Professional Engineering Services Overview

HIGHLIGHTS

- Worldwide development centers with 160+ engineers
- Project Management Professional (PMP) certified Project Managers
- Expertise in Windows® Embedded, Windows Mobile®, Android, Linux software development
- Specialists in Flash® Lite® in porting & optimizing performance on embedded devices
- Industry-leading quality assurance services using TestQuest automated products

OVERVIEW

Bsquare specializes in embedded and mobile devices running Window Embedded, Windows Mobile, Android and Linux operating systems. Our engineers are experienced in all stages of development, from design through testing, deployment, and support. With our in-depth knowledge and consultative approach, we can accelerate your time to market, reduce risk and lower project lifecycle costs. Services include:

- Consulting
- Hardware Engineering/Design
- Application Development
- Flash Lite Porting
- Board Support Package Development
- Quality Assurance Testing
- Training
- Technical Support

ACCELERATE TIME TO MARKET

- Extensive experience. Our 160+ engineers and project managers represent more than 1,500 person-years of engineering experience and have successfully completed hundreds of engagements with OEM customers.
- Strong partnerships. Having worked with Microsoft® and with semiconductor vendors including Intel®, Texas Instruments, Freescale™, and Marvell® give us inside knowledge of their technology that we can apply to speed development of your device.
- Products, training, and licensing help. Bsquare is your one-stop shop for everything related to smart device development.

FAST FACTS ON BSQUARE'S PROFESSIONAL ENGINEERING SERVICES

A U.S. -based Company

Number of Worldwide Development Centers: 10

Development Center Locations: U.S, Canada, Taiwan, U.K., India

Headcount: 200

OS Competencies: Windows Embedded, Windows Mobile, Microsoft Auto, Android, Linux

Processor Architecture Competencies: ARM, MIPS, x86, SH

Practice Areas: Applications, Flash porting, Flash HMI, Hardware development, System software development, Project management, Quality Assurance and Training

Strategic Alliances: Adobe®, Freescale, Intel, Microsoft, RMI, Texas Instruments

Verticals Served: Transportation, consumer electronics, data collection, gaming, point-of-service and military, home/industrial automation

Industry Affiliations: Adobe Flash porting partner, Project Management Institute (PMI), Institute of Electronic and Electrical Engineers (IEEE), International Information Systems Security Certification Consortium, Inc., (ISC)^2®, WiMedia Alliance, Capability Maturity Model Integration (CMMI)

Awards: Microsoft Partner of the Year 2008 – System Integrator, Microsoft System Integrator of the Year - 2002

REDUCE PROJECT RISK

Bsquare assigns an experienced program manager to each engagement to reduce project risk and ensure that development proceeds smoothly. Our program managers provide you with:

- Strong project management experience. All of our program managers have engineering backgrounds, and many are senior managers with Project Management Professional (PMP) certification.
- Proven methodologies. Our program managers follow the Project Management Institute's (PMI) standards for guiding each project through scoping, scheduling, testing, and support.
- Risk mitigation strategies. Your program manager will work with you to identify any high-risk technical areas early in the process and develop risk-mitigation strategies for any potential problem areas.
- Local design centers. Bsquare offers design centers worldwide—we develop your software where it's convenient for you.

LOWER PROJECT LIFECYCLE COSTS

Bsquare reduces project lifecycle costs with:
- Industry-leading quality assurance testing expertise. We follow best practices for product design and quality assurance, including test documents based on IEEE 829.
- Early identification of problems. Our software design and QA approach enables us to identify and fix any defects early, saving time and money.
- Knowledge transfer. Our engineers work directly with your engineers, rather than through engineering managers or program managers. This close teamwork means we can efficiently transfer our expertise to you, giving you the option of implementing follow-on projects in-house rather than outsourcing them.
- Documented source code. By providing you with documented source code, we help minimize software maintenance costs during the product's lifecycle.

BSQUARE PRODUCT DESIGN LIFECYCLE

Bsquare can engage with the customer from start to finish or at any point within the product design lifecycle.

NEXT STEPS

Contact your Bsquare Account Manager or call Bsquare at +1-888-820-4500 or +1-425-519-5900 or email sales@bsquare.com for more information or to request a demo.