



Digitally transforming data and processes with product lifecycle management

See how leading manufacturers are getting to market faster while improving product quality and profitability



PLM customer success stories

Aclara Technologies

See what it took for smart infrastructure solution manufacturer Aclara Technologies to scale their business far beyond their home facility in Missouri to become a global provider.

Chamberlin & Hill Castings

Learn how the leading UK cast iron foundry automated their complex manufacturing process to eliminate errors and reduce costs.

NovaCentrix

Get an inside look at how next-gen printed electronics expert NovaCentrix centralized their quality control data and processes, reducing their production waste by over 80% every month.

Spirax Sarco

See how global steam management systems manufacturer Spirax Sarco gained control of their extensive product range by embracing a transparent, agile development process.

Aclara Technologies

Streamlining new product introduction with Autodesk PLM

Aclara Technologies supplies more than 780 global water, gas, and electric utilities with smart infrastructure solutions that allow them to predict and quickly respond to all conditions. Booming business has allowed them to scale far beyond their home facility in Missouri, opening locations in Spain and the UK.

Reducing cost and risk

With growth came the complicated challenges of managing new product introduction (NPI) processes and corresponding data management risks. In addition, their reliance on an on-premises product lifecycle management system became untenable with their global expansion. The expense of maintaining and supporting hardware, managing continuous software upgrades, and installing security patches became too costly. Moving to a cloud-based system elevated PLM beyond nice-to-have to essential.



Getting everyone on the same page

After quickly getting Autodesk PLM up and running, Aclara immediately saw more secure design processes, reduced risks, and lower costs. Improved collaboration and visibility across the supply chain team allowed stakeholders to oversee and manage the entire product lifecycle, preventing bottlenecks and potential errors. The implementation of Autodesk PLM brought all the moving parts of product development together into a single, integrated view, along with a slew of additional benefits.

How Aclara benefits from PLM

- 01** Improved collaboration with globally dispersed team
- 02** Eliminated process blind spots
- 03** Simplified workflows
- 04** Real-time data updates
- 05** More informed decision-making

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We wanted a **cloud-based solution** to eliminate the on-premises hardware maintenance and **reduce the costs** and time associated with implementing system upgrades. This solution reduced our overall costs while being able to take advantage of the newest improvements **without the cost and time to implement them.**”

Doug Frey, Quality Assurance Manager, Aclara Technologies, LLC

Chamberlin & Hill Castings

Taking control of process management with Autodesk PLM

A leading manufacturer of steel castings and precision components, Chamberlin & Hill Castings creates parts used in turbochargers, hydraulic pumps, and power steering systems for the automotive industry. They use highly skilled manufacturing methods to produce castings up to 40kg, often with complex shapes and fine tolerances.

Taking the wheel

Beyond the automotive space, they also produce an expansive range of metal casting components for aerospace, civil, hydraulic, and general engineering industries requiring countless teams working on projects spread across two foundry divisions and two engineering divisions.

Because of this, Chamberlin & Hill Castings was looking to gain better control of their complicated BOM workspaces and change management processes.

Improving operational efficiency

Chamberlin & Hill Castings quickly implemented Autodesk PLM across departments and immediately saw improvement in process management. With Autodesk PLM, all stakeholders gained a shared view of their entire product ecosystem and brought several processes into efficient focus.

How Chamberlin & Hill Castings benefits from PLM

- 01** Better handling of sales inquiries
- 02** Improved change management
- 03** Streamlined administrative workflows
- 04** Fewer design & manufacturing errors
- 05** Reduction of non-value-added processes

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Easy and **user-friendly system**
that we could administrate
and implement ourselves.”

Robert Heyworth, Lead Engineer, Chamberlin & Hill
Castings, LLC

NovaCentrix

Creating better products with more product development agility through Autodesk PLM

Based in Austin, Texas, NovaCentrix has been the go-to expert in next-gen printed electronics for over twenty years, specializing in creating conductive inks, nanopowders, and photonic curing solutions for the thin film technological market.

Growth under pressure

As a rapidly growing company, NovaCentrix was looking for better, uninterrupted control and monitoring of its systems so they could maintain the same level of quality under increased demand.

The uptick in business also required more robust oversight of their supply chain and change management to help maintain and even improve upon the excellent service and product quality their customers expect from NovaCentrix.

NOVA CENTRIX
PulseForge 1200
PHOTONIC CURING SYSTEM

Ensuring quality with PLM

With the adoption of Autodesk PLM, NovaCentrix gained the ability to closely track their processes and centralize quality control data. With PDM and PLM, they would receive notifications when changes in their system would occur in real-time, without lag or added lead time.

How NovaCentrix benefits from PLM

- 01** Saved receiving & inspection hours
- 02** Decreased lead time
- 03** Increased quality control
- 04** Process efficiency
- 05** Reduced waste by over 80% monthly

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We implemented PLM because **we were rapidly growing. And I suggest that any company making a transition from R&D to production, which is similar to what we did, should implement PLM to **help control their systems better**.”**

Brian Hunter, Quality Control Manager, NovaCentrix

Spirax Sarco

Improving global visibility with product lifecycle management

Based in the UK, Spirax Sarco is a leading global manufacturer of steam management systems, peristaltic pumps, and associated fluid path technologies. They help companies across all industry sectors cut emissions, energy waste, and water use while driving operational reliability and boosting productivity.

Gaining control

The central challenge for Spirax Sarco was the need for better control of their extensive product range, created throughout ten manufacturing sites across the globe. With twelve hundred specialist engineers across teams producing products for twenty-four different industries throughout offices in sixty-two countries, involving countless stakeholders, the need for a transparent and agile development process was critical.

Centralized data. Common process.

By implementing Autodesk PLM, Spirax Sarco has given its quality managers and engineers the ability to more easily collaborate and learn from one another. With a single, easily configured, common process across all their global operations, they can now better focus on high value tasks.

How Spirax Sarco benefits from PLM

- 01** Improving quality
- 02** Identifying corrective actions and non-conformities
- 03** Improving engineering change process
- 04** Addressing technical support queries from around the world

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My favorite feature is the ease with which we can train our core team on how to utilize it.”

Stephen Howse, PLM Program Manager, Spirax Sarco

Digitally transforming data and processes with product lifecycle management

Product development is increasingly more challenging with demands on manufacturers to continuously deliver improved results. Autodesk PLM provides data and process management with the flexibility to start quickly and scale easily. Gain the advantage of connected people, processes, and data with Autodesk PLM and get your products to market faster.

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