



Premium Performance Globally-Competitive Cost

Software Development Using a Unique Hybrid Staffing Model

Software not up to speed?

- >> Defects in aging software stealing your R&D bandwidth?
- >> Delayed and unreliable new feature releases?
- >> Late delivery of new products costing market share?

**Accelerate your success.
Partner with Foliage for
your custom software needs.**

Foliage Software Systems is the industry's premier US-based provider of consulting and software development services. We have helped dozens of companies overcome tough software challenges. We employ a unique hybrid staffing approach that ensures excellent performance at significantly reduced cost. Our flexible, integrated team model combines:

Foliage Software Technology Experts



Economical Global Development Resources



Your Internal Product Experts

Premium Performance

- >> Rapidly Improve Fielded Reliability and Throughput for Existing Product Lines
- >> Shorten Time to Revenue for New Products
- >> Differentiate Through Advanced Software Technologies

Globally-Competitive Cost

- >> Manage Fixed Costs with a Proven Variable Staffing Model
- >> Reduce Costs with Hybrid Staffing Model

Foliage Manages the Risk

- >> Eliminate the Delays and Risk of Direct Offshore Development by having Foliage Manage the Effort



Partner with Foliage and Benefit from our Experience - Over 200 Product Development Projects Since 1991.

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SOFTWARE CONSULTING

Consulting Services:

- >> **Software Reliability Consulting** – Foliage experts deliver a fast turnaround reliability assessment to pinpoint problems and identify the improvement approach.
- >> **Software Assessment** – Foliage performs a complete evaluation of software documentation, architecture, design, code and organization. We offer concrete strategies for fast improvement and immediate ROI.
- >> **Product Development Strategy** – Foliage uses formal methodologies to ensure alignment of product and software technology strategy with business strategy.

Consulting Case Studies:

Process Tool Reliability Improvement Analysis

Foliage analyzed the reliability of the software for a highly-configurable semiconductor process tool. Several fabs had raised serious concerns about the reliability of our client's recently deployed equipment. Our findings confirmed the severity of the software reliability problems, and we provided specific, actionable recommendations for improvement.

Assessment for Newly Acquired Software

Our client had recently acquired the product line of a competitor and had to choose whether to use its own equipment software or the newly acquired equipment software in future products. We evaluated and compared the two software architectures and the code itself for alignment with future product capabilities.

Metrology Product Line Development Strategy

Foliage evaluated the legacy control software fielded on two separate metrology product lines and developed a technology strategy for next-generation products to maximize reuse and allow product line independence.

SOFTWARE DEVELOPMENT

Software Development Services:

- >> **Software Refurb of Legacy Systems** – Foliage extends the useful life of existing systems and minimizes investment.
- >> **Product Migration** – Leverage Foliage experience with a coordinated and controlled approach to moving from an aging legacy system to a modern platform.
- >> **New Product Design and Development** – Experience Foliage's industry-leading full lifecycle product and product line development and deployment expertise.

Software Development Case Studies:

Product Line Framework for Multi-Tool Control System

Foliage developed the control system framework to be deployed on all product lines for a leading equipment supplier. The control software is backward compatible to all significant hardware platforms and has become the core platform for all next-generation equipment.

Real-Time Control of Laser

Foliage partnered with the leading provider for lasers to develop the software for their next-generation laser product. This project resulted in the fastest product development cycle in their company history.

Porting of Software Product to .NET

After determining that sales of its new software product would improve if it supported Microsoft's .NET environment, Foliage worked with a leading software company to rapidly port the application from Java to C#.

Optical Metrology System Refurb

After working with a leader in optical metrology to develop a next generation software architecture and a strategy to re-factor and migrate over 1 million lines of code to the new architecture, Foliage took lead responsibility to implement the plan.

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