



# EcoSys™ for the Refining & Chemicals Industry

Refining & chemicals companies are dealing with increasing uncertainty due to the COVID-19 pandemic, tightening regulations and other market forces. Executing with efficiency, predictability and control while minimizing risk is the new imperative for maximizing returns on complex process industry projects. In other words, you need to consistently deliver projects with high performance.

How? The status quo of tangled web of in-house developed tools, commercial software and Excel spreadsheets is not the answer. Instead, you need a new, holistic approach. You need the right technology foundation. You need Enterprise Project Performance software.

Enterprise Project Performance software is project portfolio management, project controls and project management software all in one platform. EPP software provides an enterprise-wide perspective into what drives project success, and integrating key processes throughout the full lifecycle of projects and portfolios.

Hexagon's PPM division has been a leading technology provider for the refining & chemicals industry for more than 50 years. For the past 15 years, EcoSys Enterprise Project Performance software from Hexagon has been trusted by top organizations to help them deliver consistently high performance across all projects.

EcoSys provides a centralized, standardized approach to prioritizing, selecting and executing every project. This single version of the truth improves visibility into performance and ensure all stakeholders collaborate effectively.

## Integrate Strategy and Project Delivery

### Portfolio Management

Understanding how projects contribute to business strategy will be critical to the success of refining & chemicals companies going forward. Ensuring you are executing the right projects is just as important as executing projects right:

- **Align projects** with business strategy through integrated project portfolio management
- **Remove data silos** and improve access to information for all stakeholders
- **More value-added activity** and less time compiling and collating data
- **Increase efficiency** by automating repeatable tasks and processes

## Project Controls and Project Management

The complex nature of refining & chemicals projects often means that investments do not deliver their intended value. EcoSys prevents project cost overruns and delays through:

- **Improving** project predictability and performance through better planning, measurement and forecasting
- **Integrating** all project cost, change, risk, productivity and performance data into a single version of the truth
- **Delivering real-time analytics** at any data level
- **Standardize** best practices across all projects in the enterprise

## Measurable Improvement to Key Business Processes

EcoSys gives you the tools to measure and improve key business processes, including:



### Project and Contract Planning

Enable fact-based project selection and prioritization with standard data to optimize decision making.



### Estimating and Benchmarking

Connect estimating with the full budget lifecycle. Standardize processes to improve accuracy, drive consistency and better manage risks and contingency.



### Progress and Performance Management

Define KPIs to measure, monitor and learn from your projects. Leverage industry-leading integrations to achieve “digital progress measurement.”



### Resource Management

Get the most out of limited resources. Full visibility into your portfolios of projects allows you to align resource decisions to strategic priorities.

## Key Benefits

EcoSys helps you compress schedules and reduce projects costs through:



### Confident decision making

Integrate all project data throughout the full project lifecycle to deliver timely insights. Know you are making decisions based on the best possible information.



### Be proactive

Advanced forecasting capabilities and predictability metrics allow you to drive early identification of potential issues – early enough to proactively course correct.



### Better governance

Maintain all projects' performance records for historical analysis. Then flexibly standardize based on industry and internal best practices. Built-in standards are easily enforceable and more likely to be followed.



### Full Transparency

Visibility into project performance provides transparency to stakeholders, allowing for better communication, decisions and risk management.



### Optimize Investments

Strengthening and integrating portfolio management processes will help you reduce opportunity costs and improve CAPEX and OPEX project investments.

## What is Enterprise Project Performance?

EcoSys Enterprise Project Performance software is a singular management platform for the full project lifecycle – spanning Project Portfolio Management, Project Controls and Project Management – combining native data with that from any number of external sources. The result is organization-wide transparency that changes negative behaviors, improves decision making and drives timely corrective action.

## About Hexagon

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

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 3.8bn EUR. Learn more at [hexagon.com](https://hexagon.com) and follow us @HexagonAB.