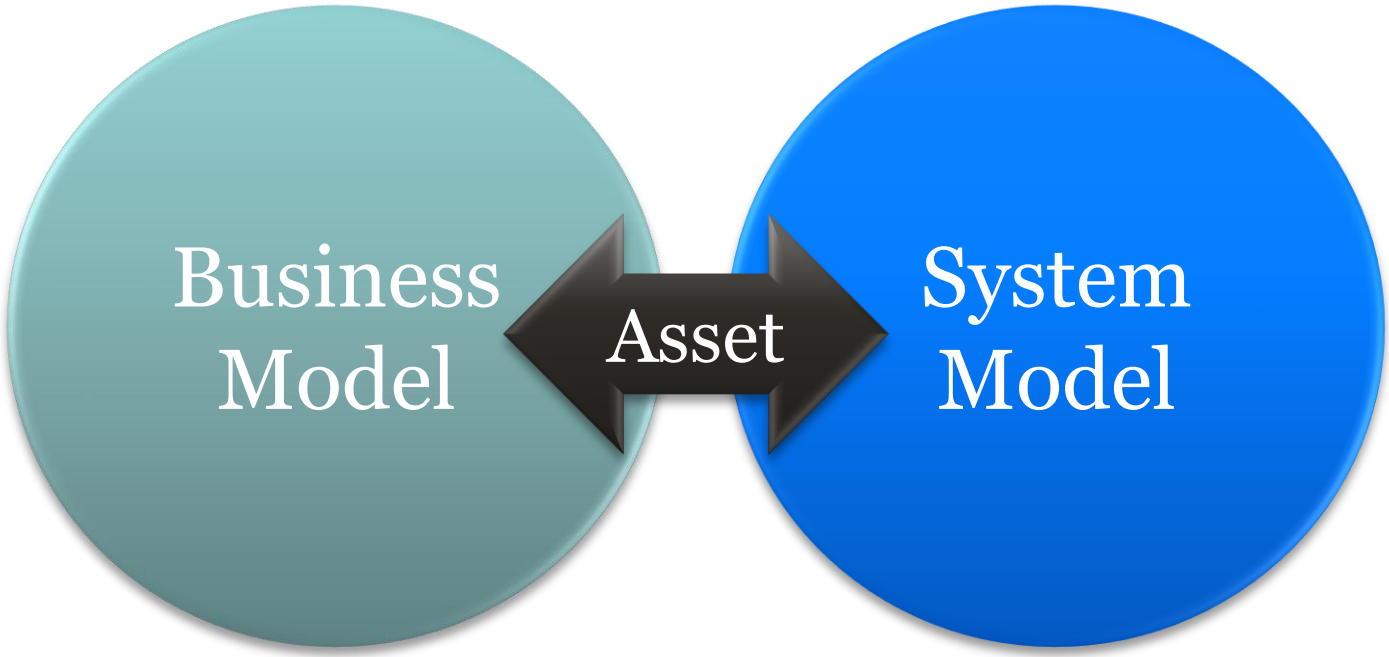
The Language Barrier



" Obstacles are those frightful things that you see when you take your eye off of the goal."

Henry Ford

SETTING THE STAGE FOR SUCCESS – TOP DOWN DESIGN

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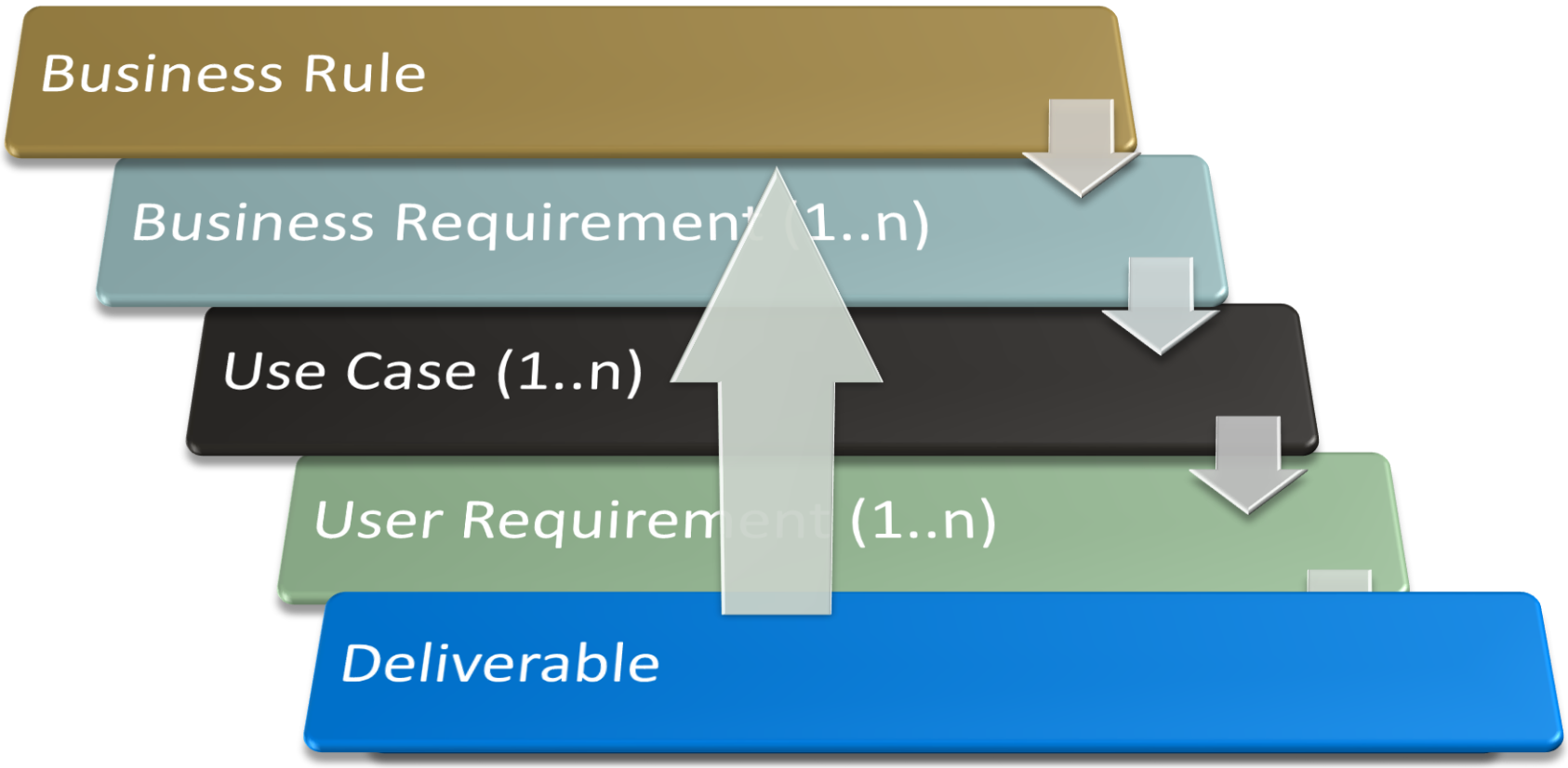
Fulfillment of the Business Rule



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"Each problem that I solved became a rule which served afterward to solve other problems."

Rene Descartes

BUILDING ON SUCCESS: ITERATIVE DEVELOPMENT

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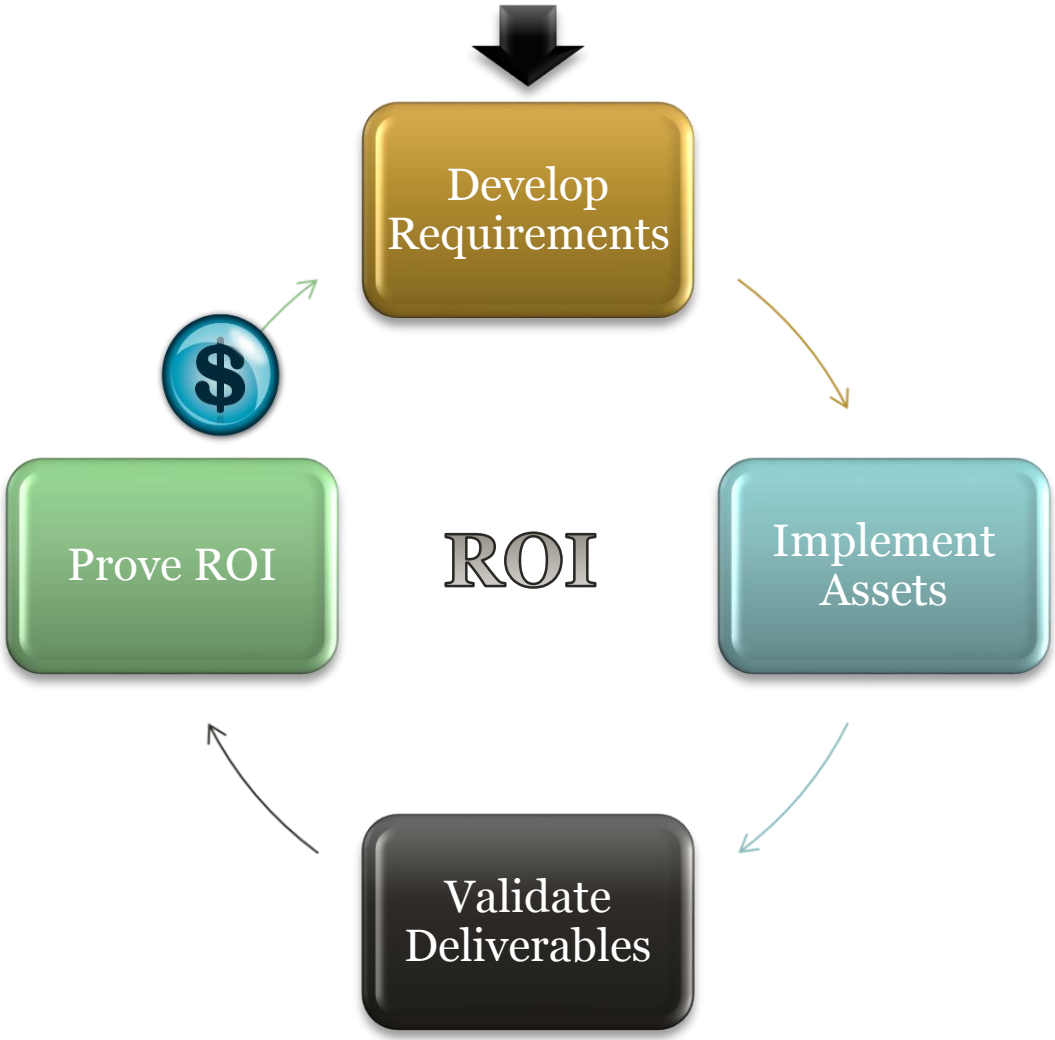
Cyclic, ROI-driven Development of PIMS

Prioritized List by Projected Return On Investment



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Kirt Anderson

- kanderson@stonetek.com
- Sr. MES Project Manager
- Stone Technologies, Inc.

CONTACT INFORMATION

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THANK YOU

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Agenda	
07:30 - 08:30 a.m.	Registration and Continental Breakfast
08:30 – 09:00 a.m.	**Welcome: Industry Trends & Manufacturing Operational Excellence - OSIsoft** Jason Kurdziel, Account Manager
09:00 - 09:30 a.m.	**The Journey to Real Time Operational Intelligence - OSIsoft** Marc Gallant, Regional Manager
09:30 - 10:15 a.m.	**Journey to Asset-Based Data – The Kellogg Story** John Gothberg, IT & Control Systems Manager
10:15 - 10:30 a.m.	Break / Demo Pods
10:30 - 11:15 a.m.	**Integrating your Plant Information Management System: Strategies for Success** Kirt Anderson, Senior MES Project Manager – Stone Technologies
11:15 - 12:00 p.m.	**Rapid Insights with Data Analytics - Tate & Lyle** Mark Massey, Process Control Software Manager: Global Manufacturing
12:00 - 01:30 p.m.	Lunch / Demo Prods
01:30 – 02:15 p.m.	**Analyzing Location for the Most Profitable Supply Chain – Esri** Ryan Schacht, Account Executive
02:15 – 03:00 p.m.	**Chocolate PI - The Hershey Company** Russell Gregg, Sr. Project Manager: IS Global Supply Chain/Manufacturing Systems
03:00 – 03:45 p.m.	**Evolution of OSIsoft PI to an Enterprise Agreement - Abbott Nutrition** Rich Colvin, Area IT Manager: ANSC Asia & Ireland
03:45 - 04:15 p.m.	**Roundtable Review**
04:15 - 04:30 p.m.	Wrap-up/Seminar Conclusion – Jason Kurdziel, Account Manager, OSIsoft
04:30 - 06:00 p.m.	Networking Reception / Demo Pods

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