



Bridging the Gaps Boosting PLM capabilities with Low-code

Using Low-code to
Maximize PLM
functionalities for Faster
Product Launches and
Streamlined PLM
Operations



Unlocking Agility and Efficiency in Manufacturing through PLM and Low-Code



The competitive advantage that PLM systems seek today

In today's era of rapid innovation, manufacturers are under constant pressure to deliver diverse and innovative products at an accelerated pace. While a robust Product Lifecycle Management (PLM) system streamlines product development, true agility and efficiency require extending its capabilities by integrating it with core enterprise systems and adding custom functionalities, automating workflows, and enabling real-time insights.

Research highlights that a truly extended PLM systems can boost early revenue by 20-30%, reduce development costs by 10-15%, and enable large-scale customization, offering a significant competitive edge in the market.

Low-code : A promising solution to bring in extensibility to PLM systems

However, product teams often face challenges accessing relevant data and tailoring workflows due to the complexity of navigating siloed systems like PLM, ERP, MES, and CRM.



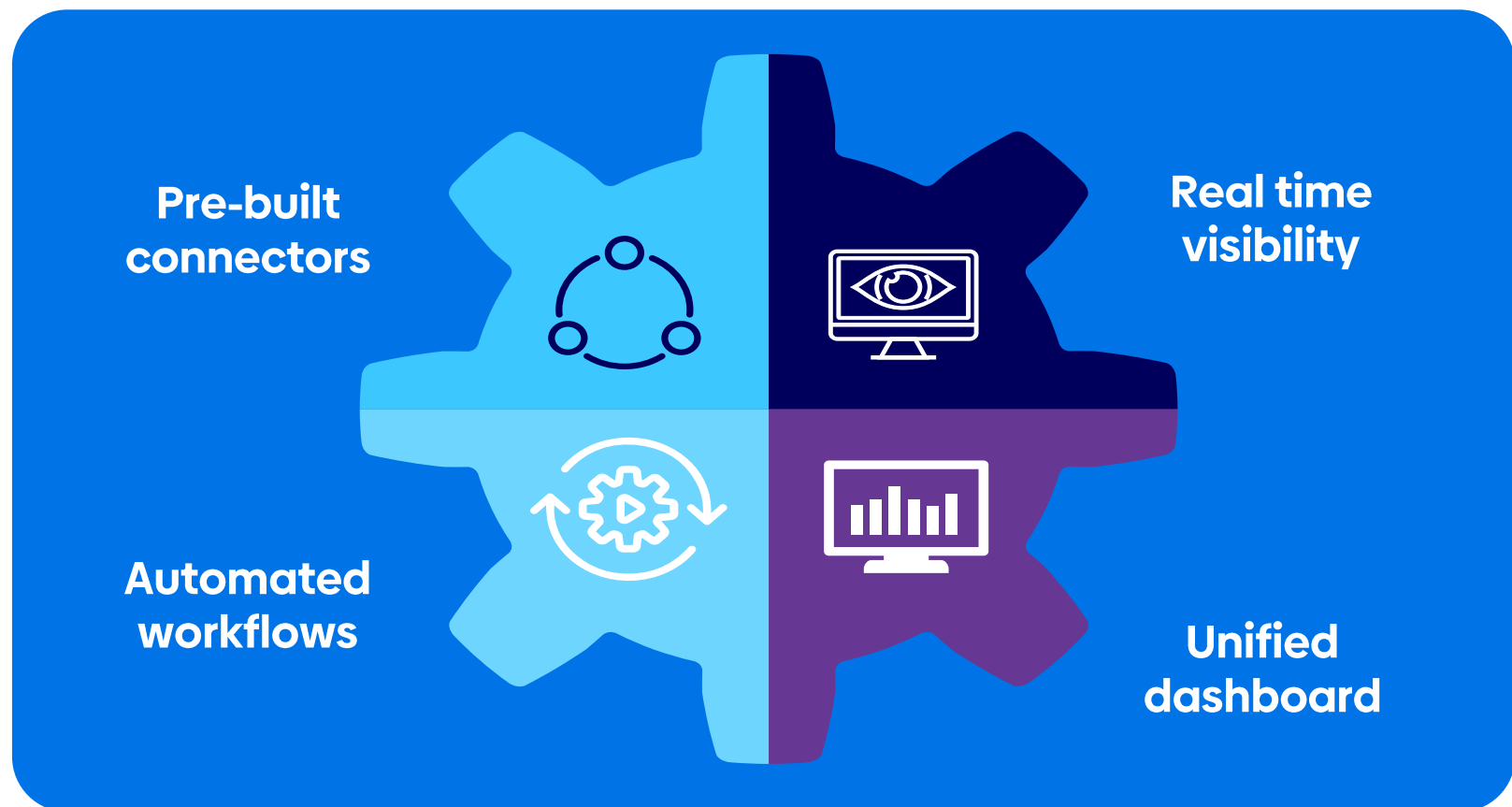
This process is inefficient and unsustainable. Teams need quick, custom solutions that unify data access across systems, enabling faster responses to market demands and driving innovation.

Instead of overwhelming IT teams with traditional custom coding on PLM, low-code platforms can be used to extend the PLM solution in quick time. By leveraging low-code solutions, PLM systems can seamlessly integrate with core enterprise systems.

Low-code applications can enable unified product lifecycle views, aligning development, sales, and manufacturing functions to accelerate time to market, enhance operational efficiency, and drive innovation across the business. Such customized applications can be built on top of PLM systems using all purpose low - code platforms like Pega, Mendix, Appian, Outsystems. or more.

Extending PLM using low-code

Extending PLM capabilities with low-code platforms allows organizations to rapidly build tailored features and applications that address specific product lifecycle needs. Low-code's visual, model-driven development empowers teams—business users, citizen developers, and experts alike—to build applications that seamlessly integrate with PLM and enterprise systems like ERP, CRM, and MES, ensuring real-time capture and sharing of critical product data.

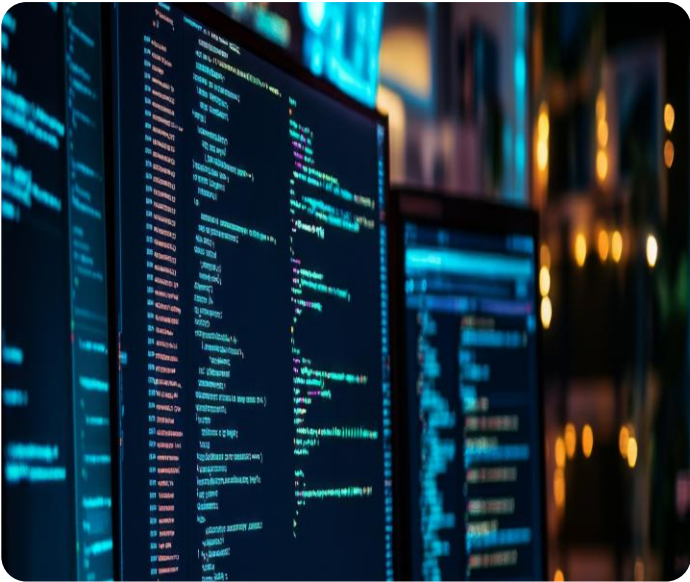


- Using **pre-built connectors**, teams can quickly link PLM to other systems, facilitating data access across departments
- **Automated workflows** specific to PLM processes—such as design approvals, change requests, or compliance tracking—can be easily configured to ensure timely, accurate data exchange throughout the product lifecycle.
- **Unified dashboards**, tailored to product development milestones, provide real-time visibility into key metrics, helping teams optimize production schedules, and respond swiftly to market changes

Thus Low-code platforms enable users to customize PLM functionalities without deep technical knowledge, making it easier to tailor solutions to specific industry or organizational needs. By utilizing this approach, businesses can effectively extend their PLM capabilities, driving efficiency, improving collaboration, and customize their product development process to the specific needs of the market.



Business Benefits



Extending PLM functionality with low-code apps enables real-time visibility into product design and engineering updates to product teams. Easy access to critical data like changes in product configuration ensures faster decision making across R&D, manufacturing, and supply chain teams.

This speeds up engineering change releases, shortening development cycles, and reducing lead times making the product life-cycle faster. Creating apps to automate key tasks like approvals, version control, and compliance checks reduces manual handoffs, minimizes errors, and optimizes resources, lowering operational costs.

The flexibility of low-code solutions empowers teams to implement innovative features, such as custom dashboards or automated reporting tools,. It also enables faster adaptation to market changes, like adjusting product designs based on evolving customer needs or regulatory updates, while supporting continuous improvement and maintaining a competitive edge.



**Accelerated
time to market**



**Reduced
Operational Costs**



**Customization
at scale**



**Innovative
features**



**Increased
Productivity**

For more information, mail us: dl-low-code@atos.net



About Atos

Atos is a global leader in digital transformation with 112,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

Learn more at: atos.net

Atos