

Real-time Lean with digital process automation

For efficient manufacturing innovation and operations

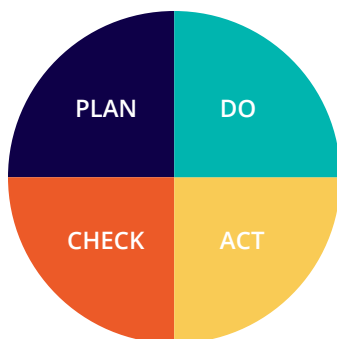
A Pega Manufacturing Datasheet

Manufacturers need cutting-edge tools to quickly offer more efficient ways to get work done with less waste, better cost efficiency, and consistently predictable results.

To deliver these benefits they need to have complete control of their processes – from innovation, to implementation, to execution. Only with Pega’s digital process automation are manufacturers able to digitize and automate their value streams, orchestrating all phases of end-to-end internally or externally managed manufacturing workflows. Eliminating silos across functional areas provides unprecedented process innovation and efficiency for the manufacturer and their suppliers, partners, and customers. These advancements don’t replace Lean methodologies – they accelerate them.

Continuous Lean efficiency with Pega

- **PLAN:** Process efficiency in planning and deploying innovations
- **DO:** Process efficiency in automated execution
- **CHECK:** Process efficiency in process monitoring and improvement
- **ACT:** Adjust process efficiency through re-use and specialization



Challenge

Manufacturers face enormous challenges driving digital transformation. The objectives of Lean, focusing on value-added work, are even more compelling in the digital era. Yet, most experts estimate 90% of Lean initiatives fail. Organizations are plagued with waste, siloes, and legacy systems that are slow and costly. How can you avoid becoming another statistic? How can you innovate and adapt more quickly?

Solution

Operational excellence requires agility to accelerate innovation and evolve processes as quickly as your customers demand.

Lean today requires a digital platform to capture business requirements, change processes and rules, and test and go live online in days or weeks – not months or years. You need an execution engine to orchestrate, automate, and monitor work in real time, to improve the flow of value.

Lean is a key strategic enabler to continuous digital innovation

As organizations begin to grasp the unique threats and opportunities digital transformation presents, there will be great rewards for those who can change, innovate, and transform better than the competition to meet the demands of tomorrow's digital customer. Let Pega show you how to accelerate your Lean manufacturing journey and digital transformation – starting now.

With Pega you can:

- Simplify, streamline, and automate key business processes to increase efficiency, minimize errors, adhere to regulations, and deliver better customer and employee experiences with **end-to-end automation and robotics**. This empowers you to bring together the people, processes, data, and technology to deliver key business outcomes quickly.
- Improve and optimize the business to deliver better results: increased productivity, quality, customer satisfaction, compliance, and cost effectiveness with **real-time omni-channel AI**.
- Provide faster time-to-value and return on operational excellence efforts. Also reduce waste and effort by adopting an agile approach and faster deployments with **journey-centric rapid delivery**.
- Standardize and optimize processes across products, business units, and regions, while allowing for **specialization** where needed. Introduce substantive efficiencies through **re-use** of no-code assets (case types, processes, decisions, UI).
- Reduce waste in redundant and siloed legacy applications – reduce errors and improve speed and flexibility with **Cloud Choice**. Pega's "As-A-Service" capabilities are built for the enterprise, with the flexibility to run in the cloud or within an on-premises architecture. Satisfy security and data residency requirements, while ensuring they can easily connect to legacy systems and on-premise data.

Learn more:

- Discover how manufacturing and high-tech enterprises are [optimizing operations and delivering spectacular service](#) with Pega.
- Read how a leading global auto manufacturer [automated quality inspection and monitoring](#).
- Download Forrester's "[The Growing Importance of Process to Digital Transformation](#)" to learn how process initiatives increasingly focus on digital transformation – and the approaches organizations are taking to accomplish their new goals.
- See how to [transform your quality management processes](#) to deliver value faster and digitize value streams from end to end.
- Read our recent blog to learn: [Is Lean still relevant in the Digital Age?](#)
- Watch this short video to learn how to [transform your manufacturing operations with Pega](#).