



Rethinking ERP modernization for Manufacturing

Collaborate and deliver results
with business-value-focused
agile development – all on a
low-code platform

The problem isn't that manufacturers have too many legacy ERP systems. It's that these systems weren't built to provide the insight, support, and evolution needed to fulfill your company's objectives. Manufacturers need a low-risk way to leverage ERP investments, improve operations, and collaborate – all to drive outcomes. A truly future-proof platform is agile and scalable through low-code development and end-to-end automation.

The current state of manufacturing systems

Manufacturers are in a dynamic period of change, creating more pressure than ever to drive new revenue and streamline and simplify their operations. They struggle to modernize legacy ERP systems while executing on their strategic goals and objectives. They need to be innovative and agile to better serve their customers, employees, suppliers, and other key stakeholders, and quickly respond to ongoing business changes.

Leaders are accountable to improve operating margins and ensure every dollar spent contributes to immediate needs, but they must also build a foundation to support the future. They must manage the complexity of data siloes created from decades of tailored solutions that required customization, all while facing ever-increasing expectations around growth and efficiency.

Why business-value-focused development matters

No organization can afford to continue to spend over 70% of its technology budget stuck in maintenance and support mode, leaving only the remaining 30% to growth and transformation. So how can manufacturers successfully modernize their investments for the long haul?

Put your current systems to work

Manufacturers have spent millions of dollars on legacy system implementations at different times, for different purposes. Over time, this has led to complicated, incompatible systems and data silos. As business becomes more interconnected, these systems prove expensive to maintain and require manual intervention for even the simplest tasks.

The solution? Leveraging existing investments by wrapping and renewing legacy ERP applications with a unified, low-code platform. This not only extends the life and usability of the current system but doesn't require costly customization. Seamless integration negates the need for data migration or replication, providing visibility into operations and decision making. And with the flexibility that comes from this agility layer, the legacy system can finally work the way in which it was intended.

Improving visibility

Manufacturers need the ability to provide operational, customer, supplier, and financial information reliably and on time.

By using a low-code platform, operations, supply chain, quality, and finance teams can build applications that capture key objectives of resolution tracking and risk management. Integrations ensure that data and documentation won't be moved or deleted, allowing for full auditability without incremental risk. A unified platform provides visibility into processes, allowing leaders to identify and address pain points.

“Siemens came to the conclusion that Pega was the best integrated solution in the market.”

– Koen Gilhuis, Service Owner, Global Master Data Management, Siemens

Streamline processes and crush IT complexity


Business and IT must come together to execute their objectives efficiently. Inquiries, claims, and applications need to be accessible in multiple ways, in real time, without delays for batch processing or the next available representative navigating multiple systems.

By automating processes with outcomes in mind, operations and supply chain leaders maintain a complete view of work in progress – enabling full control. Utilizing DevOps and other agile methods, manufacturers can retire costly, outdated systems while retaining enterprise-wide components and processes for reuse. Adding this agility layer also allows for specialization where necessary. Collaborative business-IT tools and processes mean that configuration designs may be shared across the organization within a common application library to increase reuse and expand interoperability.

Future-proofing your business and building for change

Recruiting talent to support tomorrow's objectives means competing with other organizations and their advanced tools and technologies. Legacy software wasn't built for the collaboration and ease of use necessary to engage today's employees. Many manufacturing employees have long careers in the industry, necessitating systems that provide consistency and interoperability as roles and responsibilities evolve.

Manufacturers need solutions that can bridge across business units, people, products, data, processes, and functional silos, providing an integrated end-to-end view of the value stream and driving business outcomes.



“ We had about twelve workflow systems across the company... Pega helps us enormously to connect the different dots between the different systems. That's of course a critical customer benefit which we see not only from an IT perspective, but most importantly for our users across the globe.”

– Dr. Helmuth Ludwig
Chief Information Officer, Siemens

Siemens modernizes with Pega

SIEMENS

To maintain control, transparency, and efficiency over its global digital transformation efforts, offer the necessary flexibility, and tackle increased complexity, Siemens needed to ensure a global standardization approach – while being able to adapt to local requirements on a single, unified platform.

Siemens implemented Pega as a standard platform for workflow and digital case management. The platform enables Siemens to drive and control global end-to-end digitization from a central point, while enabling users to build their own applications to digitize complex and dynamic processes based on their country- and business-specific needs.

The Pega Platform approach has generated major performance lifts for Siemens, including:

- 80-90% savings in time
- 1/10 the cost at 10 times the speed – infinite scalability
- Roll-out of changes in one week and easier implementations
- Global consistency and reduced complexity

Learn More



**Start your
modernization
journey today.**

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