



**DIGITAL INDUSTRIES SOFTWARE**

# Enhance supply chain management with real-time data

Driving agility, reducing cycle times and maintaining a proactive stance  
to streamline supply chain dynamics

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# Securely collaborate

Given the increasing demand for high-quality products delivered in a timely fashion and the growing complexity of supply chains, it is no surprise one of the keys to success in today's business landscape is having up-to-date information. The cost of operating with outdated data results in hours of work, which translates into significant financial losses for the business. Having access to real-time information is the solution that can save millions of dollars. Enhancing sourcing efficiency and expediting data exchange creates a competitive edge that moves businesses ahead.

According to a third-party survey commissioned by Siemens Digital Industries Software, there is a lack of collaboration when setting boundaries around data. In fact, only 16 percent of large companies have minimal collaboration between engineering and procurement. Setting boundaries around data with external users ensures everyone operates within a framework of the latest, most reliable information. An integrated environment creates a cohesive ecosystem that safeguards sensitive data while optimizing supplier relationships. Visibility, supplier performance and collaboration can be increased, avoiding revenue-draining shortages. Businesses are now realizing the advantages of having real-time visibility into data.



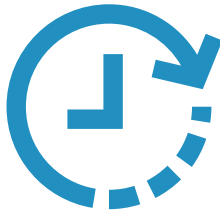
# Accelerate digital transformation

You can use digitalization to reshape your manufacturing landscape. With the rapid pace of supply chain dynamics, the goal is to drive agility, reduce cycle times and maintain a proactive stance in the evolving marketplace. An integrated solution to supply chain management can enhance sourcing and expedite data exchanges, propelling your business to success in a highly competitive environment while remaining compliant with sustainability standards.

## How can you create a cohesive supply chain management ecosystem that delivers high-quality, sustainable products faster?

Create a supply chain management ecosystem and avoid these challenges:

- **Time-consuming processes:** Manage a large volume of globally dispersed suppliers
- **Inaccurate data:** Manufactures that work on outdated information increase risks, leading to expensive and late design changes
- **Poor communication:** The most significant factor in extending product development time is the lack of consistent communication and collaboration
- **Limited access:** Suppliers having poor access to product information
- **Intellectual property risks:** Potential loss of sensitive data
- **Regulatory compliance:** Difficulty in meeting regulatory, sustainability or information technology (IT) compliance standards
- **Dissimilar systems:** Overhead from managing different systems, requiring significant resources for training
- **Visibility issues:** Inability to see parts at the design phase, leading to reduced visibility of real-time component sourcing data and noncompliant parts, creating shortages



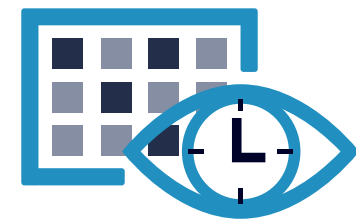
# Siemens supply chain management solutions

Prioritizing cost and adopting a digital twin/digital thread approach can help quickly identify resilient, low-cost suppliers at the design phase with the bill-of-materials (BOM), eliminating the need for separate systems. A strategic approach driven by enhanced visibility into component lead times and inventory can increase profitability and optimize costs while running enterprise-level procurement scenarios.

## Integrated product lifecycle management

An integrated product lifecycle management (PLM) approach consolidates information in a single, secure framework that is accessible to the entire enterprise.

- **Use Teamcenter® Vendor Management software to manage suppliers and parts:** Have a central location for supplier information, with full visibility for all stakeholders – streamlining onboarding and updates
- **Integrate partners and suppliers with Teamcenter Partner Connect:** Manage time-bound contracts, ensuring data confidentiality. Provide suppliers with access to product development data
- **Achieve supply chain visibility with Teamcenter Supplier Connect:** Track supplier information and maintain traceability due to contractual and legal obligations and collaborate globally with authorized suppliers





### Leverage digital intelligence

Leveraging powerful outside-in intelligence prepares your organization for what is next. From ideation to manufacturing, Supplyframe™ DSI platform, a design-to-source intelligence (DSI) solution, which is part of the Siemens Xcelerator business platform of software, hardware and services, empowers engineers and teams with comprehensive, always-on component sourcing data, enabling more informed decision-making. Early partner/supplier involvement throughout the product lifecycle allows teams to expedite time-to-market, reduce costs and mitigate risks by identifying potential supply chain challenges in advance.

### Enhancing supply chain resilience

- **Proactive risk management:** Streamline sourcing of quality components, ensure optimal timing, quantity and cost-effectiveness
- **Risk mitigation:** Proactively manage risks such as supplier disruptions, geopolitical events and market fluctuations, ensuring continuity of supply
- **Real-time market cost alternates:** Being aware of past commodity costs and the forecast for the next six months

Siemens Digital Industries Software's integrated supply chain management solutions, part of Siemens Xcelerator, offer leading tools that shorten the time required to share information with offline suppliers. It is easy to use for supplier interaction, cloud-ready and efficient, providing solutions that help businesses accelerate innovation and stay competitive in the ever-evolving market.



**Siemens Digital Industries Software** helps organizations of all sizes digitally transform using software, hardware and services from the Siemens Xcelerator business platform. Siemens' software and the comprehensive digital twin enable companies to optimize their design, engineering and manufacturing processes to turn today's ideas into the sustainable products of the future. From chips to entire systems, from product to process, across all industries, [Siemens Digital Industries Software](#) – Accelerating transformation.

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