

# WORKFLOW MANAGEMENT WITH IBM® ENGINEERING LIFECYCLE MANAGEMENT

## Workflow Management

### **COLLABORATE TEAMS, MANAGE CODE, TRACK ENGINEERING PROGRAMS**

Competitive pressures to bring products to market faster, slash development costs, maintain quality standards and counter competitor innovations are forcing organisations to change fundamentally the way their engineering teams work. Customer and market demands are driving the need for companies to overhaul their old methods for newer, more agile processes that optimise the entire engineering life cycle.

To cope with rising product complexity and significant amounts of data, modern engineering teams must improve existing methods of working whilst embracing new processes and technologies to maintain a competitive edge.

### **AGILE SOFTWARE DEVELOPMENT**

Using an iterative approach to systems and software development improves quality and speed but also puts a greater emphasis on the method to which teams collaborate, share information and measure effectiveness. This evolving landscape presents organisations with challenges around how to manage and deliver Agile systems and software development whilst managing a high level of complexity.

### **BETTER SUPPLY CHAIN MANAGEMENT**

Managing the production flow of a product or service right from the raw material through to how the product is delivered to the end user requires extensive planning, sourcing, making, delivering, returning and enabling. Supply chain management has evolved somewhat from a system which was focused on movement, costs and availability to a complex discipline which impacts quality, customer satisfaction and overall profitability. Common amongst most supply chains is a huge amount of data, and the challenge for manufacturers and engineering businesses is cultivating, sharing and managing this data so that it is useful and shared throughout the supply chain.

It's also crucial that suppliers are contributing to a common system of work, and can easily communicate at Tiers 1, 2 and 3.

### **IBM® ENGINEERING WORKFLOW MANAGEMENT (EWM)**

Managing tasks, project status and plans is a critical component to any engineering development. Teams must adopt a flexible and adaptable approach in order to achieve faster release cycles.

IBM® Engineering Workflow Management facilitates individuals and teams to collaborate to build better software and systems by aligning development environments. The tool provides an all-in-one common platform where the user can manage workspaces and software version control more effectively whilst facilitating development support.

Available in the cloud or on premise, IBM® Engineering Workflow Management unifies work teams to allow them to work faster and smarter, on the right task, by linking plans with software development. Project reporting is simplified and automated to provide a 'single source of truth' throughout internal and external environments.



- Promotes consistent processes which improves overall software and systems quality.
- Improves productivity and flexibility with an open standard-based platform.
- Improves real-time collaboration for distributed project teams.
- Gives teams a greater level of transparency with health information and status transparency.
- Offers integrated source control, work item and build capabilities.
- Automates configuration management, traceability and reuse.

## VALUE THROUGH SYNTHESYS

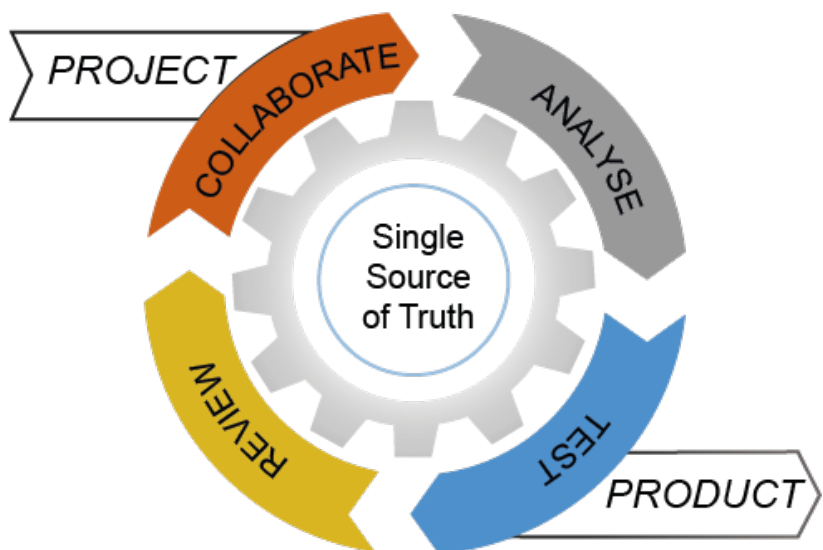
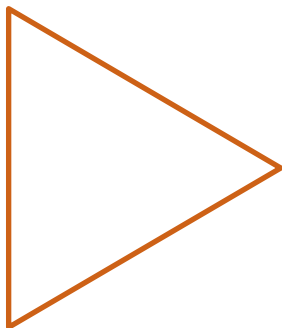
We specialise in tool-supported systems engineering – providing our Customers with affordable systems engineering tools to increase their efficiency and effectiveness in delivering solutions to their Customers.

As an IBM® Gold Business Partner, SyntheSys provides a unique blend of application knowledge, experience and a flexible delivery mechanism, which provides Customers with the right software solution and a deeper understanding of the tools to ensure maximum benefit.

SyntheSys' Collaborative Engineering Management approach will enable you deliver the best-in-class products and drive down associated quality costs by ensuring that quality procedures and tests are executed at every stage of the engineering development life cycle.

Our ability to work with IBM® to distribute Engineering Lifecycle Management software is built on a firm foundation of industry know-how and extensive knowledge of the Engineering tools which enables us to distribute the tools in a value-added way. Our services offering stretches much further than the deployment of technology.

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Business  
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### About SyntheSys

SyntheSys provides defence systems, training, systems and software engineering and technical management services over a spectrum of different industry sectors. Along with distinct support and consultancy services, our innovative product range makes us first choice provider for both large and small organisations. Established in 1988, the company focus is on fusing technical expertise with intuitive software applications to solve common industry challenges.

