

Unlocking Business Potential: Transforming Technology, Governance, and Data in the Digital Era

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GLOBAL PRODUCT DATA INTEROPERABILITY SUMMIT 2023



Title:
"Unlocking Business Potential: Transforming Technology, Governance, and Data in the Digital Era"

Abstract:

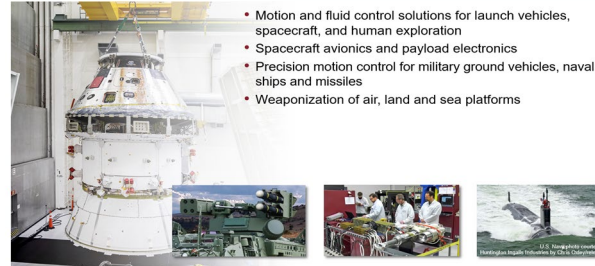
Focusing on three key aspects, **Technology**, **Governance**, and **Data**. Paul & Max will discuss optimizing Technology systems and applications for seamless data flow, Governance, and the transformation of business models and corporate organizations to support and scale agile digital thread platforms and the development of a structured framework for authoring and communicating model-based data across the ecosystem.

About Moog Inc.

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Space and Defense Group



- Motion and fluid control solutions for launch vehicles, spacecraft, and human exploration
- Spacecraft avionics and payload electronics
- Precision motion control for military ground vehicles, naval ships and missiles
- Weaponization of air, land and sea platforms

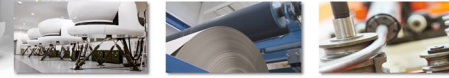


MOOG

Industrial Group



- Products, solutions and services to solve precision control challenges in applications such as:
- Industrial automation machinery
 - Energy, oil and gas
 - Test and simulation
 - Mobile
 - Medical
 - Marine
 - Technology focused sports
 - Autonomous robotics



MOOG

Aircraft Group



- Integrated flight control systems
- Critical control applications and products
- Platform integration
- Manufacturing
- Aftermarket services
- Avionics



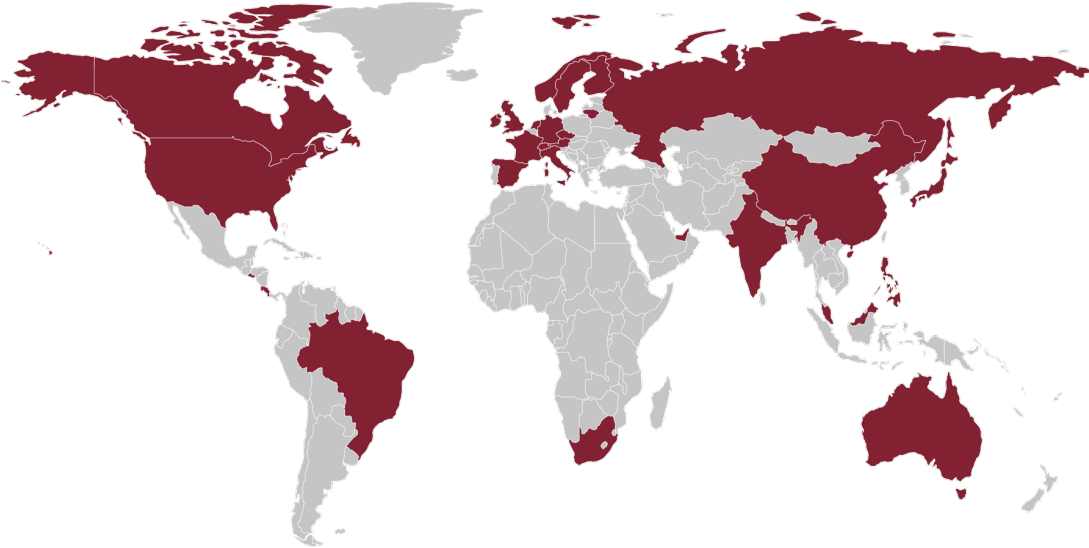
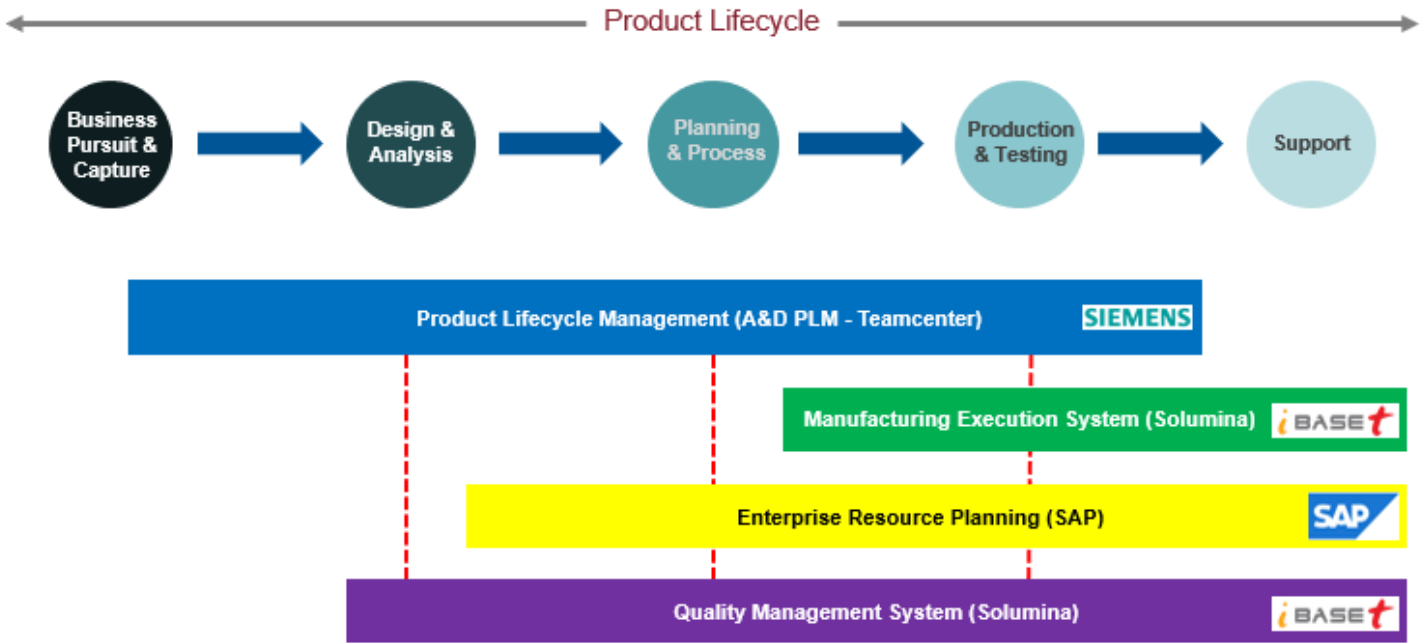
MOOG

Moog Locations History:

- Grew by acquisition
- Sites operate as individual businesses
- Many discrete systems, and industries
- Many products, requirements, and markets
 - Space
 - Commercial & Military Aerospace
 - Medical Devices
 - Industrial Products

Moog's Digital Foundation

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A Platform for Growth

Moog's Digital Transformation

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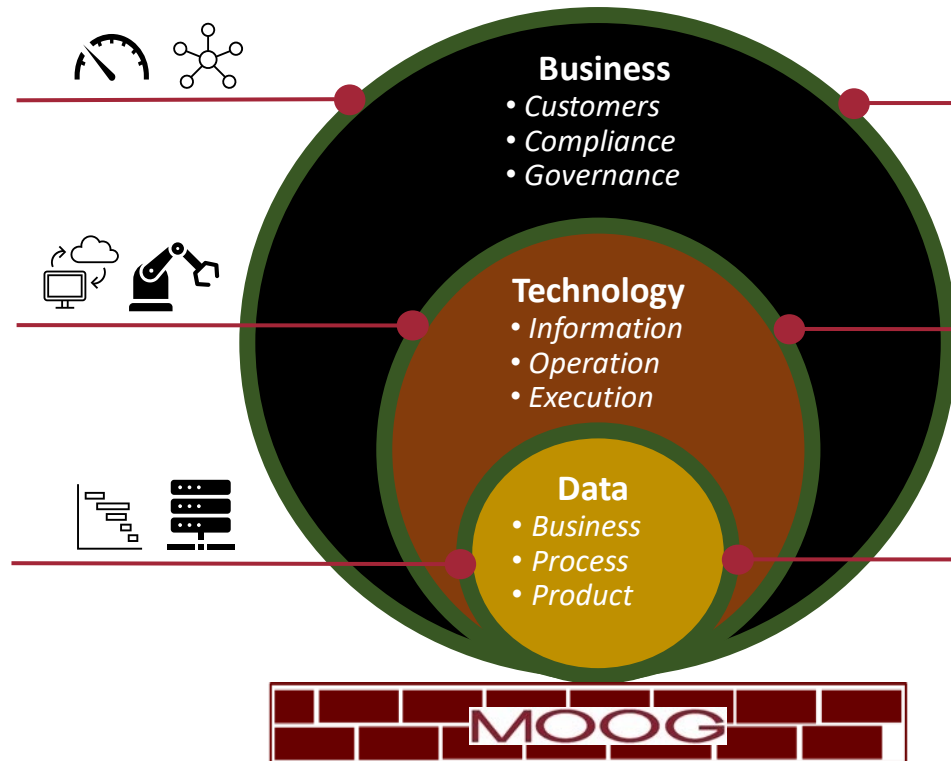
Description

- Why and how we do what we do
- How we make our decision

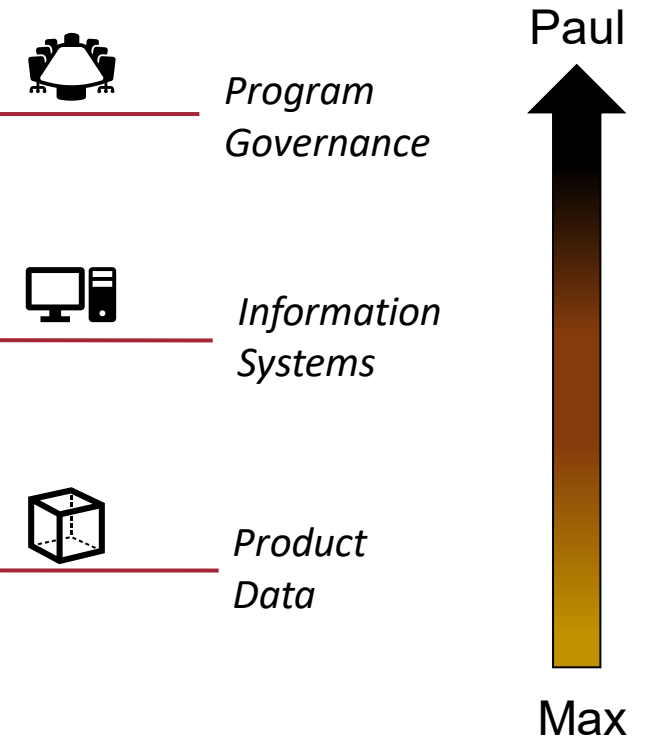
- Infrastructure and applications
- Physical assets and technology

- To run our business
- To deliver our products & services

Key Elements



Today's Focus

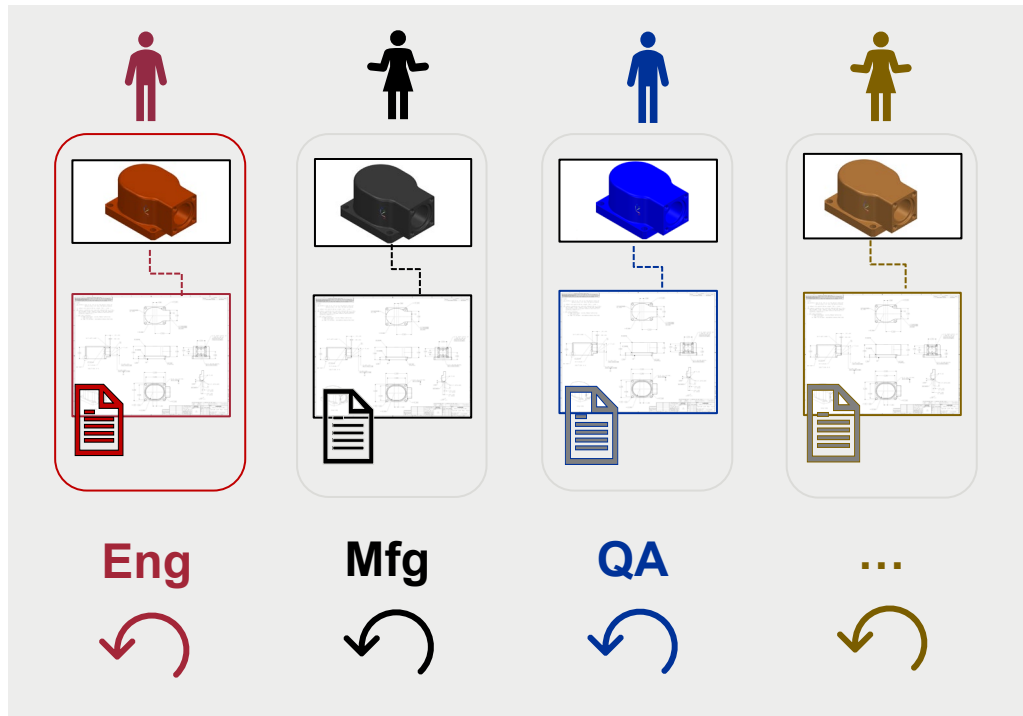


Product Data

Enable real time collaboration with “rich 3D context”

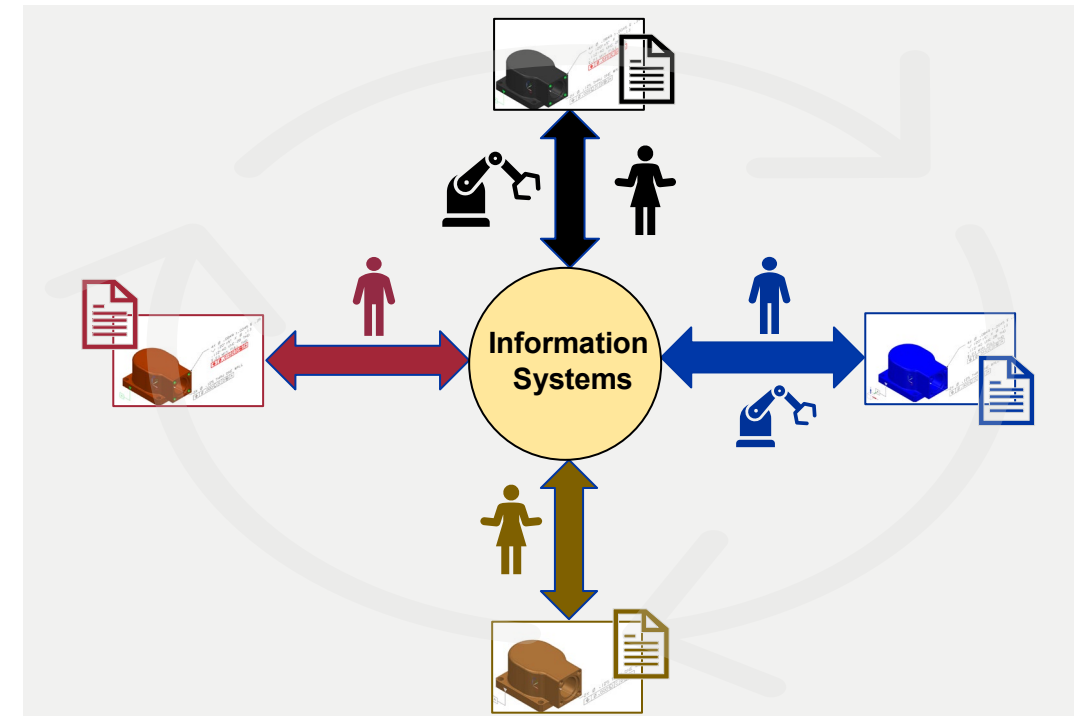
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From



The same data is re-authored multiple times

To



The data is authored once and re-used

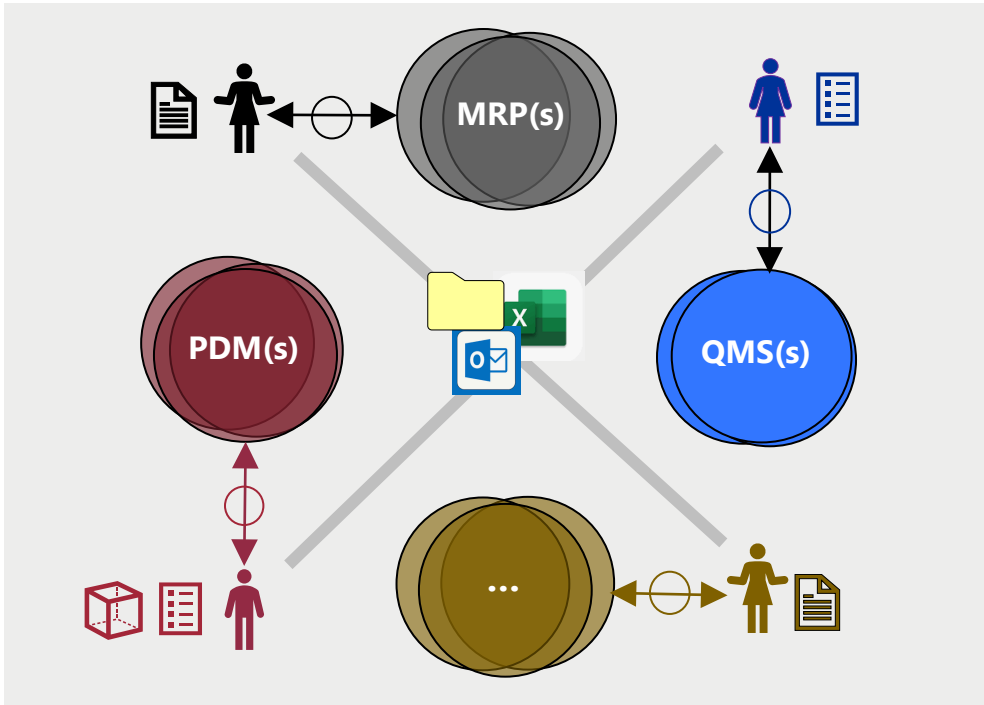
Embrace Model Based Definition

Information Systems

Make it easy for people to access the data they need to do their work

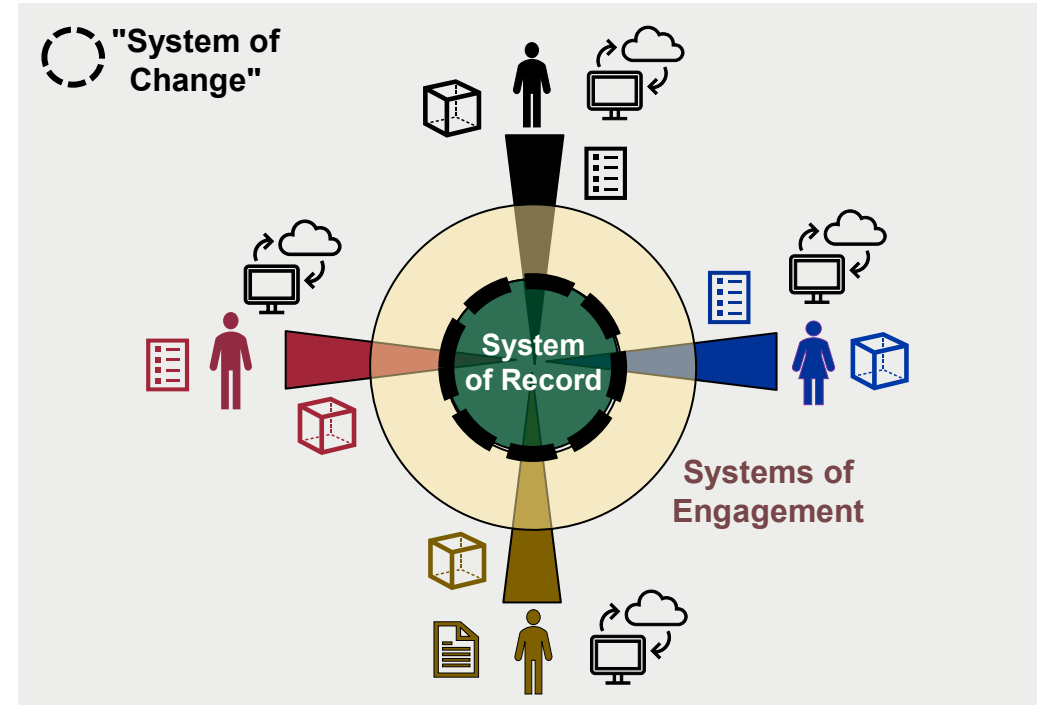
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From



People do the integration and validation

To



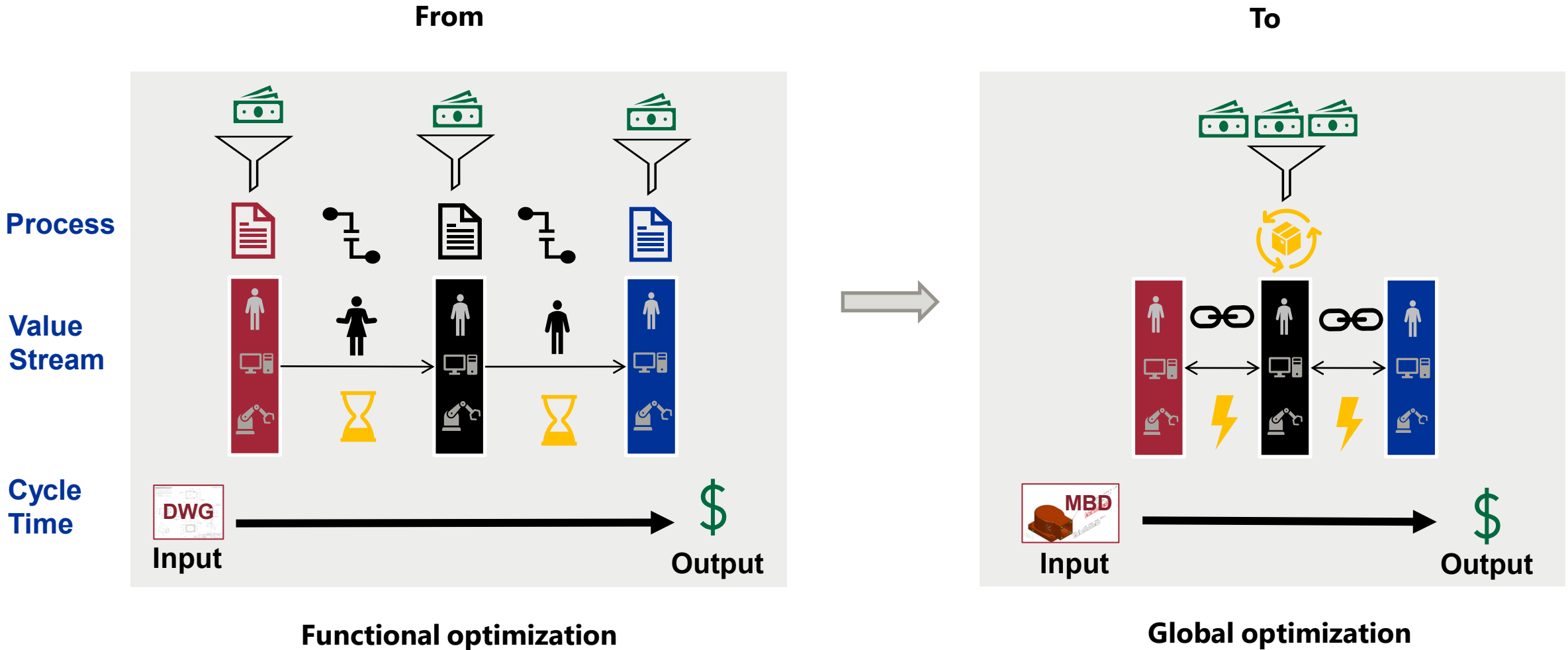
Systems to the integration and validation

Make CM a core IT strategic initiative

Delivery Systems

Move towards a more wholistic approach to process development

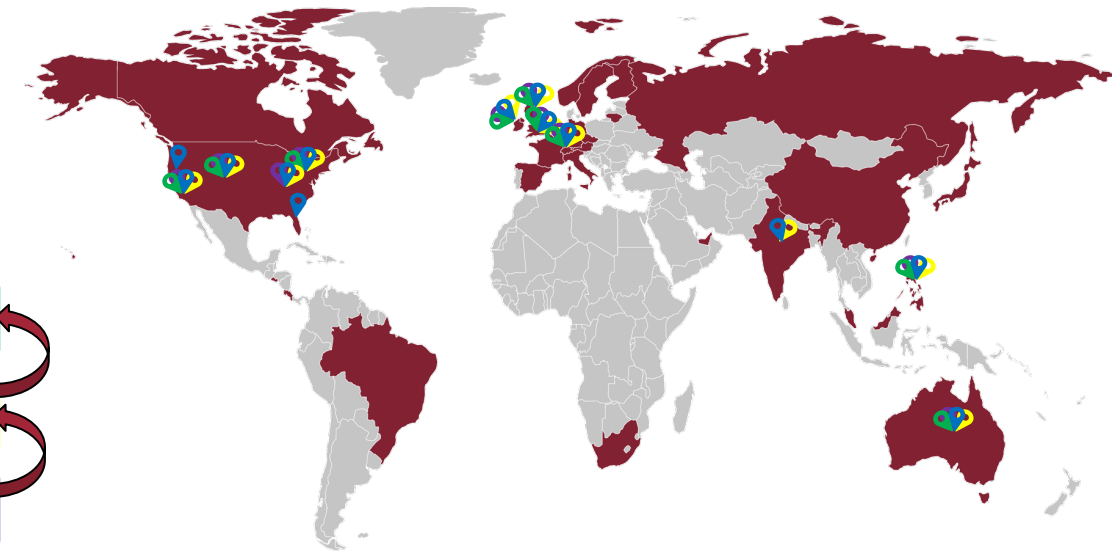
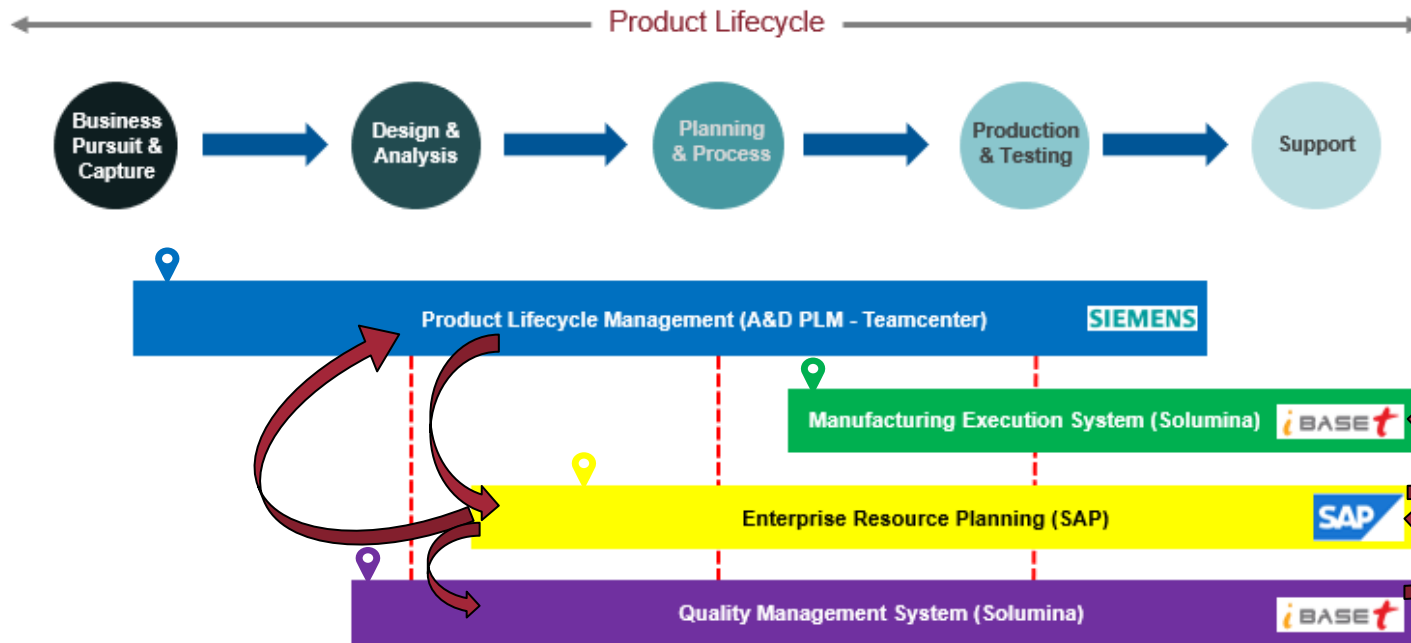
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Focus on “hand-offs“ to reap maximum benefits

Platform Challenges

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- How prioritize across programs?

- How maximize enterprise value delivery?

Programs can no longer operate in silos

Challenges with the traditional paradigm

Traditional Silo Approach to Budgeting | Allocated Spend to Programs / Portfolios



PLM

MES

ERP

QMS

ROI Reported Up

ROI Reported Up

ROI Reported Up

ROI Reported Up

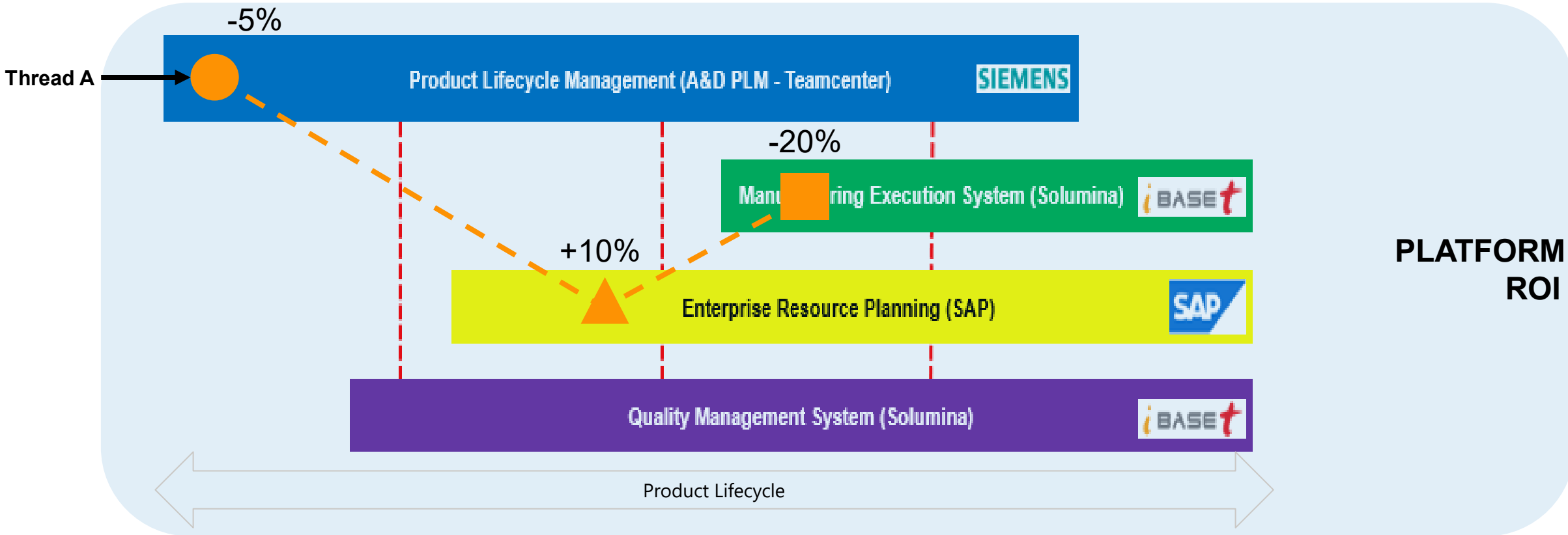


Silos prioritize program success over platform success

Measure ROI at the Platform Level

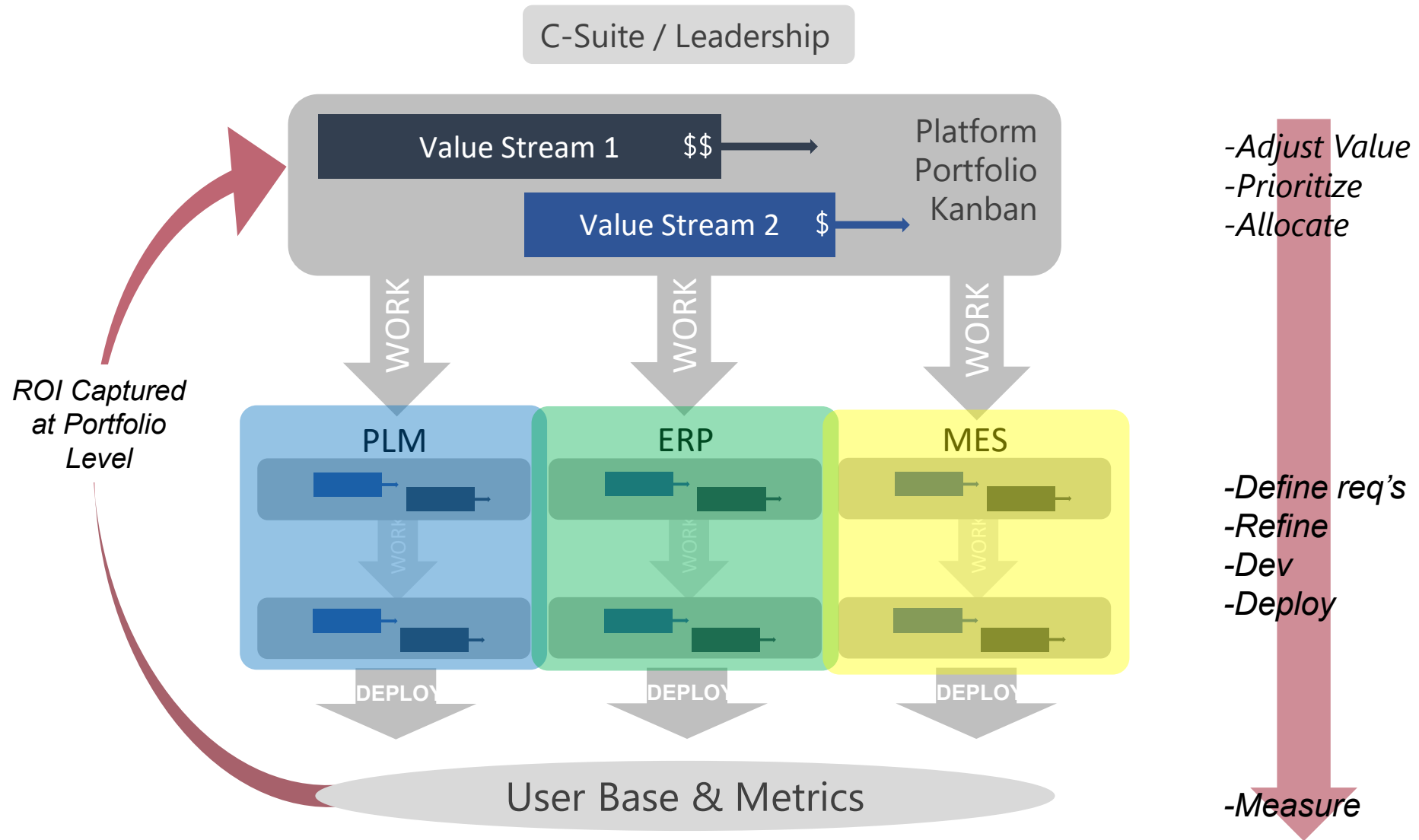
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Thread A: Net Improvement of 15%



Baseline and track your threads end-to-end

Value Stream Focus

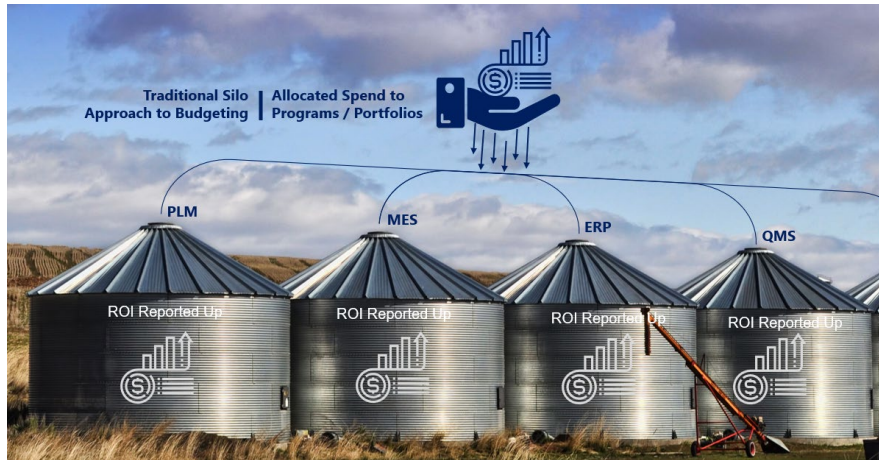


Connected data | Connected processes | Connected ROI

A New Way Of Working

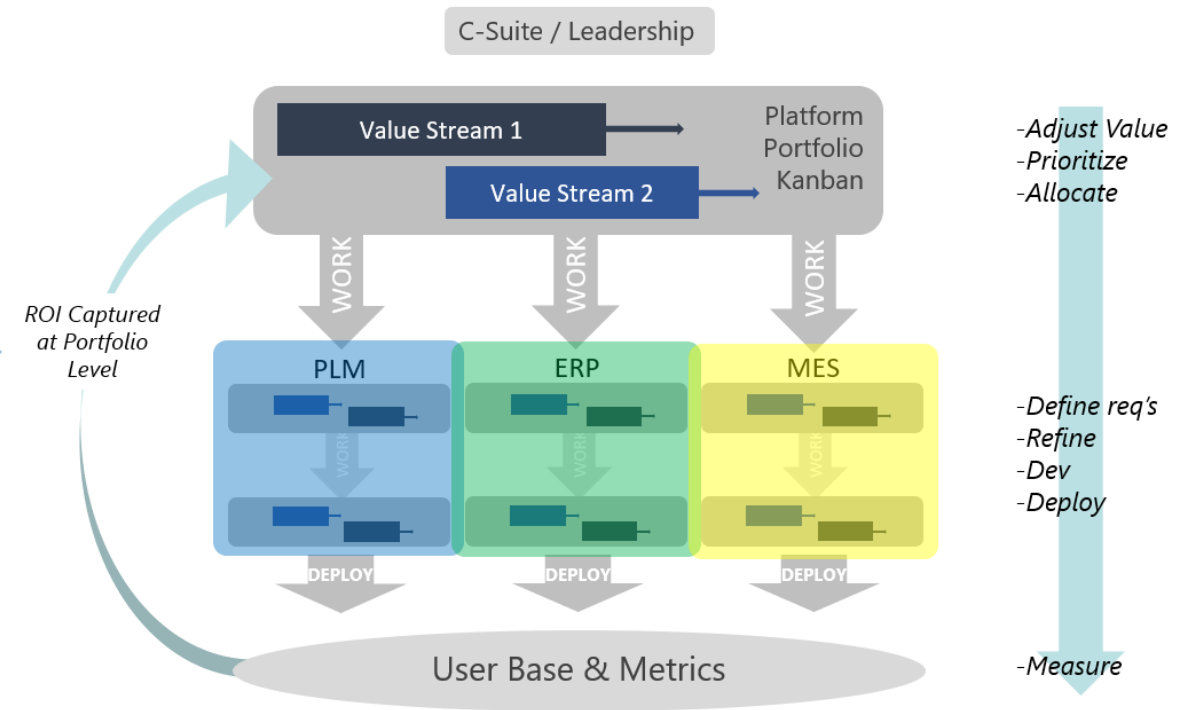
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Platform Risk



Transition

Platform Agility



Prioritize value over programs

Let's Connect!

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