

Project Controls Expo – 17th Nov 2017 Emirates Stadium, London

Enterprise Projects Performance: Going Beyond Project Controls

Mark White – SVP, EcoSys Global Business
Development







EcoSys Overview

Market Leadership



- EcoSys founders were the original developers of Primavera P6
- First to market and industry leader in enterprise project controls
- Deep portfolio & project management expertise

Business Momentum



- Largest user adoption in project controls industry
- Global presence users in 20+ countries
- A part of Hexagon PPM (formerly Intergraph Process Power & Marine) since 2015.

Loyal & Growing Customer Base



- 500+ clients globally
- Strong partnerships: SAP, Oracle, SAP, Microsoft, Accenture, IBM, and more







Global Customers from Across Industries



















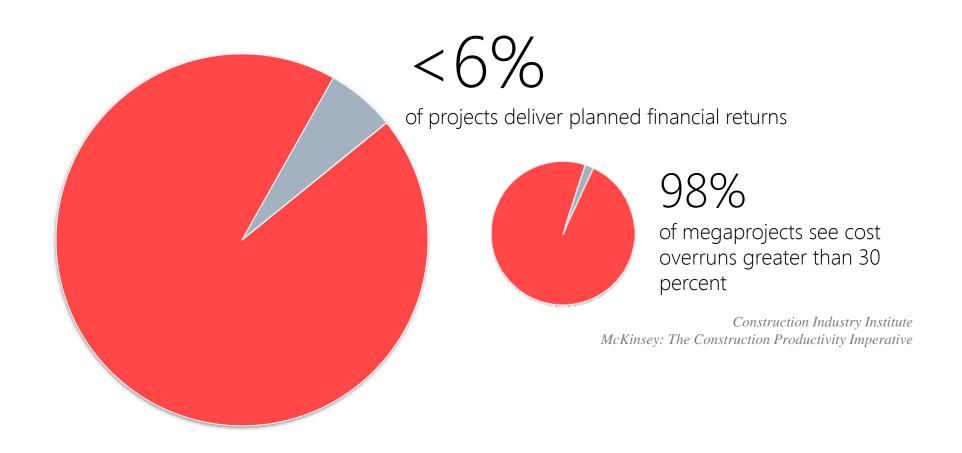
Why Enterprise Projects Performance?







Projects out of Control

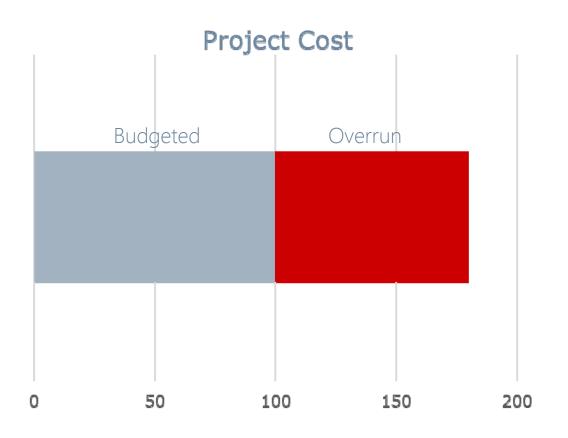








Projects out of Control



Average megaproject cost overrun:

80%

Average megaproject schedule slippage:

20 months

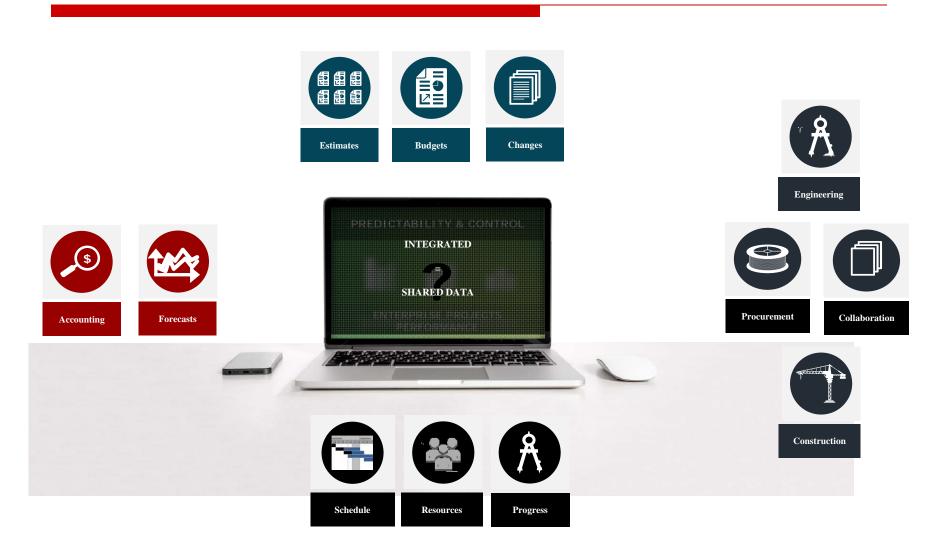
McKinsey: The Construction Productivity Imperative







Information Silos









Resultant Issues



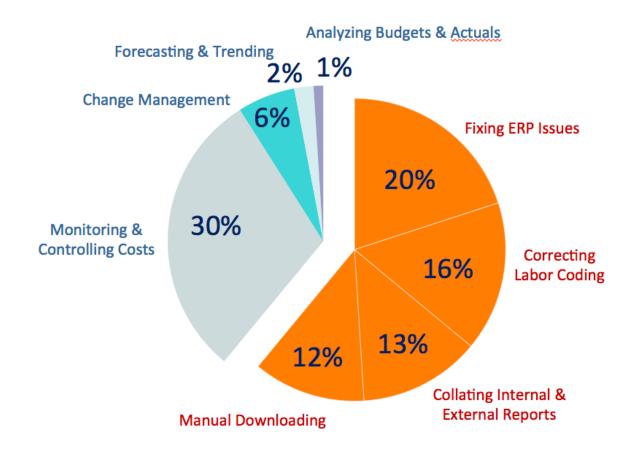






Inefficient Execution

Client before implementing EcoSys



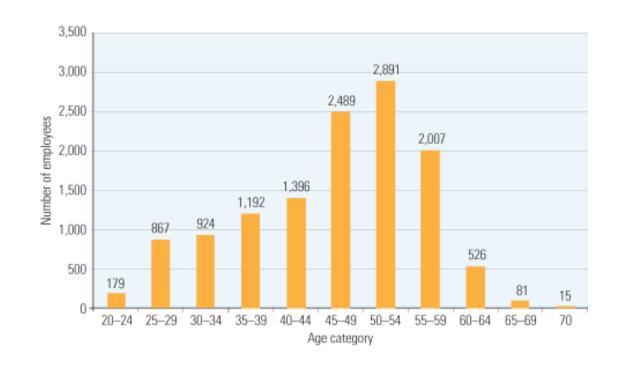






Knowledge Retention vs Aging Workforce

- Expertise is disappearing
- Project management teams losing institutional knowledge
- Skillsets are becoming outdated

















Optimized Execution

Client before implementing EcoSys

Forecasting & Trending 2% 1% **Analyzing Budgets & Actuals Change Management** 6% **Fixing ERP Issues** 20% 30% Monitoring & **Controlling Costs** Correcting 16% **Labor Coding** 13% 12% **Collating Internal & External Reports Manual Downloading**

Client after implementing EcoSys









But Execution Isn't Everything!



On Time Delivery



On Budget



Strategic Alignment







How to Achieve Enterprise Projects Performance?





Compounding The Problem

- Projects and capital spending are long term
- Changes in market conditions occur in the interim:
 - Volatility in commodity prices
 - Change in workforce composition
 - Increase in interest rates
 - Rapid currency shifts
 - Changes in political climate (regulation, instability)
 - Natural disasters
- How can organizations address the inherent problem of change?









Enterprise Projects Performance Across the Digital Lifecycle

- Proper prioritization, selection, and management of project portfolios from inception through execution to close out;
- Controlling projects and contracts through standardization based on best practices;
- Real-time decision analytics, increasing visibility into forecasts and trends, including drill-down into underlying causes







Enterprise Projects Performance

Expands **Perspective**

Demands **Visibility**

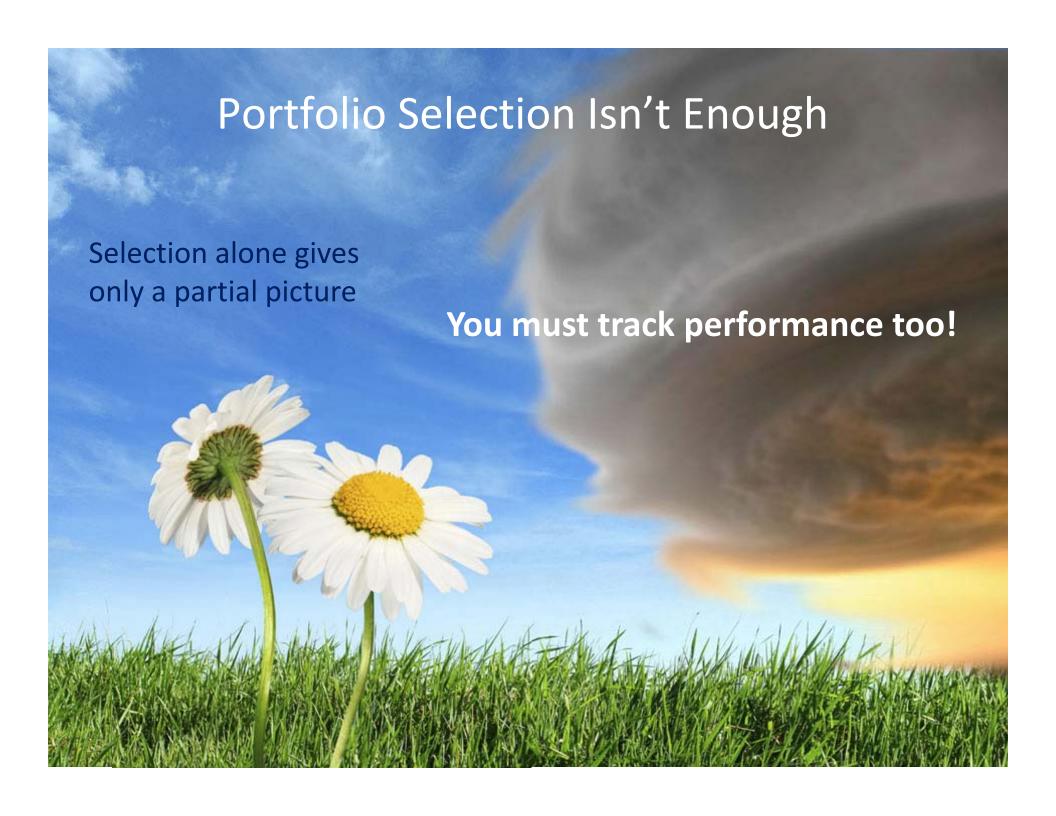
Commands **Action**

GOAL: **Maximize Returns** and **Margins** across Digital Lifecycle









Enterprise Projects Performance

An Integrated System of Three Disciplines

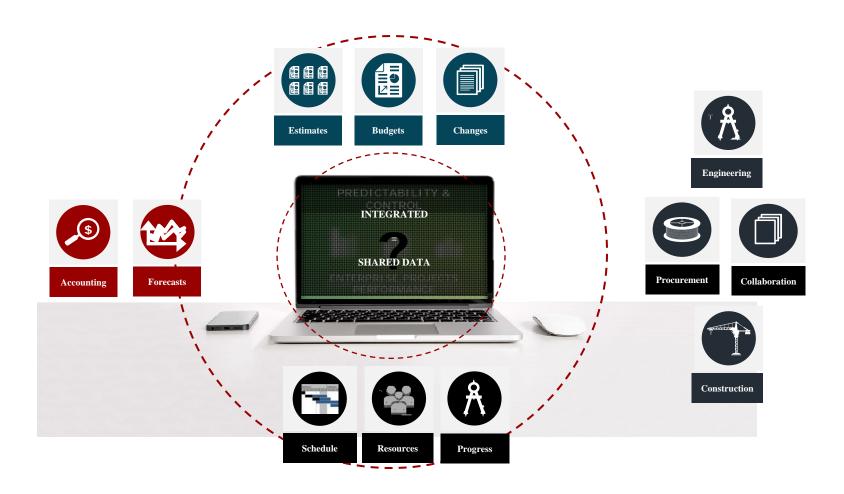








Breaking Down Silos









Technology's Role in Achieving Enterprise Projects Performance

- Integrate critical sources of data
- Greater efficiency and effectiveness through automation
- Provide visibility into program performance across an enterprise
- Structure for defining and enforcing standards and best practices
- Predict outcomes and inform corrective action









What is EcoSys?







Enterprise Projects Performance



- Capital Planning
- Funding
- Scoring and Prioritization
- Stage Gates Workflow
- Portfolio Project Selection
- Resource Management
- Program Management
- Benchmarking and Parametric Estimating
- · Organizational Budgeting



- Estimating and Budgeting
- Changes and Trends
- Commitments and Actuals
- Progress and Earned Value
- Stage Gates Workflow
- Risk Management
- Forecasting
- Cash Flows
- Currency Management



- Contract Cost Control
- Contract Change Control
- Requests for Information (RFIs)
- Submittals and Transmittals
- Payment Applications
- Safety Items
- Punch Lists
- Meeting Minutes
- Lessons Learned







Enterprise Projects Performance







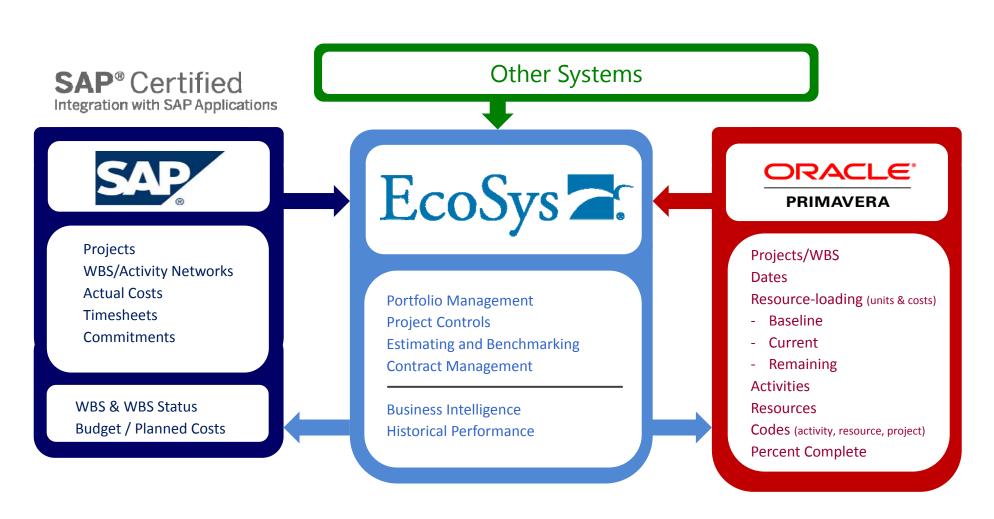
- Uniquely, all three EcoSys products are accessed from the same web browser, fully integrated on one database, sharing common features like:
 - **Enterprise Data Structures**: portfolios, programs, projects, contracts, WBS, CBS, etc.
 - Configurable Business Intelligence (BI): dashboards, screens, spreadsheets and charts, each with drill down capabilities
 - Configurable Processes: screens, spreadsheets, forms and workflows
 - Flexible Integration APIs and Adapters: supporting data exchange with many ERPs and project systems
 - Mobile Apps: fully integrated configurable apps for iOS and Android devices







Fully Integrated Project Data









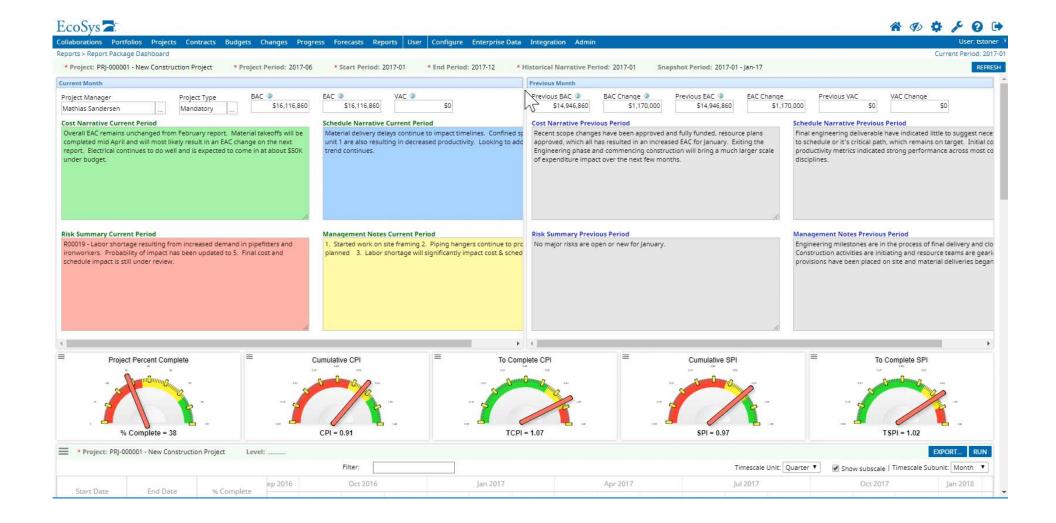
New Features of EcoSys Version 8

- Revamped GUI cleaner, modern look and feel
- New Gantt Charts this new Gantt chart has more aesthetic appeal and offers additional functionality
- New Dashboards dimension allowing for a single dashboard with multiple dynamic panels and ability to scroll throughout the page
- Enhancements to Charts, Forms, and Reports
- Additional options for management and automation of security
- Performance enhancements















Business Friendly Design

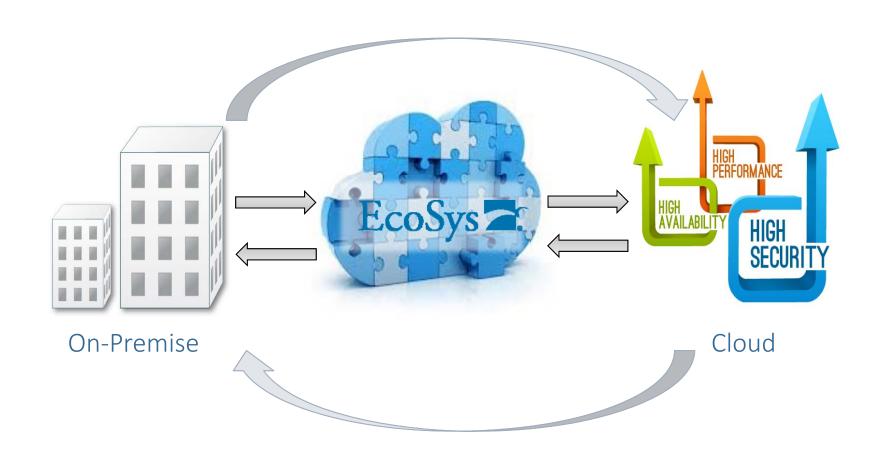








Flexible Software Deployment Methods









Native Integrations Between Intergraph Smart[®] Products and EcoSys™ Begin Rollout

ROADMAP:

- Available today Integration of Intergraph Smart Materials and EcoSys
 - Inclusive of requisitions, orders impacting budgets and commitments, actual expenditures based on approved invoices
- Q1 2018 Integration of Intergraph Smart Construction and EcoSys
 - Scheduled or on-demand field progress updates
- June 2018 Integration of Intergraph Smart 3D and EcoSys
 - Model progress feeding into project controls an exciting new paradigm for the industry!







System Demo







Thank you!

www.ecosys.net info@ecosys.net





