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SIEMENS PLM FOR COMPONENT MANUFACTURERS

Boost production with an integrated SaaS PLM solution

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Component manufacturers face significant challenges in a volatile market. Recent years have taken us through recessions and a global pandemic, all of which have impacted supply chains. Such unpredictability means that companies must adapt to a new reality.

It seems clear that supply chain disruption is here to stay. However, many smaller manufacturers lack visibility and are unable to see these disruptions coming in advance. They can only react when problems arise, leaving them on the defensive.

The material shortages that result from such disruptions often mean that companies cannot keep up with demand or manage to pivot production to deal with customer changes in real time.

Furthermore, new competitors, in particular web-based manufacturing companies, and large enterprises are taking advantage of digital technology to offer customers rapid prototypes and on-demand production parts. This allows them to collaborate to get things built faster, better, and cheaper and leaves small component manufacturers at risk of losing market share.

Finally, of particular concern is a highly competitive labor market. Today's employees have higher expectations of remote work and access to advanced technologies. To accommodate these requests, and continue to compete for top talent, companies must find new solutions to ensure their teams can collaborate wherever they are, with only limited IT support.

As a smaller component manufacturer you need a fast and flexible process to manage an increasingly unstable market, material shortages, and disruptions that may jeopardize the future of your business.

Do you have the technology you need to connect your teams and tools and offer a new level of collaboration with your customers?

Trends

Trend #1

Unpredictable global dynamics

Trend 2

Explosion of on-demand manufacturing

Trend 3

Rapidly changing workforce



Take control of your production output with an integrated PLM solution

Now, more than ever, you must deliver projects faster and with improved quality. However, inefficient program management, reliance on manual processes, and disconnected systems make collaboration more difficult and create longer lead times, slower order turnaround, and inconsistent product quality.

Increasing connection and collaboration, is at the core of digitalization, yet many tools and processes have not kept pace with the rising demand for collaboration meaning many teams, suppliers, and customers continue to work in isolated silos. Without the tools to help connect core teams, companies struggle to communicate across the supply chain consistently. The resulting miscommunications and disruptions slow down production and can prevent you from adopting innovations that will enable you to keep pace with evolving customer demands.

To compete with web-based manufacturers, you need to increase collaboration and communication with customers to manage multiple, complex production schedules and deliver on expectations.

Adopting an automated approach for moving orders to manufacturing release allows you to speed up order turnaround and improve your ability to collect and reuse valuable data. The ability to streamline the reuse of previous configurations and BOMs is key to saving time, increasing quality, and reducing costs to give you an edge over your competitors.

By improving collaboration across the entire supply chain and eliminating reliance on manual processes and systems, component manufacturers have an opportunity to expand production output through standardized processes to get control of critical project data. This will enable you to respond better to customer demand for rapid prototyping and reduce product lifecycles.

Adopting a fully integrated cloud-based SaaS product lifecycle management system can help companies overcome increasing design complexity and open the door for greater innovation and growth in the future.





Get control of your product data to protect your business. Choose Siemens' out-of-the-box PLM solution that allows you to quickly adapt to volatility and scale.

Streamline your processes to stay flexible

PLM for Component Manufacturers is a Teamcenter X industry solution that boosts your core teams' collaboration, enabling the sharing and reuse of product data to improve workflow efficiencies. By streamlining how you engage with your supply chain you can accelerate innovation and build trust. Siemens' out-of-the-box cloud SaaS PLM solution allows you to reduce engineering rework by providing improved traceability from product definition documents through to CAD models. This speeds up the process of implementing customer changes, making you more agile. As all information is connected and accessible to everybody in the organization, wherever they are, your teams can be sure they are always working with the latest designs to reduce errors. Thanks to a simplified user interface, all stakeholders can track deliverables to keep projects moving, without the need for costly, time-consuming training. All documents are collected in a centralized repository to reduce the IT burden on staff and eliminate time wasted time searching for documentation.

The preconfigured workflows and standardized processes increase your ability to reuse information, smoothing the transition from customer request for quote (RFQ) to manufacturing. Streamlining your processes in this way accelerates the release process to better manage concurrent orders, improve quality, and speed up product launches.

Being able to leverage one single source of truth across your organization and extend it throughout your supply chain improves collaboration and connects your globally distributed teams. With real-time communication, you can adapt to any supply chain disruption earlier and improve transparency to build trust with suppliers and customers.

As a part of the Xcelerator portfolio, our scalable, industry specific PLM solution offers peace of mind for small businesses as Siemens takes care of system administration and upgrades. SaaS delivery enables you to get up and running from day one and reduces the cost of ownership to speed up time to value.

Siemens' PLM for Component Manufacturers enables you to:

- Standardize and automate processes for faster turnaround
- Streamline the reuse of previous configurations and bills of material (BOMs) to manage multiple orders at the same time
- Align manufacturing and engineering teams to increase product quality
- Boost real-time global user communication with cloud-based technology
- Improve data tracking for improved regulatory compliance

About Siemens' PLM for Component Manufacturers

PLM for Component Manufacturers is a Teamcenter X Industry Solution that offers a fully integrated PLM solution for small to medium component manufacturers to compete in a volatile market. By leveraging a data backbone companies can increase collaboration, enabling the sharing and reuse of product data to improve workflow efficiencies. Real-time communication enables companies to streamline how they engage with their supply chain to accelerate innovation and build trust.

Taking advantage of PLM for Component Manufacturers' preconfigured areas, companies can accelerate product launches, improve program management, and smooth the transition from order to manufacturing. Additionally, selecting SaaS delivery of the solution enables SMBs to get up and running quickly while reducing the IT burden.

For more information on Siemens' PLM for Component Manufacturers, visit [siemens.com/plmcm](https://www.siemens.com/plmcm) or follow us on [LinkedIn](#) and [Twitter](#).

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Americas:	+1 314 264 8499
EMEA:	+44 (0) 1276 413200
Asia-Pacific:	+852 2230 3333

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