



## Product Development Solutions: Collaborate, Innovate, and Accelerate

**Powerful ideas are not enough to grow your business. Successful organizations also need to create, manage, and share product information among teams, geographies, and partners. Some organizations are also aligning product development with business operations to gain new levels of speed and efficiency.**

### Our Capabilities

Boston Engineering delivers the real-world insights to advance your product development systems and harness your innovation capital to improve performance, and make business decisions quickly and confidently. By combining our Product Development Systems Services with our industrial design and engineering consulting, we offer an unmatched end-to-end product development solution.

We partner with you to eliminate immediate pain points and drive a long-term strategy to enhance your product lifecycle management (PLM) capabilities. And we support clients across multi-CAD environments, product development maturity levels, and evolving business requirements.

### Unmatched Breadth and Depth

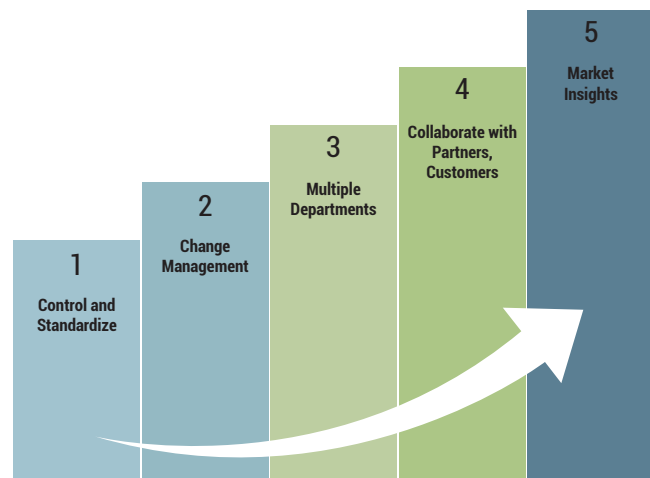
Boston Engineering's PLM solutions align your product development teams, processes, and tools. We also unlock additional value by providing new capabilities without fundamentally changing how your teams work. Our expertise includes front-end PLM applications, mechanical engineering, back-end PLM integration, and business process management.

Additionally, we become trusted partners through collaboration, transparency, clear communication, and detailed reporting that tracks all updates.

### Advance Your PLM Maturity

We base our approach on the Capability Maturity Model Integration (CMMI) process:

- 1. Control and Standardize:** Establish an enforceable production and control process for multi-CAD engineering data.
- 2. Implement Change Management:** Centralize and track multi-CAD data modifications in engineering.
- 3. Incorporate Multiple Departments:** Integrate sales and other functions with PLM, formalize the product feedback process.
- 4. Collaborate with Key Partners, Customers:** Expand PLM beyond your organization to increase productivity and innovation.
- 5. Drive Business Value through Market Insights:** Use feedback from customers, partners, and other constituents to shape business activities rapidly.



## Solutions Overview

Boston Engineering's services include:

### Assess and Plan

- Audit product development business needs
- Evaluate systems infrastructure
- Develop a long-term PLM roadmap

### Onboard and Enhance

- Address short-term pain points (technical and operational)
- Lead data migrations, systems upgrades, and other projects

### Calibrate and Advance

- Revise your PLM roadmap to support evolving organizational priorities
- Continue to mature your PLM capabilities

### Manage and Optimize

- Host PLM systems: on premises and cloud
- Deliver tiered services:
  - Monitor performance with Boston Engineering's Watchtower application for PTC Windchill and PTC Creo/PTC Pro/ENGINEER (Pro/E)
  - Provide 24x7 on-call support and maintenance
  - Tune and maintain PLM systems



## Green Energy Provider Harnesses PLM to Grow Globally

A growing company is developing affordable energy through compact wind turbine products. Boston Engineering enabled the company to implement and expand its engineering processes globally.

Boston Engineering provided the business process strategy to support our client's product generation, management, and change control in multiple formats – CAD, SOLIDWORKS, and Mathcad. Our CMMI-based approach included involving all stakeholder groups in the process and securing their project support.

Using PTC Windchill, the client met its goals for prototype production and installation, and works with Boston Engineering to advance its PLM maturity model as it expands. Today, the client's PLM business process is central to achieving its growth objectives.

## About Boston Engineering

Boston Engineering improves the way that people work and live through innovative product design and novel engineering. We manage the entire product development process – from concept through commercialization. Boston Engineering is the Northeast's largest PTC software reseller and is a ThingWorx partner.

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