



THE SOURCING HUB: GET YOUR PRODUCT DATA TO WORK FOR YOU



THE SOURCING HUB: GET YOUR PRODUCT DATA TO WORK FOR YOU

When it comes to electronics and high-tech products, speed and innovation are paramount. Products need to get to the market faster and stand out from the competition through innovation.

To accomplish these mission-critical goals requires a strategic balance across the product lifecycle—and at the center of it all is your Sourcing Team. They are the link between suppliers and buyers, ensuring parts, inventory, and products flow to where they are needed. When this link breaks, disastrous bottlenecks can result.

SOURCING PROFESSIONALS PLAY A KEY ROLE IN:

- 1 Sourcing raw materials and components to make products
- 2 Reducing costs while supporting product quality
- 3 Lowering product footprints
- 4 Meeting compliance with governmental regulations
- 5 Driving collaboration within internal teams and suppliers/partners

The modern, global supply chain is volatile—trade wars, geopolitical unrest, tariffs, competition, and more—and high-tech companies must meet this uncertainty with strategic planning and agility. At many high-tech companies, sourcing professionals have both external pressures and internal challenges.

INTERNAL CHALLENGES

- Siloed homegrown systems for product data
- Poor collaboration across internal silos and with suppliers/partners, coupled with lack of automation
- Third-party tool integrations needed (ECAD tools, libraries, specialized tools)



MARKET CHALLENGES

- Pressure to reduce time to market and drive innovation
- High competition for best prices
- Volatile and dynamic supply chains
- New and increasing regulations and standards

WHILE MARKET CHALLENGES ARE OUT OF THE SOURCING TEAM'S CONTROL, THEY NEED TO BUILD SYSTEMS, PROCESSES, AND RELATIONSHIPS TO RESPOND TO SUPPLY CHAIN CONDITIONS.

8%



of companies' supply chain champions have successfully transformed to meet disruptive trends.



MODERNIZING YOUR SUPPLY CHAIN

Your company's products and IP are the lifeblood of your organization. People, businesses, infrastructure, and more rely on your products. And for the company, customer loyalty and satisfaction, brand reputation, revenue all depend on your products.

That's why modernizing your supply chain needs to start with getting a strong handle on your product data.

For many high-tech companies, data is everywhere in a variety of systems (ERP, MES, homegrown solutions, etc.) and with different teams, which translates to being hard to find, unstructured, and untrustworthy.

With global supply chains, product data needs to be available across products, disciplines, functions, and geographies. Effective data management and change management is necessary to meet the competitive speed of business.

To modernize your supply chain management, product lifecycle management (PLM) plays a critical role, providing centralized data management, integration with other systems, visibility into the product lifecycle, robust change management, collaboration and communication tools, analytics and insights, traceability, and compliance management capabilities.

As the source of truth, PLM becomes the trusted place for up-to-date information and the history of your product—increasingly important for traceability and compliance.



BREAK DOWN SILOS

- **BOM MANAGEMENT:** Capture, configure, and manage product data developed throughout the lifecycle of a product.
- **PART-CENTRIC APPROACH:** Adopting a [parts-centric approach](#) to managing the bill of materials, teams can foster collaboration from the point of product conception through manufacturing, device connectivity, and service.
- **END-TO-END VISIBILITY:** Suppliers, internal users, partners, and contract manufacturers collaborate on contract-driven programs with automated notifications.



ENABLE COLLABORATION AND SECURE COMMUNICATION

- **CONCURRENT WORK:** Enable sourcing teams and other enterprise stakeholders to work concurrently with strategic partners, collaborate, and address issues before production begins, resulting in time and expense savings with a higher quality product.
- **SUPPLIER COLLABORATION:** Sourcing teams can share design data securely and deliverables tracked to multiple projects around the globe, including the automation of NPI, change, and quality processes.
- **SECURITY AND IP PROTECTION:** Securely collaborate and manage IP protection with access control rules, security tracking, and authentication mechanisms.



INTEGRATE SOLUTIONS FOR ENHANCED VISIBILITY

- **PLM-ERP INTEGRATION:** Sourcing teams get early visibility so they can source components (and other purchases) and ensure manufacturing readiness (i.e., BOM accuracy for product purposes).
- **AUTOMATED INTEGRATIONS AND ORCHESTRATION:** Standards-based data exchange between enterprise systems, linking and tracing to ERP, CRM, requirements connector based on OSLC, and more.
- **MANAGE REQUIREMENTS ACROSS THE PRODUCT LIFECYCLE:** With an ALM and PLM integration, product teams align around common objectives to ensure traceability, support compliance, and drive product development efficiency.



MODERN PLM WITH PTC

For 40 years, PTC has consistently innovated in the product development space. Managing product data is in our DNA; our portfolio of software solutions enables data management throughout a product's lifecycle.

With current events making supply chains unpredictable, high-tech companies are leaning on sourcing teams to be agile, collaborate fully, communicate effectively, and ensure delivery of what's needed on time.

PTC has worked with some of the most successful and influential high-tech companies in the world as partners in their digital transformation. With PTC Windchill—**widely regarded** as the leading PLM solution—you can get your digital house in order, which lays the groundwork for reducing time to market, responding to changing supply chains, and leveraging AI innovations.

REQUEST A VALUE ASSESSMENT

Let us guide you in developing a path that will yield the most rewards for your organization by first understanding your business, value drivers, and challenges. Then, together, come up with an assessment that aligns with your business goals.

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