Foundations for a Successful Project Controls System

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Joe Campbell

Director of Sales Consulting – JAPAC

Principal Primavera Sales Consultant

Implementation Consultant

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Agenda

- Introduction
- Project Controls - Defined
- The Challenges
- How do we address them ?
- EcoSys EPC
- Questions

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What is Project Controls

Project controls are the data gathering, management and analytical processes used to predict, understand and constructively influence the time and cost outcomes of a project

From www.projectcontrolsonline.com

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Objective of Project Controls

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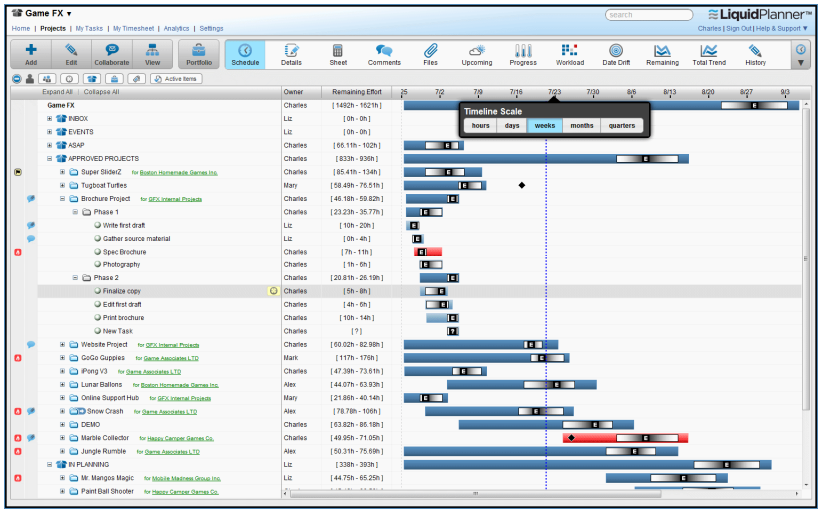
Objective of Project Controls



SCOPE

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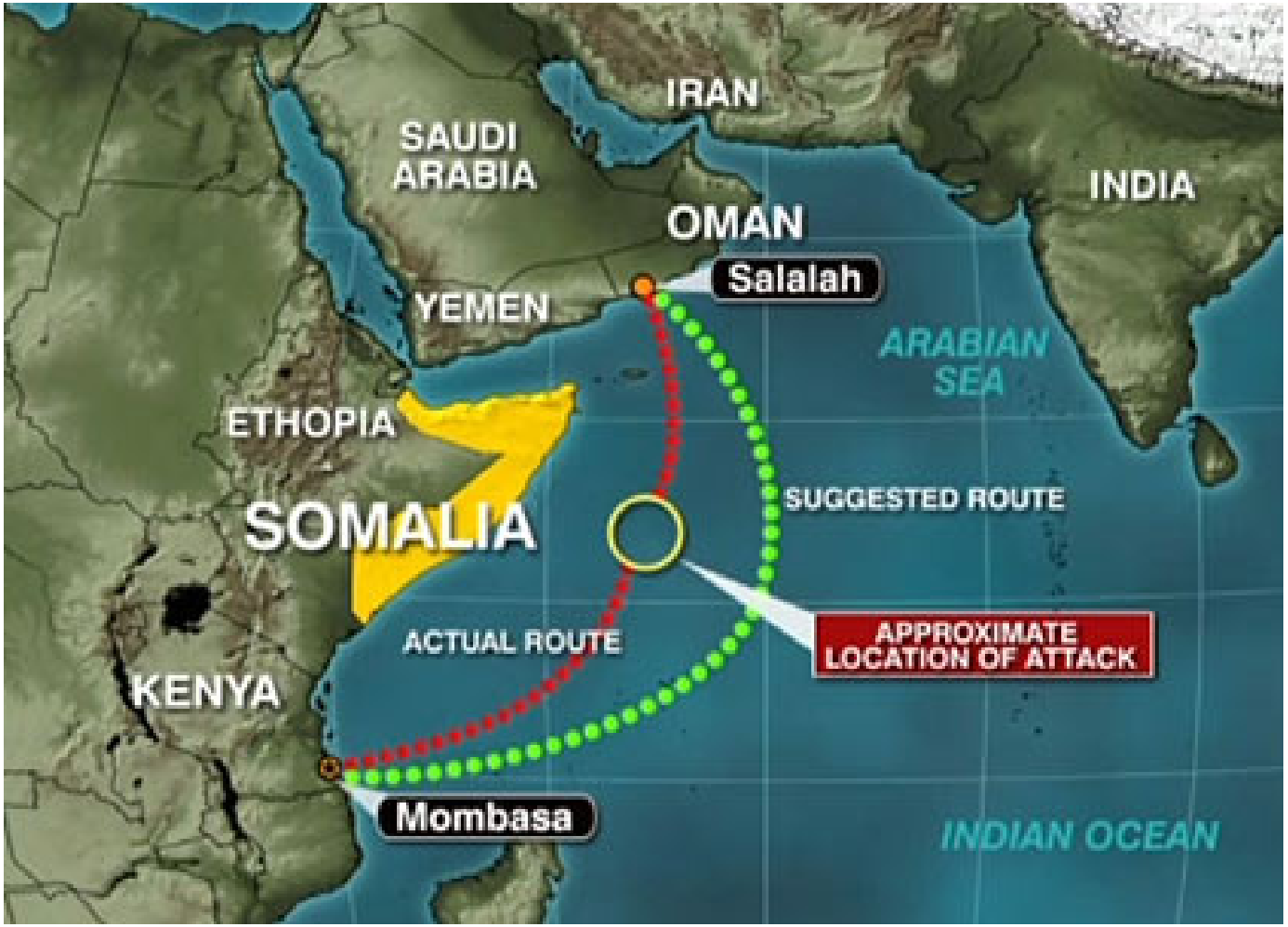
Things Don't always go to plan



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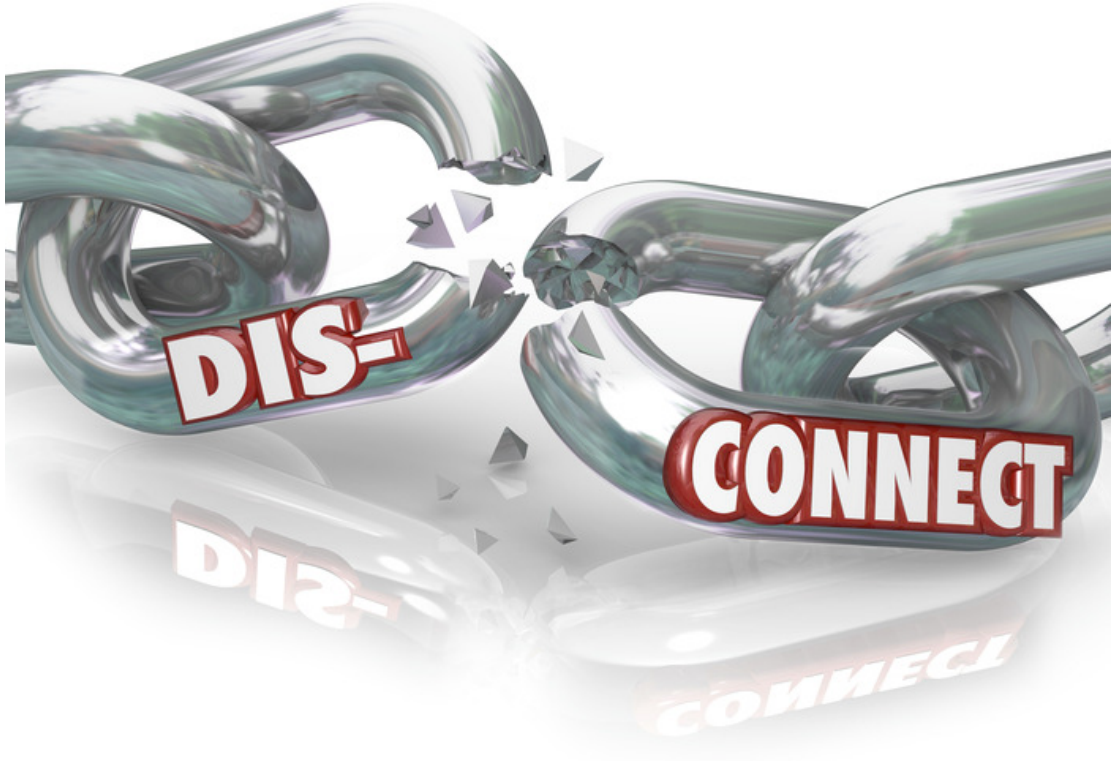
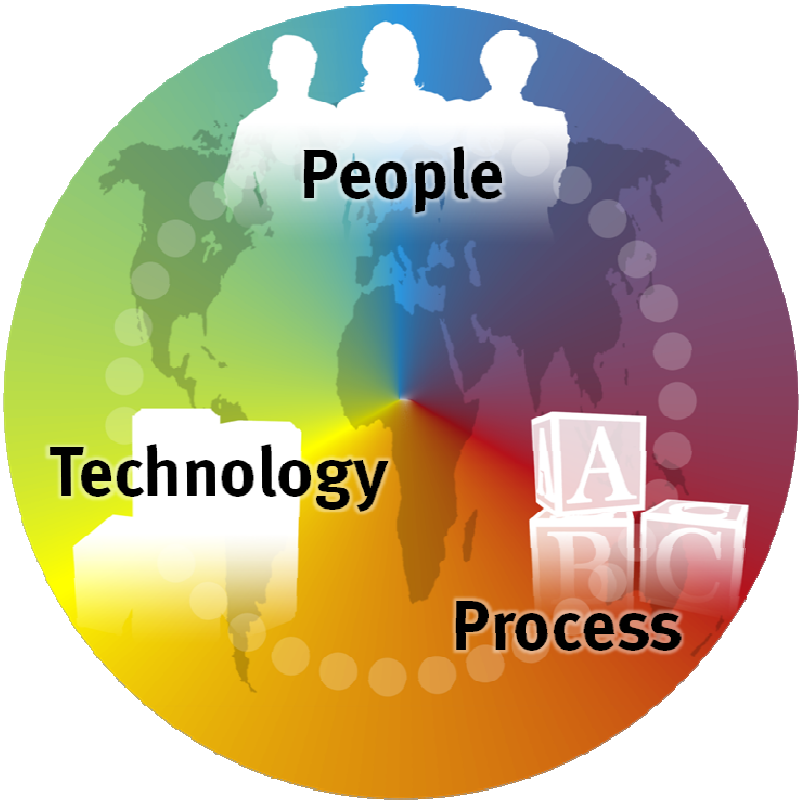
Challenges





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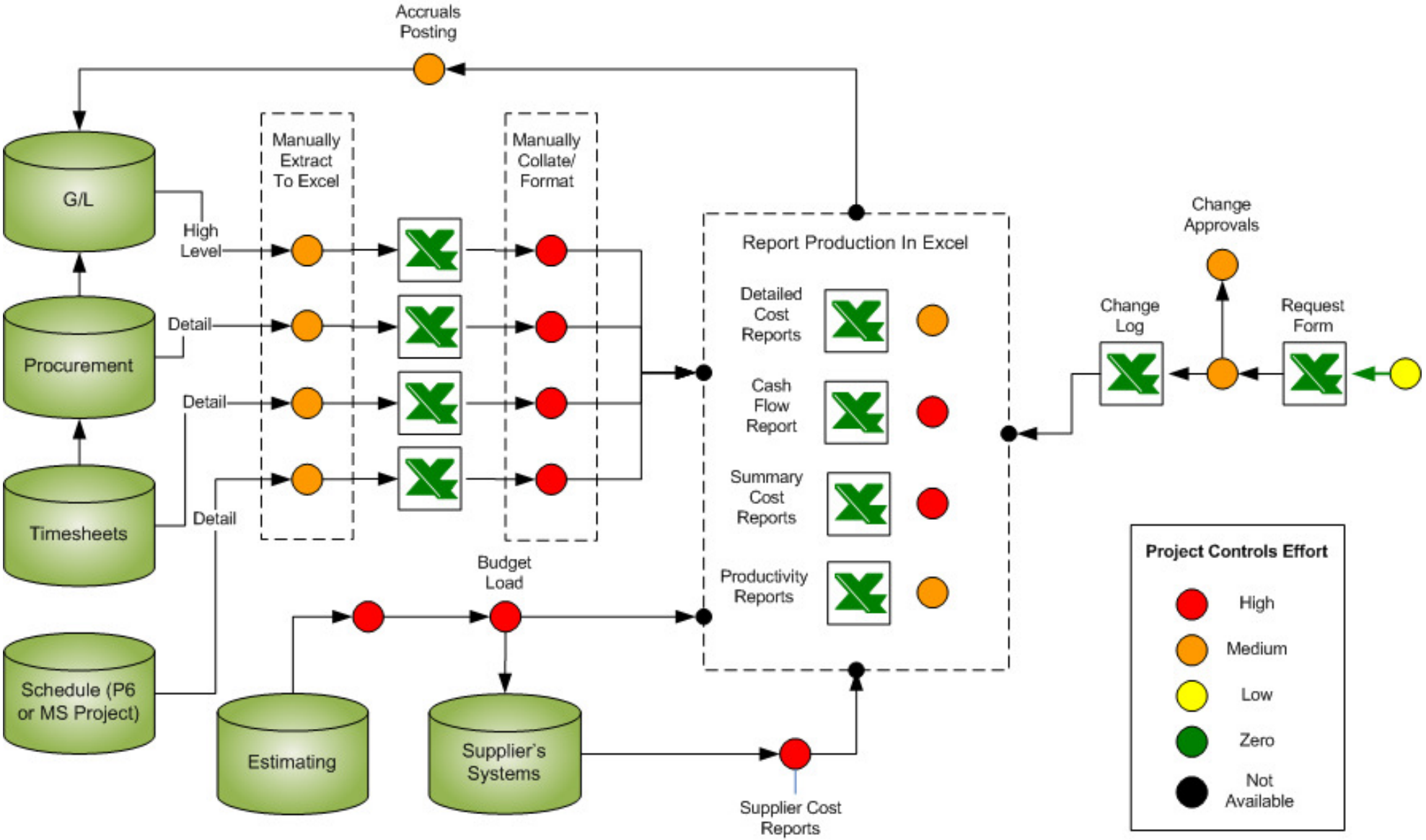
Technology Challenges



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Challenges

Where are my resources?

What does my cash-flow look like?

When are procured items due? Or turning up?

Can you run me that Project budget report?

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Challenges

Who approved this budget?

Who approved this Change?

Where is this project going?

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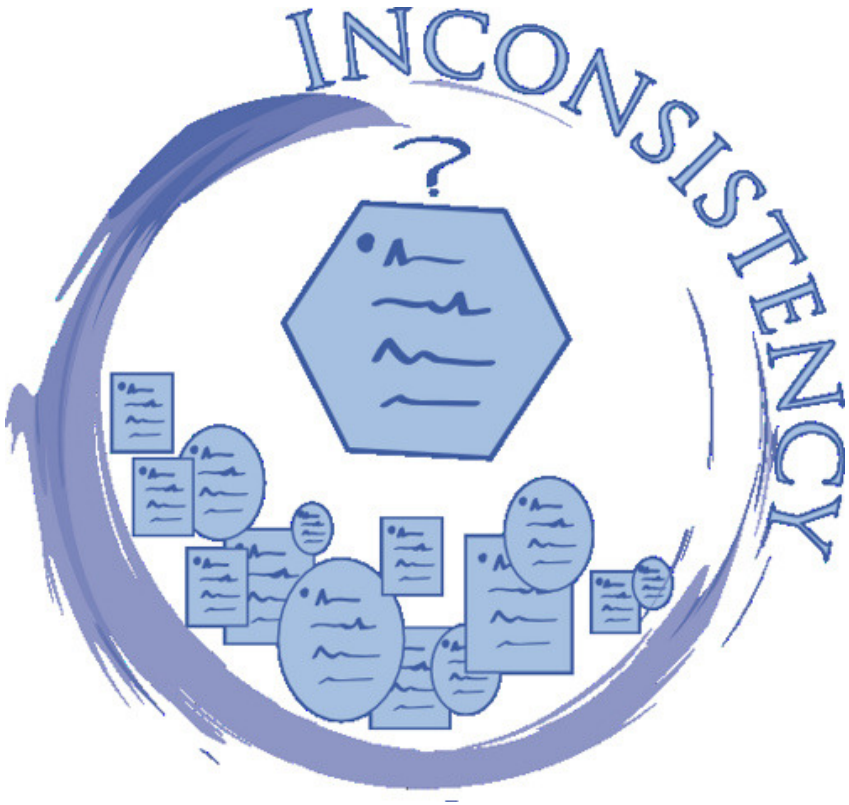
Challenges



How is this forecast calculated?

How is this progress being measured?

How does Project A compare to Project B ?

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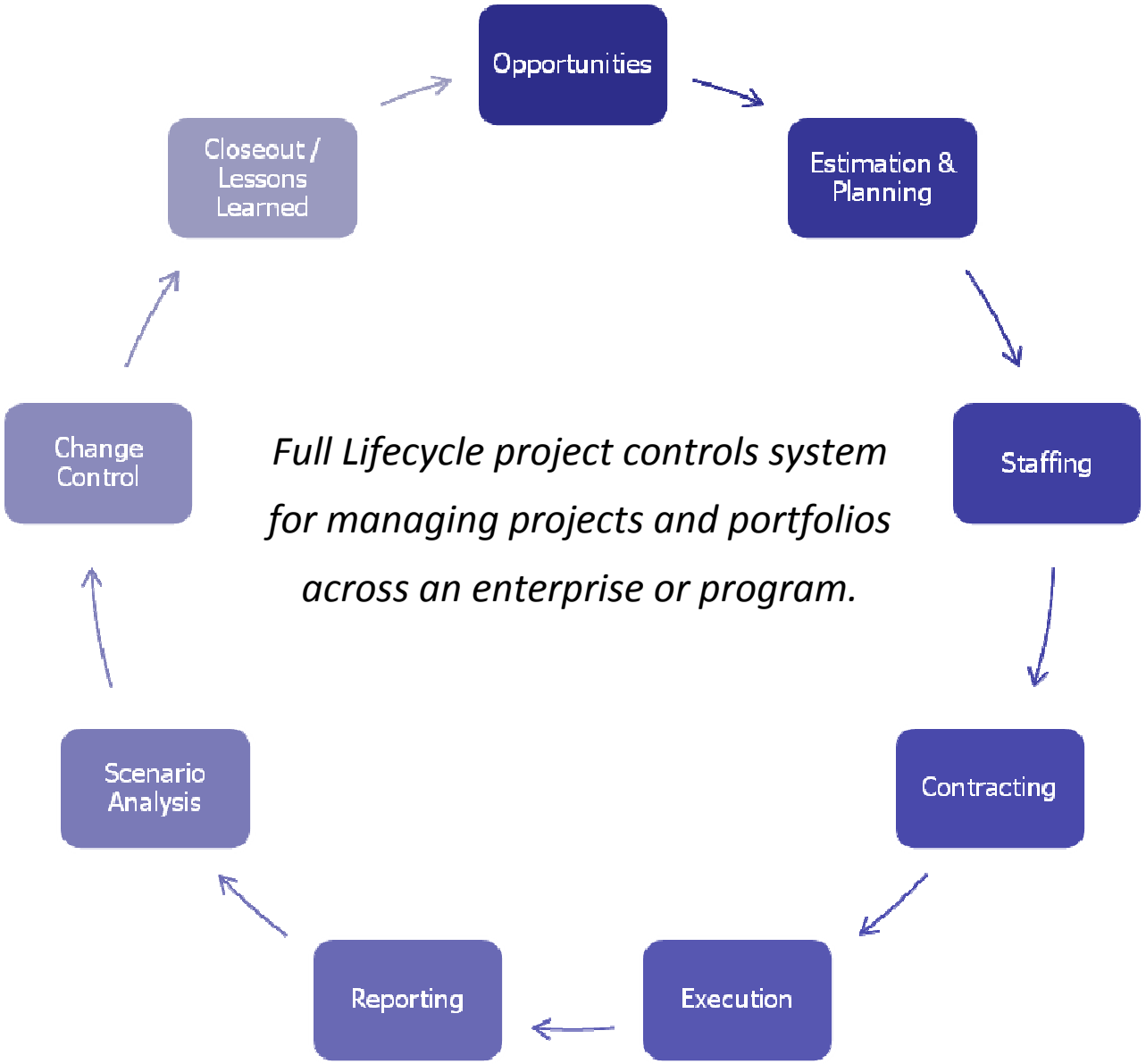
Addressing the Challenges



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Defined Standards

Estimate to Budget

Changes / Variations

Forecasts

Enterprise Standards

Hierarchy mapping

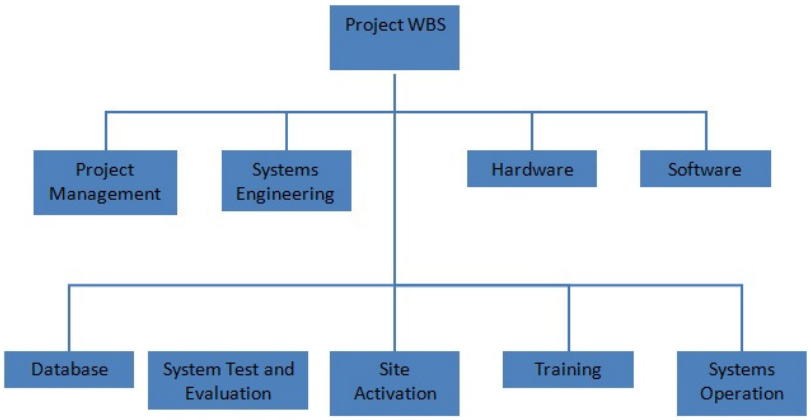

Figure 3-1 Generic Project WBS That Is Process Oriented

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Putting the Pieces together

- Mapping the data
- Starting flat files
- Robust ETL process
- Internal and External
- Data Warehouse

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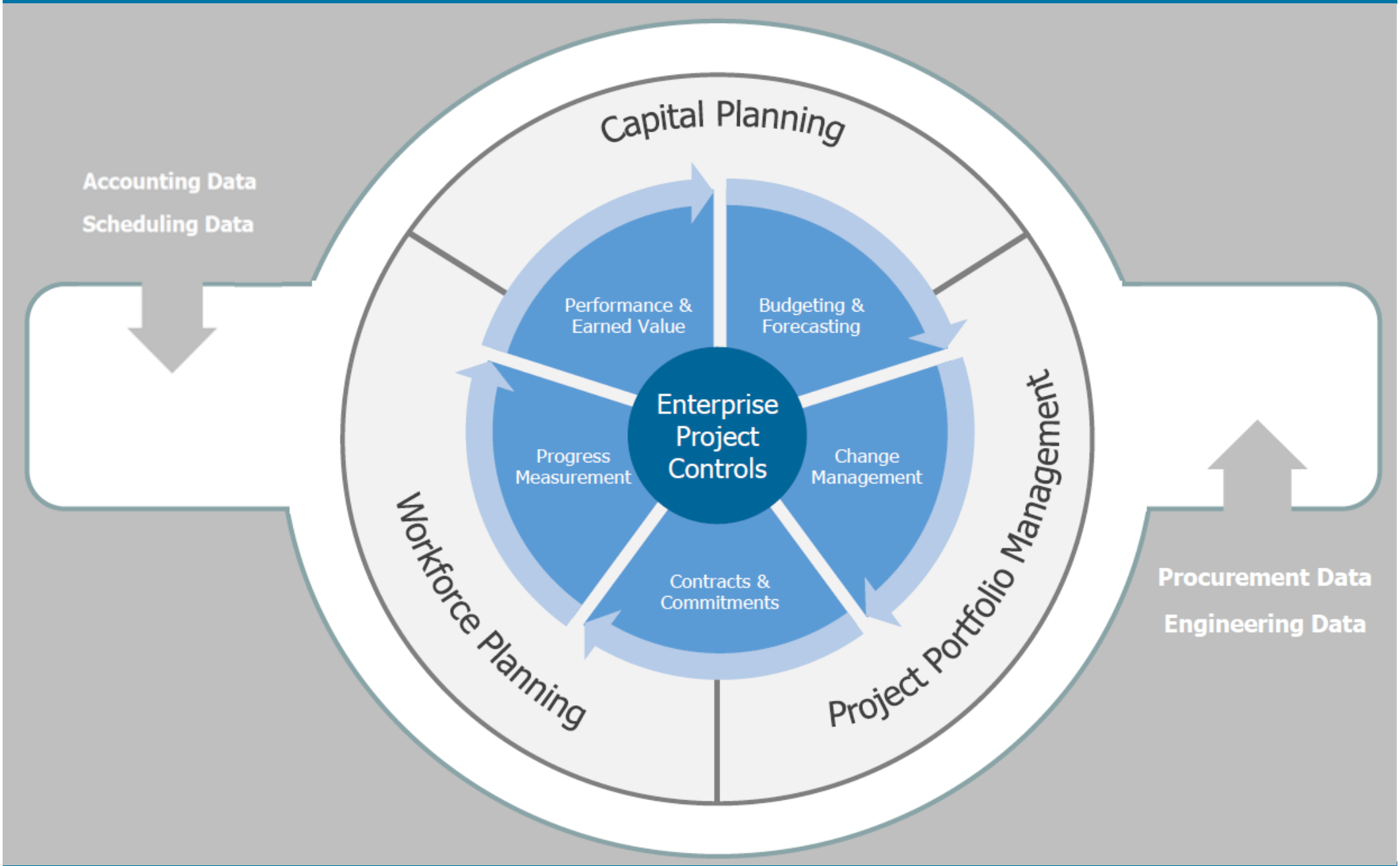
Combine Data and Process



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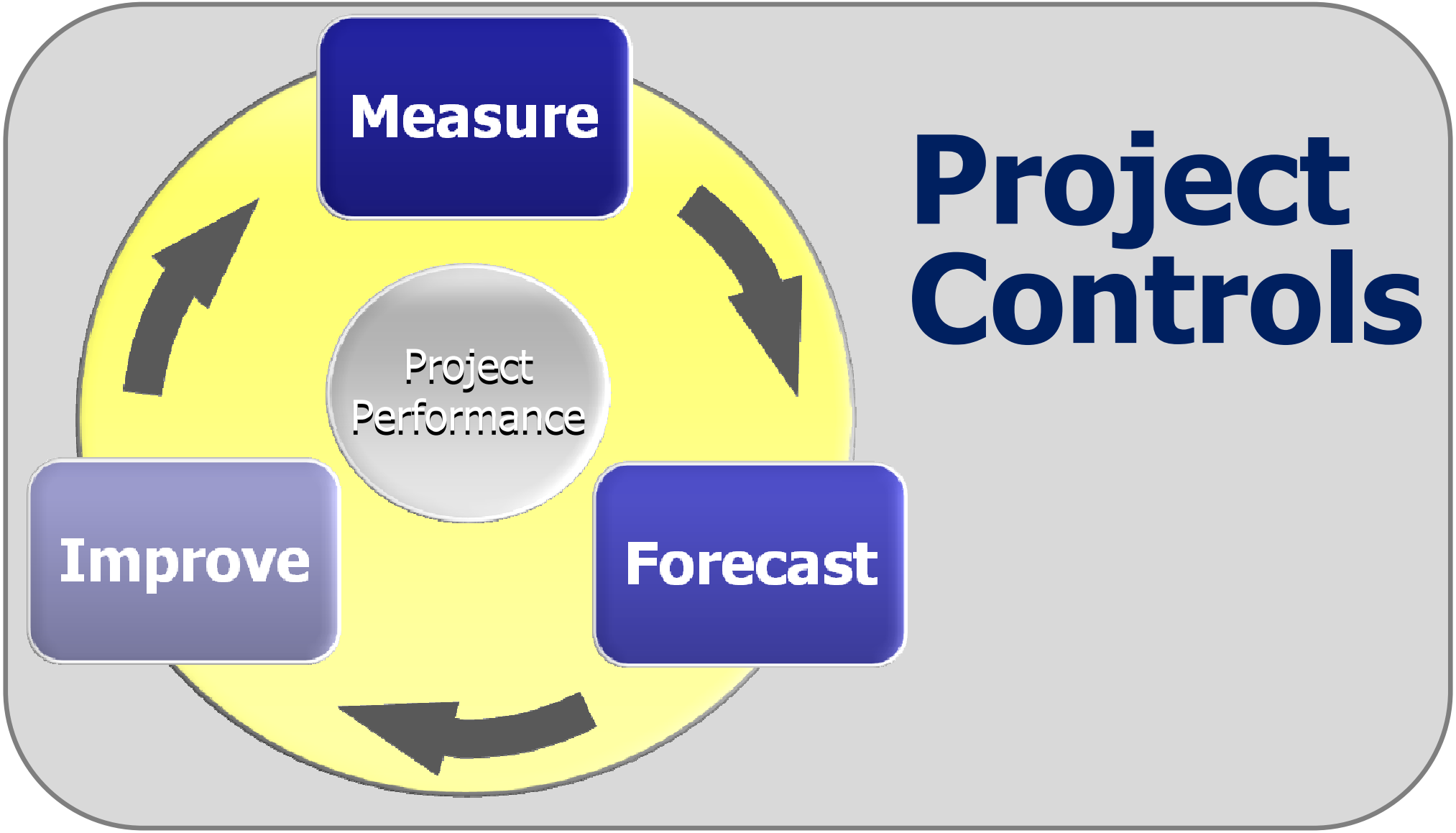
Performance Measurement



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Past period Performance

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The Fundamentals

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Business Considerations

- Pricing and funding
- **Configuration to fit "Your Company"**
- Phased Rollout Vs Big Bang Deployment
- Support and training
- Strong Subject Matter Experts (SMEs)
- Vision & long term goals

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Pre-Requisites for Implementation

- Executive Sponsorship
- Strategy and Time Line
- Incremental Success Gates
- Dedicated Team Members
- Aim at the 80% solution
- Finance and IT are continually engaged
- Driven by the Business and Operation

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EcoSys Company Background

EcoSys

- **Founded in 2000 – Enterprise Control Systems**
- **Enterprise Project Controls Software Experts**
  Designers & Developers of original Primavera P6 and EcoSys EPC
- **Implementation of Project Controls Best Practices**
- **Strong Technology and Implementation Partner Networks**
- **Global Standard for Leaders in Industry and Public Sector**

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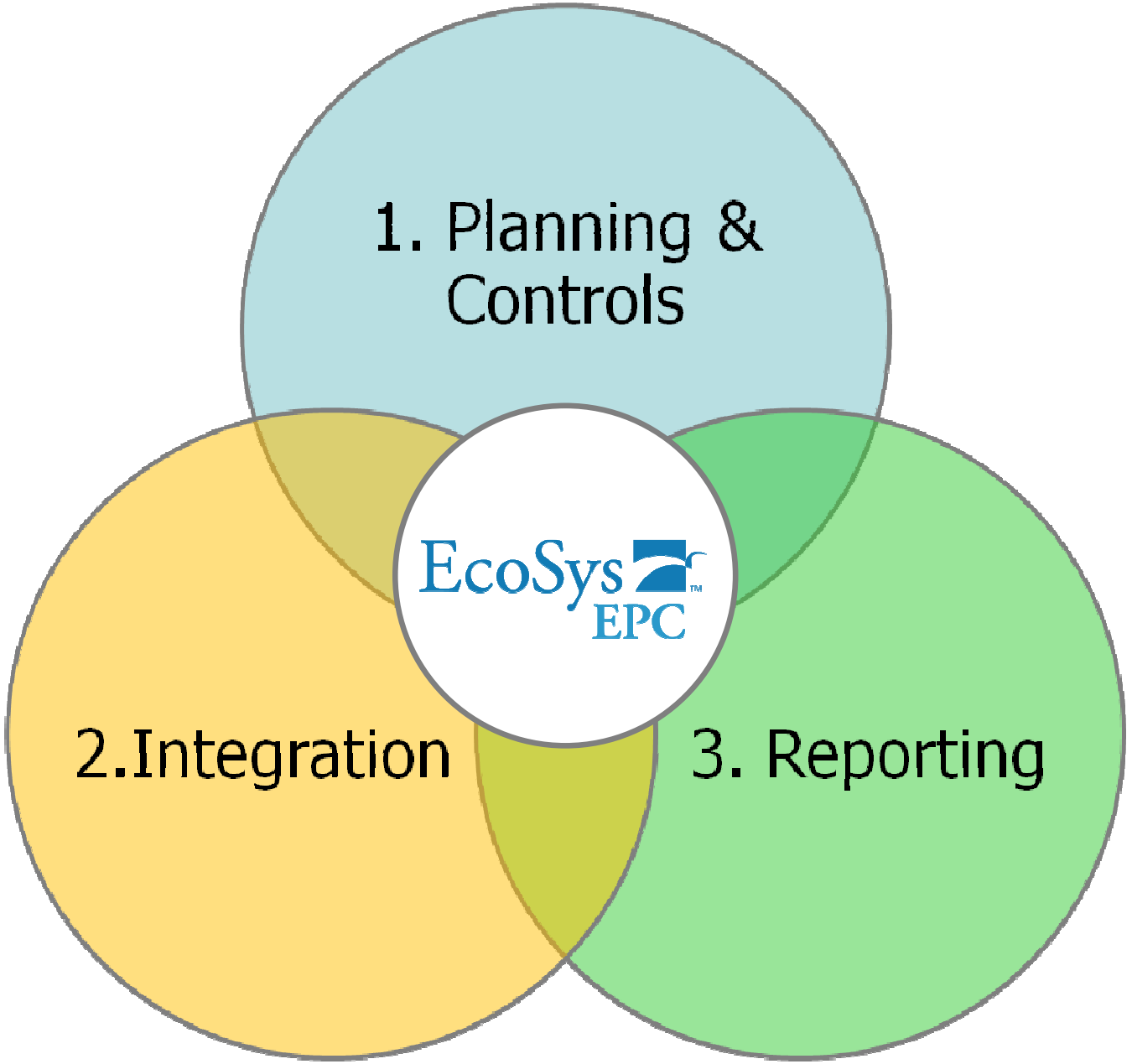
What is EPC?



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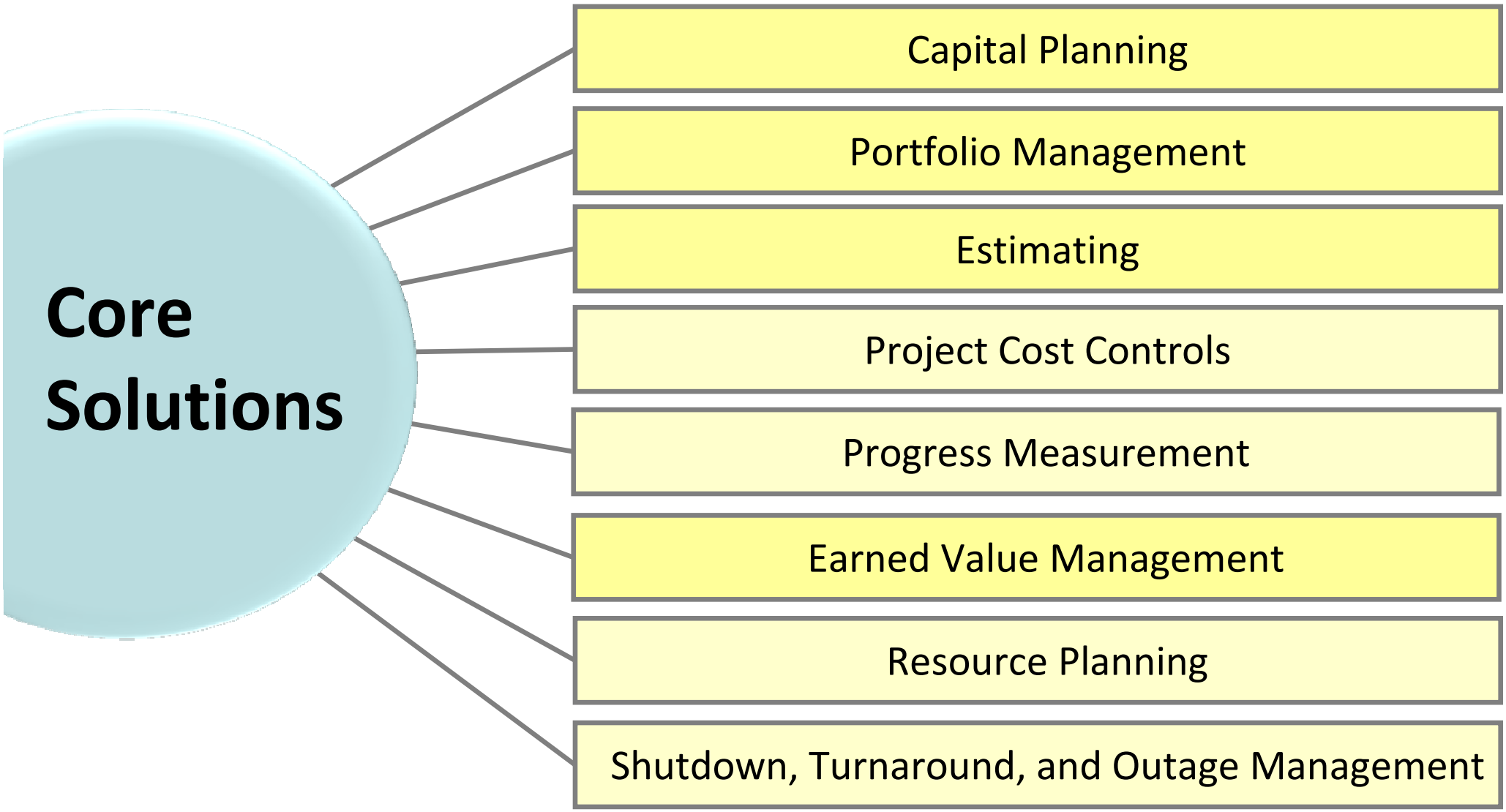
Enterprise Planning & Controls Platform



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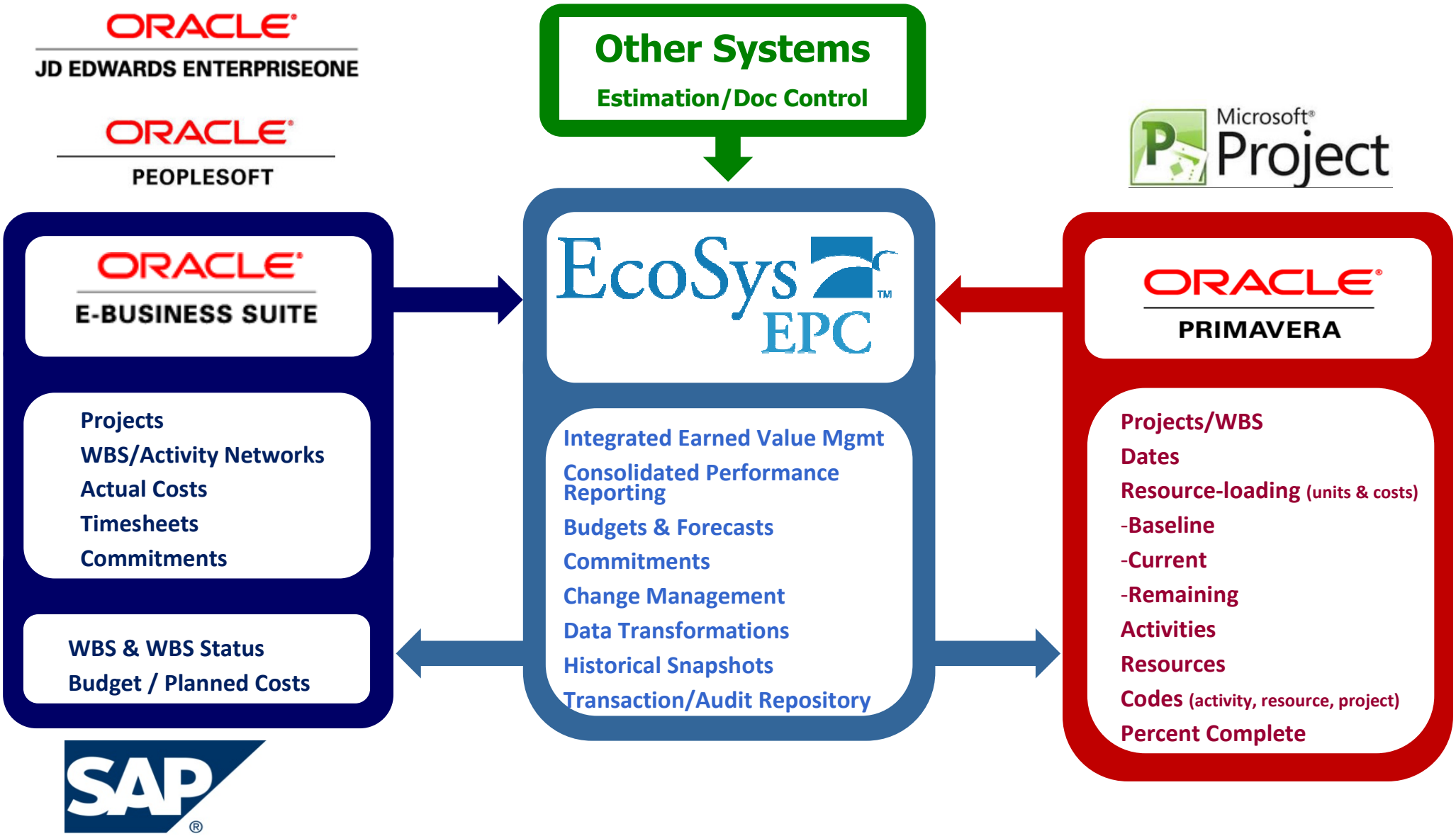
Addressing the Challenges



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Representative Customers

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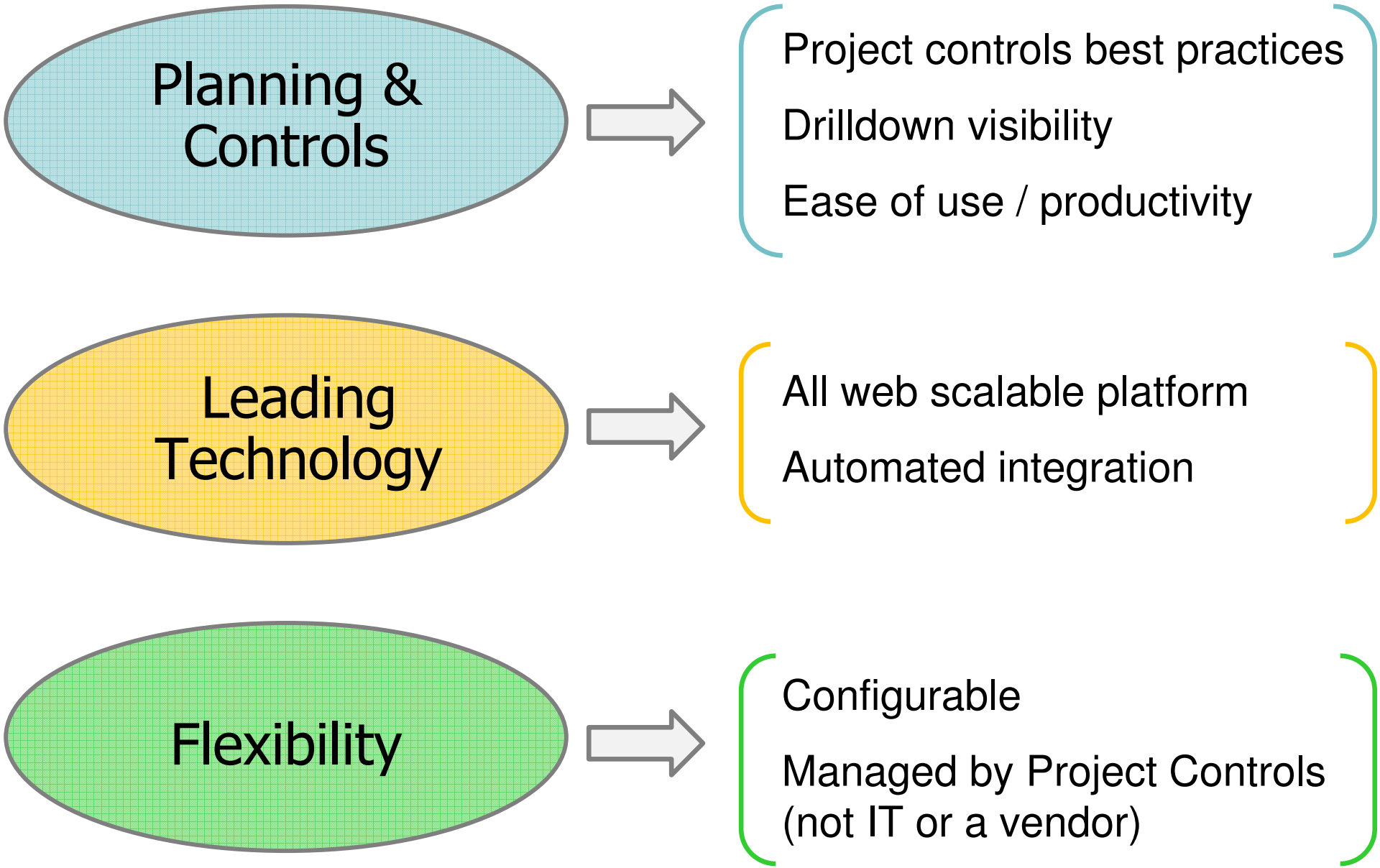
Advantages and Differentiators



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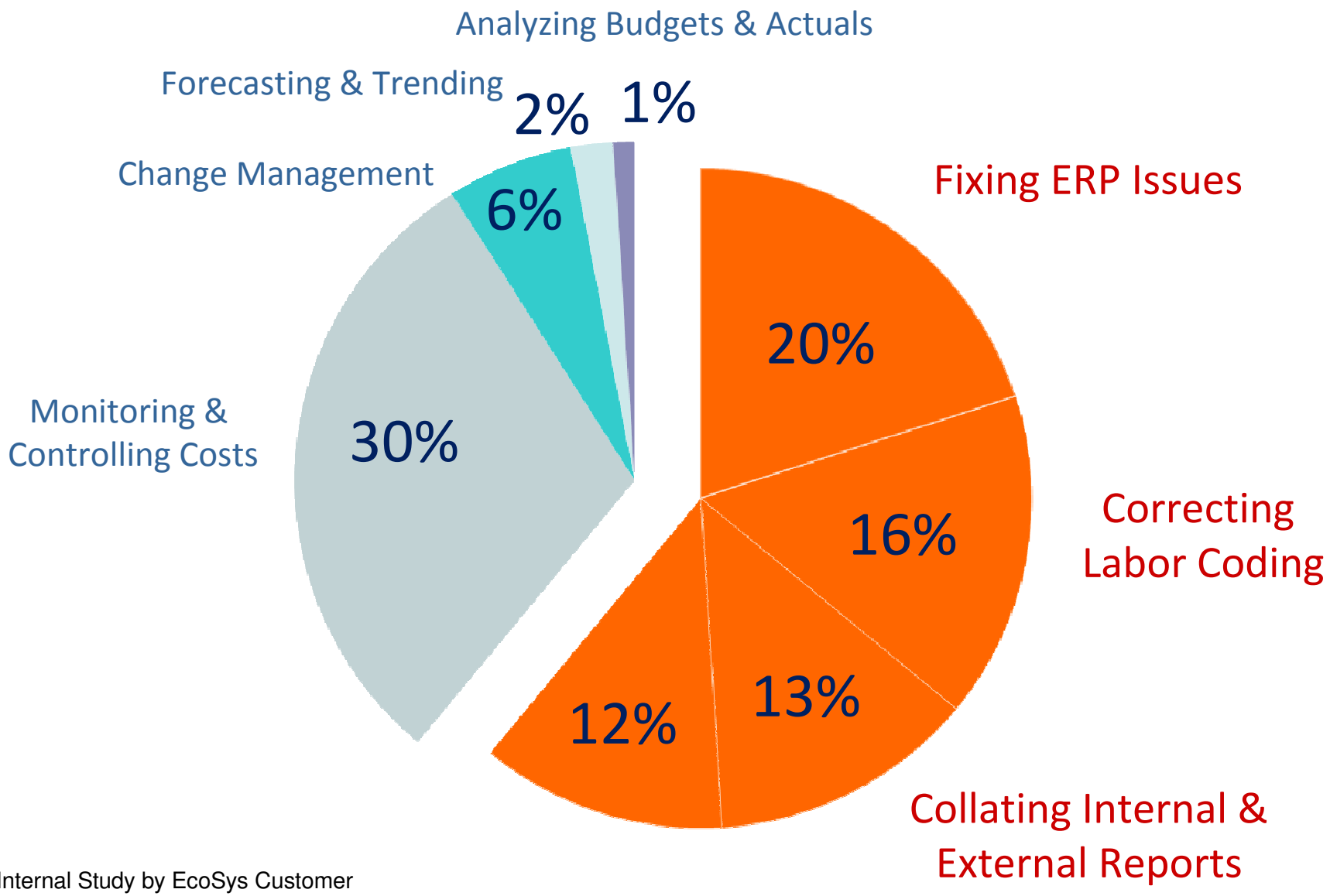

Source: Internal Study by EcoSys Customer

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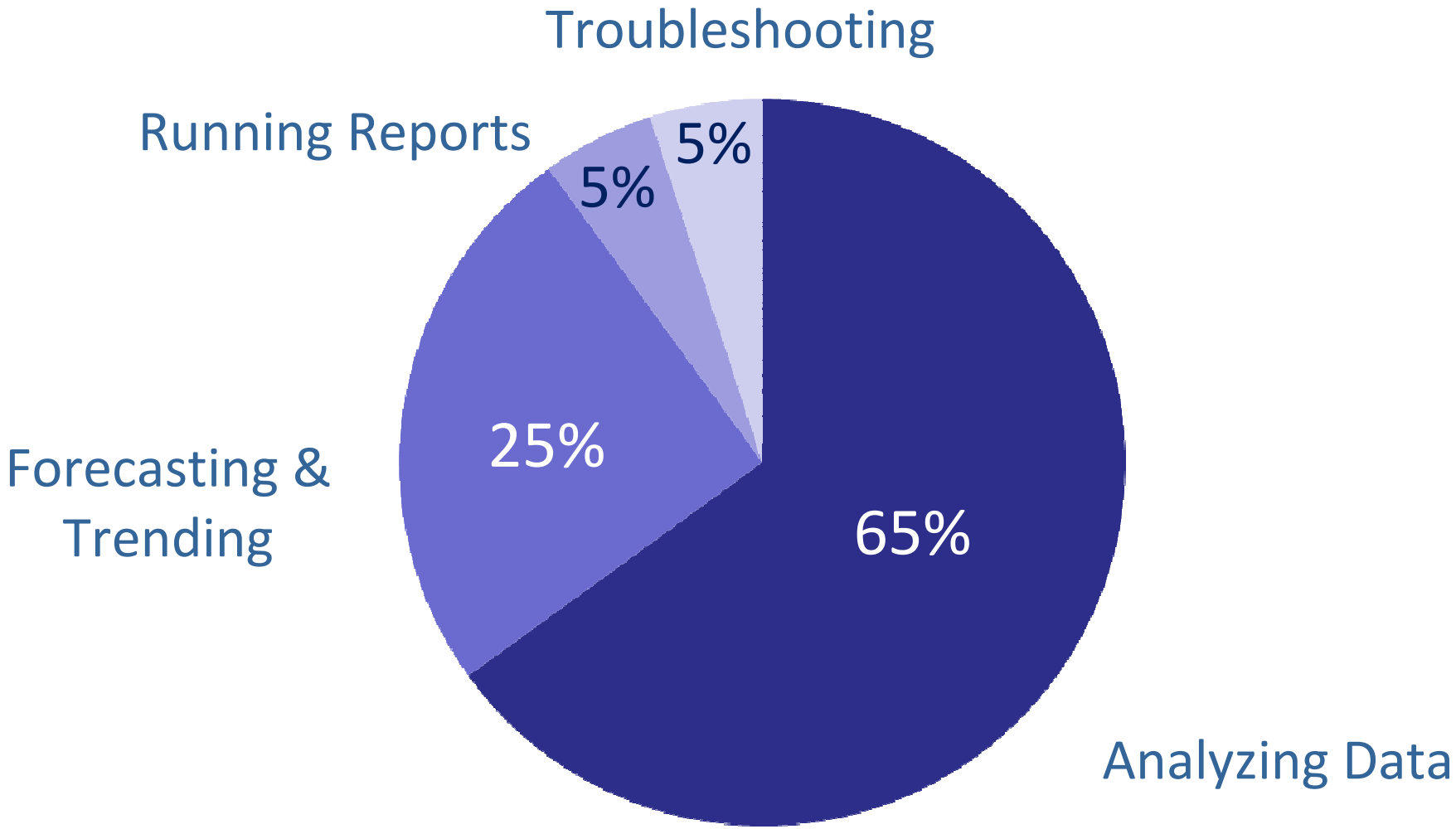

Source: Internal Study by EcoSys Customer

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EcoSys EPC's strengths as enterprise project cost platform:

- ✓Built-in best practices for planning, controls, and analysis
- ✓Excel-like usability : friendly spreadsheets and forms
- ✓Drilldown visibility : bridge top down and bottom up
- ✓Web based and scalable
- ✓Automated integration
- ✓Fully configurable views and business rules
- ✓Management by non-technical resources
- ✓Built-in end user report builder
- ✓Comprehensive multi-currency
- ✓Unlimited versioning and snapshots
- ✓Address multiple maturity levels in one enterprise system

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