



OBSESSION WITH QUALITY

BLS believes that "good" isn't good enough; excellence isn't optional. BLS brings a passion for quality and customer satisfaction to every engagement.

HIGHLY SKILLED

BLS only employs the highest quality engineers, architects and project managers. Our professionals are experts, enabling them to understand your requirements quickly and get moving fast without lengthy evaluations, analysis and ramp-up.

A TRULY BLENDED APPROACH

BLS performs all requirements analysis, design, architecture and project management with highly qualified engineers and managers in the Americas, APAC and EMEA. BLS leverages carefully selected, highly-skilled offshore engineers for development providing you with a reasonable blended rate.

OPEN SOURCE / EMBEDDED SOFTWARE DEVELOPMENT, ARCHITECTURE & DESIGN



- Concerned about the supportability of your current architecture and/or software stack?
- Questioning whether you are headed in the right direction with your architectural choices?
- Not all open source solutions are created equal. Do you struggle reaping the benefits of open source, not knowing what is available and what actually works?
- Need help putting together a world-class, supportable architecture and software solution?

BLS can help you get where you want to go. Whether you need a high-level analysis of your existing architecture or you need something designed from the ground up, BLS engineers can help.

With decades of combined experience designing and architecting embedded solutions across the industry, many of which power everything from telecommunications switches to NAS devices across the globe, BLS engineers have the experience, knowledge, tools and processes to help you lay the foundation for a reliable and a successful product.

Let BLS be your go-to partner when:

- You have a critical, strategic project that simply must be successful.
- You need proven Linux architectural experience.
- You have business requirements that cross the line between kernel/embedded and the user interface.
- You have tight deadlines.
- You have a small team of engineers and need to get your product to market.
- You want to focus on building differentiation.



BIG LAKE SOFTWARE



VISIBILITY

BLS provides visibility. Whether a Fixed-Fee Project or Time and Materials, BLS believes the client should be aware of where deliverables are at throughout the projects lifecycle. From online reporting tools to manager/engineer led status calls, customer visibility is a core value of BLS.

WE GET PAID WHEN YOU ARE SATISFIED.

BLS is value focused and our pricing will always reflect the best value we can provide to our customers while maintaining a high level of quality. And because BLS's focus is on delivering the highest quality product with exceptional customer satisfaction, we are more than willing to tie deliverables to payment.

Simply the best



Methodology

Requirements Analysis (RA) – in order to build a world-class and supportable architecture, BLS needs to understand your requirements be they functional (must be able to do X, Y, Z) or non-functional (must be able to run on devices A and B and the performance profile must be X). They may be well defined already or they may be in the early stages of refinement. BLS can help you flesh them out and make sure you have covered every use case.

Available Technology GAP Analysis (GAP) – BLS will segment your requirements (functional and non-functional), applying their experience and knowledge of which can be satisfied by open-source solutions/components and which will need custom solutions built for them.

High-Level Design (HLD) – the High-Level Design will document how each of the components (open-source and custom-built) will integrate and operate, fulfilling the functional and non-functional requirements defined in the RA process.

Prototyping & Validation (PV) – some project may require a prototype be built in order to demonstrate and validate the architectural choices.

Detail Design (DD) – the Detail Design builds upon everything that proceeded it (RA, GAP, HLD and sometimes PV), documenting in detail every communication path, interaction and expected results for every component of the proposed solution.

The Approach

- For BLS, experienced, intelligent engineers are a given. In embedded Linux, open-source is a reality, but not all open-source is created equal, so understanding what is available, its capabilities and limitations, is the key to building something that will withstand the rigors of the market.
- BLS will utilize a design approach tailored to the state of your requirements; balancing the level of structure and flexibility against how well-defined or transitional your requirements are.
- Documentation is a business requirement and no architecture is complete if it isn't documented. BLS believes in "just enough" documentation. What does that mean? Because documenting your architecture is a business requirement, like all business requirements, the definition of "just enough" will vary greatly - from a baseline minimum to an intensely detailed blueprint. BLS's approach to architectural documentation will be custom tailored to what you need.

SERVICES AVAILABLE

Architecture & Design

Embedded Linux Programming

Project Management

Testing & Quality Assurance

Project validation & assessment



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