



Consulting Services Strategic Benefits

BigLever Software combines industry-leading methodology expertise with practical, real-world experience to help you investigate and realize strategic-level benefits from software product line practice.

Based on Your Benefit Profile...

Order-of-magnitude improvements can be obtained in one or more of following areas:

- 1) time-to-market
- 2) development costs
- 3) product quality
- 4) product line scalability

We can help you assess what level of improvement is feasible for your organization in each of these benefit areas – and continually capitalize on the opportunities available in the benefit areas most important to you.

BigLever Software

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BigLever Software Software Product Line Consulting Services

Regardless of your current stage – from just learning to experienced practitioner – BigLever's consulting services help you obtain the maximum benefit from software product line practice. You can use any or all of the following services to define your most effective software product line approach, identify your fastest transition path, lower the risks and costs of your transition, and achieve the optimum outcomes for your business.

We offer a special *Getting Started Package* to energize and accelerate your transition, as well as *A la Carte* services customized to meet your specific needs.

Getting Started Package

The Getting Started Package is an intense, hands-on program that brings leading-edge software product line development methods, knowledge and experience into your organization. This package entails the interactive creation of a tangible, small scale pilot project that serves as the catalyst for learning and change within your organization.

The Getting Started Package – a \$10,000 value – costs \$5,000 and includes¹:

- 3 days of onsite pilot project development and consulting
- 1/2 day of interactive offsite preparation
- 1/2 day of interactive offsite post-processing to summarize the results
- Satisfaction Guarantee: The cost of the package is fully refundable if you are not 100% satisfied.

A la Carte Services

Software Product Line Seminars

BigLever seminars are designed to introduce your team to software product line development principles, from introductory concepts to the latest and most innovative methods in the industry.

- **Introduction to Software Product Line Development:** This seminar introduces basic concepts behind software product line development and the order-of-magnitude improvements that can be achieved.
- **New Methods in Software Product Line Development:** This seminar features details and insights on breakthrough methods that are enabling a new generation of software product line successes. These new methods are advanced, yet practical and proven, based on firsthand experience at BigLever and other commercial software development organizations.

¹ Offer subject to change without notice.



Engenio: Customer Case Study

Problem: Engenio (a division of LSI Logic) identified that a software product line approach posed many potential benefits; however, they anticipated a lengthy adoption cycle (900 to 1,350 developer-months) for transitioning their development efforts.

Solution: Engenio selected BigLever's software product line solution to enable them to make an incremental, non-disruptive transition into a product line practice.

With the help of BigLever's consulting services, Engenio made a series of incremental investments, each of which yielded an immediate, order-of-magnitude return.

Results:

- 3 days to consolidated 2 different million-LOC systems.
- 4 developer-months to deploy.
- 25%-50% development cost reduction in 9 months.
- Within 9 months, extended product line scale by 3x.
- Within 1st month, engaged opportunities in previously unattainable market windows.

Software Product Line Assessments

BigLever Assessments are designed to help you determine whether software product line practice is right for your organization – and if so, which product line approach offers the specific benefits best suited to your organization's needs.

- **Benefit Assessment:** Using a software product line taxonomy, we help you examine the current state of your development practice to assess which software product line benefits are available to you and how significant those benefits will be. We help you create a benefit profile that allows you to: 1) identify and prioritize strategic benefits based on your goals, 2) understand and evaluate different software product line methods and techniques, 3) define your optimal software product line approach, and 4) predict your return-on-investment timeline.
- **Transition Assessment:** This service focuses on the myriad of practical decisions required to translate your benefit profile into the design of a practical software product line approach and transition path. At this stage, we help you assess which approach will best streamline your effort, avoid pitfalls, and ensure that your current production schedules are not disrupted. We help you assess which approach will best leverage your existing legacy assets, team structures, development processes, and configuration management and build systems.

The product line approach and transition path defined at this stage has enabled most BigLever clients to transition to software product line practice in less than 1% of the time, cost and effort reported for other approaches.

Pilot Deployments

The Pilot Deployment service is designed to help you validate and tune the design of your software product line approach before making a full commitment. By creating a simple but operational software product line within your development environment, BigLever helps you validate the predictions made in your assessment.

More specifically, your pilot deployment will give you hands-on experience with the product line infrastructure, validate the transition strategy for your assets and your team, isolate and neutralize any obstacles, and validate your benefit profile.

Your successful pilot deployment can provide the first incremental step in your transition and establish a stable, self-sustaining process for transitioning into full deployment.

Most BigLever clients experience immediate return-on-investment during this stage, which provides the momentum and additional resources to successfully accelerate to a full deployment.