

# Bsquare Professional Services

- Highlights**
- Worldwide development centers
  - Android, HTML5/WebKit, Linux, Microsoft Windows® Embedded, Windows Mobile® and QNX software development
  - Porting & performance optimization for embedded and mobile devices
  - Board Support Packages
  - Industry-leading Quality Assurance services
  - Training and support services



## Overview

Bsquare specializes in development, testing, deployment and support services for embedded and mobile devices on all major platforms. With development, training and support resources located throughout the world, Bsquare provides experienced, local support for all stages of the development lifecycle. The in-depth knowledge and consultative approach used by Bsquare accelerates time-to-market, reduces project risk and lowers development costs.

## Accelerate Time-To-Market

**Extensive experience:** More than 1,000 completed projects...and counting means experienced Bsquare engineers and project managers are ready and qualified to support your next project.

**Strong partnerships:** Bsquare has a strong ecosystem of partners including Adobe, Datalight, McAfee and Microsoft® as well as Qualcomm and semiconductor vendors such as Intel®, Texas Instruments, Freescale™ and Marvell®. These relationships give Bsquare the inside knowledge of technologies that our engineering teams apply to speed development and devices to market.

**Products, training, and licensing:** Bsquare is your one-stop shop for everything related to smart device development.

## Fast Facts: Bsquare Professional Services

### OS Competencies

Bsquare has experience with all leading platforms including: Android, Linux, Microsoft Auto, Microsoft Windows Embedded, Microsoft Windows Mobile, Microsoft Windows Phone, QNX

### Processor Architecture Competencies

ARM, MIPS, x86, SH

### Practice Areas

Application design, architectural consulting, board support packages, HTML5/WebKit services, Quality Assurance, testing, training

### Vertical Market Expertise

Automotive, consumer electronics, data collection, digital signage, gaming, home/industrial automation, medical, point-of-service and retail and military

### Industry Affiliations

ARM Connected Community, Bluetooth SIG, Capability Maturity Model Integration (CMMI), Institute of Electronic and Electrical Engineers (IEEE), International Information Systems Security Certification Consortium, Inc., (ISC)²®, Project Management Institute (PMI), SD Association

### Reduce Project Risk

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

**Strong project management experience:** Our program managers have engineering backgrounds, and most are senior managers who have or are working towards Project Management Professional (PMP) and ScrumMaster (CSM) certifications.

**Proven methodologies:** Bsquare program managers follow the Project Management Institute's (PMI) standards for guiding each project through scoping, scheduling, testing and support.

**Risk mitigation strategies:** Bsquare program managers work with client teams to identify any high-risk areas early in the project and to develop risk-mitigation strategies for all potential problem areas.

**Local development teams:** Bsquare has development centers worldwide—we develop your software where it's convenient for you, while providing the most efficient development options possible.

### Lower Project Lifecycle Costs

Bsquare reduces project lifecycle costs with:

**Industry-leading Quality Assurance and testing:**

Bsquare uses industry best practices for product design and Quality Assurance, including test documents based on IEEE 829 and the use of TestQuest technology for automated testing.

**Early identification of problems:** Bsquare testing starts when the project kicks-off. This early engagement enables identification of any defects early in the development cycle, when issues are easier to fix, saving both time and money.

**Knowledge transfer:** Bsquare engineers work directly with our clients' engineers, rather than through engineering managers or program managers. This close teamwork means Bsquare can efficiently transfer our expertise to our clients' teams, providing the opportunity to implement follow-on projects in-house rather than outsourcing them.

**Documented source code:** By providing documented source code, Bsquare minimizes software maintenance costs for the entire product lifecycle.

### Bsquare Product Design Lifecycle

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



For more information, please visit [www.bsquare.com](http://www.bsquare.com) or email us at [sales@bsquare.com](mailto:sales@bsquare.com).

### About Bsquare

Bsquare is a solution provider to the global embedded device community. Our teams collaborate with OEMs at any stage in their device development to bring quality products to market faster. Since 1994, Bsquare has been a trusted partner to smart device makers worldwide.

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