HEXAGON

Brochure

Enterprise Project Performance Software

EcoSys™

Enterprise Project Performance software is project portfolio management, project controls and project management software all in one platform. EcoSys integrates key processes throughout the full lifecycle of projects and portfolios to drive better business outcomes.

About EcoSys

EcoSys is a full project lifecycle management platform, providing the ultimate solution for high levels of project and portfolio performance across the enterprise. Within a single integrated solution, EcoSys offers enterprise-wide visibility and accountability into the utilization of financial and human resources, alignment to organizational strategy, cutting edge performance measurement and forecasting, and effective communication and resolution of changes, risks, and issues. EcoSys delivers both professional and personal confidence that you are leveraging the best intelligence, making the best decisions, and maximizing the performance of your entire project ecosystem.

Enterprise Project Performance

Simply delivering quality projects on time and on budget is no longer an acceptable benchmark of success. Instead, project performance today requires a broader perspective. Do our project portfolios deliver the intended strategy? Are business goals and financial objectives being met? Only by selecting the right projects, in conjunction with exceptional project delivery, can you meet and exceed the performance results demanded today.

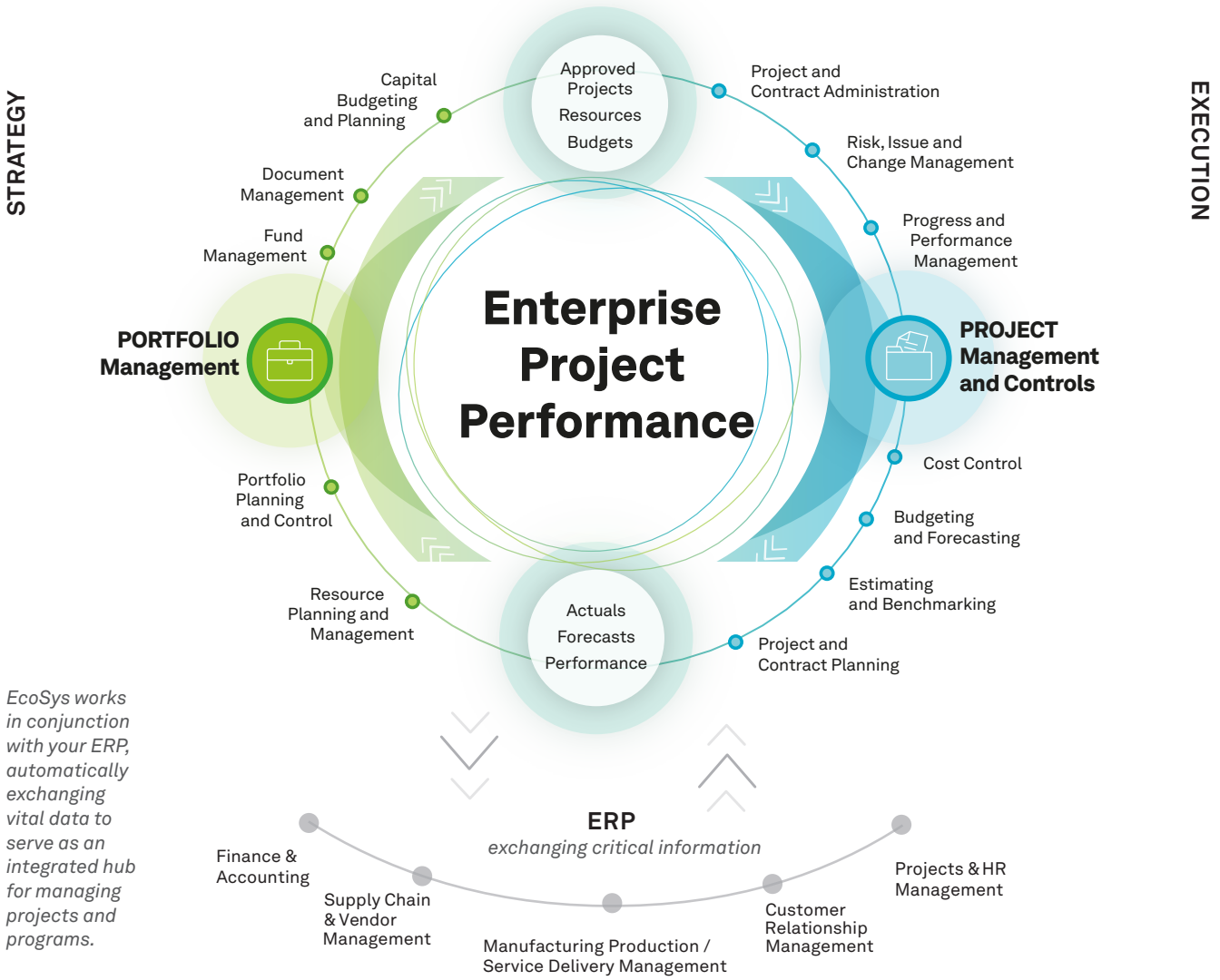
Yet the scale and complexity of today's projects and portfolios have made it difficult to achieve and maintain high levels of performance. The difference between how most engineering and construction projects are expected to perform and how they really perform is often stark. Inconsistent processes and low predictability throughout the projects lifecycle are yielding regular cost and schedule overages and sporadic business results.

A new way of working is imperative, galvanized by an industry leading platform powered by and empowering Digital Transformation.

EcoSys Enterprise Project Performance software allows both owners and contractors to select the right projects to drive their business and growth objectives, and then deliver them as efficiently as possible.

EcoSys frees up our Project Managers' time to focus on managing projects rather than crunching numbers."

Chief Technical Officer
Burns & McDonnell



EcoSys works in conjunction with your ERP, automatically exchanging vital data to serve as an integrated hub for managing projects and programs.

Project Portfolio Management

EcoSys is a unique solution for project portfolio management because it allows you to manage portfolios with insights from actual project data. By bringing strategic planning and project execution together, EcoSys eliminates guesswork and allows you to confidently and effectively optimize your project portfolios, identifying the right timing, capacity, and resources.

With EcoSys, the right projects will get priority, and low value projects will be identified so they can be cut or consolidated. EcoSys drives alignment of corporate strategy and project portfolio management from inception to close out.

Project Management and Project Controls

EcoSys is the global standard for enterprise project controls. As a hub for all project data, EcoSys facilitates automated reporting and greater data accuracy. Leverage the power of integration and business intelligence to unlock the true potential of project controls – driving better on-time and on-budget project performance. Have confidence knowing you are delivering projects based on industry best practices that are proven to help organizations improve efficiency, increase predictability, and proactively improve project performance.

Dramatically Improve Project Performance

EcoSys enables better alignment of strategic goals with project execution. Increased visibility into performance across the full lifecycle of projects and portfolios empowers informed decisions that impact performance.

Offering a centralized hub for all project and opportunity data, EcoSys is the only software in the industry that natively combines project portfolio management, project management, and project controls processes into a single, flexible solution. There's one database, one login, and many tailored user experiences based on type of organization, project size, and complexity – no limits. Native integration among key business processes continuously provides insight at every point in the project's lifecycle while improving efficiency, predictability, and control across your entire enterprise.

Leading organizations around the world – including Owner/ Operators; Government Agencies; Program and Project Management firms; Engineering, Procurement, and Construction firms (EPCs); and General Contractors – trust EcoSys as their Enterprise Project Performance platform.

One Solution for All Projects

In most organizations, the largest projects are supported by well-defined processes and systems. But too often, smaller projects experience much less rigorous project management. Why? It's usually too costly and too much effort to apply the same standards, tools and processes to small projects.

Instead, small projects are typically managed with different custom or in-house solutions. As a result, an organization has good visibility into major projects, comprising about 20% of the portfolio, and limited insights for the remaining 80%.

Typical Challenges for Small Projects

- Siloes of data make project teams less efficient
- Inaccurate & out-of-date data inhibits decision making
- Reporting is manual & time consuming
- Managing many systems is costly & difficult
- Inflexible software doesn't adapt to work processes
- Lack of governance & control
- Limited visibility into project performance

How EcoSys Solves Them

- Out-of-the-box processes cover full lifecycle of projects & portfolios
- Reduce number of project systems
- Easily integrate with other data sources when needed using EcoSys Connect
- Scalability & flexibility for projects of any number, size or type
- Easily apply standards / best practices
- Add business processes as you evolve
- Full visibility into performance of all projects

EcoSys allows you to consolidate your tangled web of point solutions, instead using one login to access one database. This means you can leverage the benefits of centralized data and real-time insights on every project in your enterprise, all from one place.

20% **INTEGRATE** WITH **EXTERNAL SOURCES** > **80%** **PROJECT DATA NATIVELY CREATED** IN **ECOSYS** > **100%** **VISIBILITY** IN **ECOSYS**

Instilling Confidence in Project Delivery

EcoSys instills confidence in project teams and executives by improving their ability to positively impact the performance of projects. EcoSys removes barriers that typically prevent organizations from confidently planning and executing projects. EcoSys frees people to spend more time to do their jobs, gives them the insight needed to do their jobs better, and ensures everyone is on the same page.

With EcoSys, you can create a culture of confidence by executing the following confidence building and reinforcing activities that result in better project performance.

Thinking Long Term: Making short-term decisions can impede long-term goals. Think, plan, execute strategically with your long-term goals in mind.

Doing the Right Things: Know you are doing the right thing rather than relying on gut feel. Take a systematic approach to project planning and execution based on industry best practices.

Mastering Complexity: Remove the burden of project complexity. No longer feel crippled by compiling data, eliminating errors, and reporting. Be free do work that truly impacts performance. De-risk your projects and portfolios with improved efficiency.

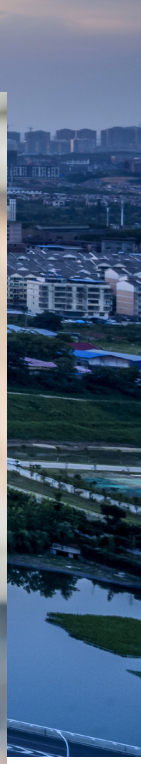
Following Through: Do what you say you're going to do. Change behaviors and drive predictable results with predictability metrics. Gain the respect of your clients and suppliers, supervisors and peers.

Getting Things Done: Accomplishments breed confidence. Hit your goals, realize intended benefits, and deliver expected ROI by supporting the entire project lifecycle from inception through close out.

Monitoring Progress: You can't improve without measuring progress. Visibility into the performance of projects and helps you know you are improving by measuring progress against key KPIs.

Making Informed Decisions: Put your data to work for you. Real-time reliable data arms you with the ability to back up your decisions right at your fingertips.

Standardizing Success: Do more of what makes you successful. Analyze trends to identify key factors of success, then standardize them across projects for repeatable success.



The Benefits

Increase Predictability

Leverage unique, industry-changing KPIs that account for forecast accuracy AND timeliness to measure and improve predictability. Issues caused by optimism bias and other negative behaviors are systematically exposed, paving the way for corrective strategies that drive real performance improvement.

Drive Efficiency

Dramatically reduce reliance on Excel spreadsheets and the time consuming, error-prone processes that go with it. Eliminate low value activities by as much as 80 percent, freeing managers and analysts for high-value, performance-improving work.

Visibility into Performance

Integrate all critical sources of project data and utilize real-time analytics to quickly drill down into root causes and to proactively mitigate issues before they derail your projects. Know the status of every project in every portfolio across the entire project lifecycle, regardless of stage.

Standards-Based Flexibility

One size fits none; take rich out-of-the-box features and tailor the user experience and business rules based on role, project size, and project type. Within a singular project ecosystem, comprehensively view enterprise resources, enabling proactive and informed decisions that reduce cost and schedule.

Built-in Best Practices

Utilize built-in best practices from industry leading organizations. Drive consistency in portfolio planning and execution and follow the processes proven to deliver world-class performance.

Optimize Resources

Utilize enterprise-wide knowledge of resource supply and demand to balance financial, human and capital resources so all projects and opportunities progress unhindered. Recognize shortfalls early and reallocate idle resources to avoid unnecessary costs.

The Technology

100% Web-Based

Access relevant project information from anywhere. Our “zero footprint” client requires no desktop software beyond your standard web browser. Available as an on-premise solution, managed hosting, or SaaS solution.

Flexibility without Customization

Designed to adapt to your needs. Power users can easily modify the system, create new reports and screens. You’re not reliant on IT or consultants. Unlike customized systems, there’s no problem upgrading to the latest software version.

Excel-like Spreadsheets

Easy to use and with a familiar feel, the system design aids in user adoption, while leveraging the strengths of an enterprise database-driven solution. Our central formula library prevents the introduction of hidden errors.

Mobile Solutions

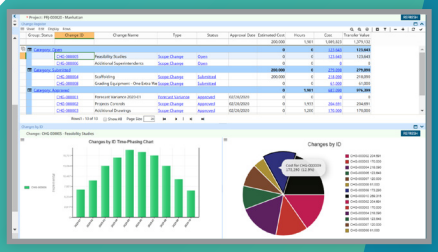
Easily distribute access to the field and management to speed communication and data collection with standard or configurable mobile apps. Available on iOS and Android platforms with no programming needed.

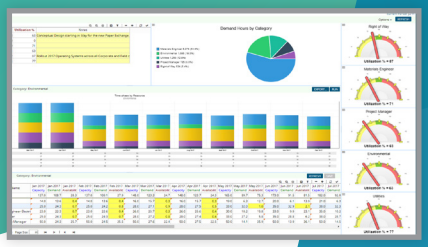
Scalability

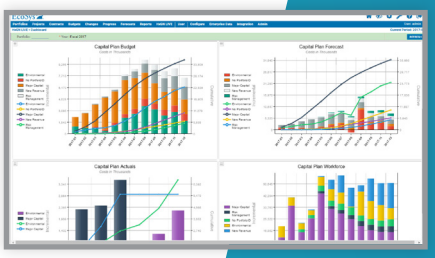
Fully scalable across any enterprise for an unlimited number of users and projects. Easily handle the requirements of small projects all the way to the most strenuous megaprojects. You won’t need a large department or IT team to support the system.

Intelligent Integration

Efficiently share data through an array of bi-directional integration options. EcoSys Connect and our web services API enable integration with virtually any enterprise system with minimal to no custom programming. Or use pre-built connectors for SAP and P6.







Partners in Success

EcoSys is trusted by many of the top organizations in the Engineering & Construction industry on the world's largest and most complex projects, along with large portfolios of smaller projects.

Our experience has helped us develop best practices that you can leverage as well as a plan for implementation that will facilitate organizational change. We will work together to identify and improve the greatest area of impact, then iterate to tackle the next critical area.

No matter where your organization is on your journey to improve project performance, EcoSys provides a pathway to reach your desired business outcomes.

"EcoSys handles everything we want. The depth and breadth of the system is phenomenal, and it is flexible enough to match your work processes."

VP, Estimating and Project Control
TechnipFMC

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ECOSYS SNAPSHOT

EcoSys is an Enterprise Project Performance Software Platform

Supports key process areas that cover the full lifecycle of projects and portfolios:

- Portfolio Planning & Control
- Resource Planning & Management
- Fund Management
- Capital Budgeting & Planning
- Project & Contract Planning
- Estimating & Benchmarking
- Cost Control
- Progress & Performance Management
- Risk, Issue & Change Management
- Budgeting & Forecasting
- Document Management
- Project & Contract Administration

Provides unique benefits, increasing your ability to confidently deliver projects:

- Greater Efficiency
- Increased Predictability
- Superior Control
- Better Execution of Strategy
- Visibility into Performance
- Process Standardization
- Agility and Flexibility
- Optimal Resource Utilization

For many types of organizations:

- Owner/Operators
- EPCs
- General Contractors
- Consulting Firms
- Government Agencies
- Government Contractors

Across different industries:

- Oil & Gas
- Refining & Chemicals
- Power Utilities
- Transportation Infrastructure
- Mining
- Manufacturing
- Building Construction & Operations

Across different roles:

- Project Management
- Portfolio Management
- Contract Management
- Construction Management
- Engineering
- Finance
- Executives & Business Strategy
- IT & Digital Transformation
- Operations

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

Hexagon's PPM division empowers its clients to transform unstructured information into a smart digital asset to visualize, build and manage structures and facilities of all complexities, ensuring safe and efficient operation throughout the entire lifecycle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 4.6bn EUR. Learn more at hexagon.com and follow us @HexagonAB.

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