

PRACTICE OVERVIEW

Managing Change in Manufacturing

The Challenge: Managing Change and Complexity

In today's manufacturing marketplace, being built to last means being built to change. To succeed in an increasingly global economy, manufacturers must be able to respond effectively to quickly shifting customer requirements, rapidly evolving technologies, newly emerging markets, and changing competitive and regulatory landscapes.

An exponentially increasing rate of new product introductions and a move to custom configured, build-to-order products are two results of manufacturers' efforts to meet the needs of a swiftly evolving marketplace. But the software systems many manufacturers use to support the design, manufacture, and service of their products often have difficulty keeping pace with the level of product change and complexity that these business processes require.

Customized legacy systems are often costly and time consuming to adapt to new business requirements. New commercial products, particularly enterprise packages such as ERP and CRM suites, often require that a manufacturer change its business processes to conform to the software, and raise the specter of long deployment and ROI horizons.

The Solution: Creating Adaptive Applications

Trigent understands that a manufacturer's unique business processes are often at the core of its competitive advantage, and in many cases cannot be addressed by commercial off-the-shelf software solutions. We also recognize the imperative for adaptive, responsive systems that will not become tomorrow's "legacy" applications.

Trigent creates customized software solutions that are tailored to a manufacturer's unique business needs, while leveraging the valuable data and business rules in its existing enterprise systems. Trigent specializes in developing applications that automate the complex business processes that form the foundation for a manufacturer's competitive advantage, while supporting evolving business requirements.

Trigent has created customized software solutions that address key business requirements among manufacturers today, allowing them to:

- Reduce costs associated with parts introduction, duplication, substitution and retirement by effectively managing complex and continually changing information about parts and components

Trigent creates adaptive software solutions that enable manufacturers to automate the complex business processes that form the foundation for their competitive advantage.

About Trigent

Trigent is a provider of software development and support services that help companies achieve the greatest possible ROI on the applications that drive their businesses.

Commercial software providers, manufacturers, and marketing and media companies rely on Trigent to deliver business value, leveraging unique solution frameworks, patent-pending technologies, and CMM-certified global development centers.

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- Enable the configuration and manufacture of complex, build-to-order products that the manufacturer can deliver profitably
- Deliver excellent customer service and support for highly complex or customized products, faster and with fewer expert resources – reducing time-to-resolution and increasing profitability

Whether developing new applications or transforming legacy systems, Trigent creates software solutions that enable manufacturers to produce high-quality products quickly and at a lower overall cost.

The Advantage: Trigent

Trigent creates systems **adaptive software solutions** that are “built for change” by employing an approach to software development that facilitates the evolution of a manufacturer’s software systems along with its business requirements. Using our development technology, Coradigm, we can create enterprise applications that are to adaptive to business change, and deliver **lower cost to build and own**.

Trigent understands how to leverage an organization’s unique business assets in enterprise-level applications. Employing proprietary **harvesters and integration tools**, we can rapidly extract product data and business rules and share information with a variety of enterprise systems, such as PLM, ERP, and supply chain applications. Trigent has extensive experience in EAI technologies and in reconciling the disparate data structures of various systems to address not only the interoperability

of systems but their seamless integration.

Trigent has developed **patent-pending technologies**, including rules engine technology, designed to facilitate the creation and automation of an organization’s business processes across enterprise systems.

Trigent understands the imperatives of **mission critical systems**. We have a decade of experience developing both proprietary and commercial software for clients and providing round-the-clock application support.

Trigent’s **successful track record** includes the development and support of software solutions for clients including clients such as International Truck and Engine Corporation, Kruger, Inc., Texas Instruments, Foster Wheeler, and Periphonics.

Employing a **blended global delivery model**, with project teams staffed across our US and India development centers, Trigent creates the best development team for each clients specific needs.

Trigent’s development center is certified CMM Level 4, signifying our **commitment to quality** and continuous improvement in software processes, which translate into improved productivity, cycle times, and product quality for our clients.

For More Information

Contact Trigent to learn more about how we can help your manufacturing organization create adaptive software solutions customized for the needs of your business.