Arena Requirements Management
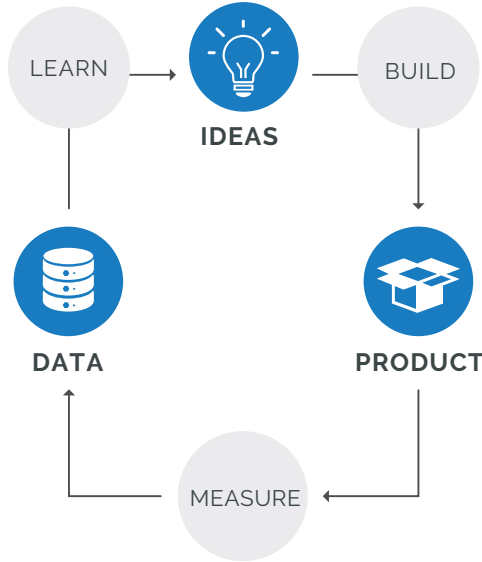## Facilitate New Product Introduction

OVERVIEW

Successful new product introduction (NPI) is the goal of every new product development (NPD) effort—yet too often companies fail at NPI. Complex product companies must excel in all phases of product development to compete in the global market. Distributed teams, limited market windows, and cost pressures all contribute to the challenge of NPI. Compounding the challenge are requirement dependencies that cross mechanical parts, electronics, and software in a complex product.

How does a company succeed? Remove the obstacles that impede collaborative NPI. With Arena Requirements, your product development teams have cross-functional, full product requirements management and validation.

LEARN → IDEAS → BUILD → PRODUCT → MEASURE → DATA

Easy to Use

Arena's matrix configuration facilitates your company's requirements management process, allowing your hardware and software teams to easily author and collaborate on all levels of product requirements, from the voice of the customer or business, down to the lowest-level test requirements.

Smart

Hierarchical relationships provide easy visibility across the product record and requirement types. Teams see upstream and downstream impacts quickly with traceability indicators.

In Control

Whether you practice agile, waterfall, or other development methodologies, requirements change. Arena gives product management and other engineering teams visibility into requirement changes to quickly determine the impact on other aspects of the product realization process.

Connected

For traceability, high-level requirements are connected with the items, BOMs, and specifications, providing visibility into the design inputs and design outputs in one automated system.

KEY BENEFITS	ARENA REQUIREMENTS LETS YOU
✓ **Speeds Delivery of Higher-Quality Products**	• Support collaborative, lean, and agile product introduction (NPI) processes with faster iterations and more fluid requirements • Manage design, safety, environmental, test, and other requirements in one system with the product record • Use built-in impact analysis of requirement changes to address downstream impact early, avoiding late surprises that can debilitate a development project • Report on traceability and coverage for better visibility of requirement and test coverage • Prevent feature creep by ensuring all requirements are driven by business needs
✓ **Simplifies Product Traceability**	• Understand product requirements to fulfill functional, safety, regulatory, and other needs • Link design inputs with design outputs for complete traceability • Easily track project progress and manage deliverables with our trace matrix
✓ **Improves Team Collaboration**	• Make requirements, as well as their status and changes, instantly available to the product team • Include the entire team in requirements processes • Lower the risk of errors and miscommunication

REQUIREMENTS MANAGEMENT SIMPLIFIED

With Arena Requirements Management, it's easy to increase your NPI success and deliver higher-quality products, faster. Ensuring product requirements are met early helps you innovate and satisfy customers.

To start using Arena Requirements for your next NPI, contact arena-sales@ptc.com.