

Wireless PDA

The Challenge

A group of entrepreneurs had a vision for a wireless PDA targeted to mobile professionals, such as physicians, salespeople and remote field workers at oil fields. The MIPS-based hardware device can be plugged into a cell phone for wireless communication, allowing a user to receive time-sensitive job-related information.

To compete effectively in the target markets, the entrepreneurs needed compelling applications to differentiate their PDA from other offerings. To achieve this goal, they asked BSQUARE to develop and test some custom applications, and to integrate and test an existing BSQUARE spreadsheet application.

The BSQUARE Solution

BSQUARE worked with the company to scope the project and determine all the tasks required, eliminating any potential cause of project failure such as incomplete or inaccurate specifications.

BSQUARE created two custom applications: a voice recorder and an application launcher. The voice recorder allows users to record a voice annotation and store it on the device as a .WAV file. The application launcher enables the device to be customized for vertical markets by connecting the physical hot keys on the PDA itself to any user-selected application. Tapping its large IP Library,

BSQUARE adapted its own spreadsheet application for the MIPS-based device.

BSQUARE developed, integrated and tested all three applications much faster than would be possible for an engineering team inexperienced with Windows® CE or that needed to develop a spreadsheet application from scratch.



The Customer Payoff

BSQUARE's team not only accelerated the development of the PDA and reduced development costs, they also delivered innovative applications that helped the entrepreneurs differentiate their product to compete effectively in their target markets.

Take the Next Step: Contact BSQUARE Today

To find out more about how BSQUARE can help your project, as well as BSQUARE professional engineering services, Windows Embedded licensing and development tools that can accelerate your time to market, contact BSQUARE at 1-888-820-4500 or email sales@bsquare.com.

Development Time Estimates		Project Expense Estimates	
Internal Development	18 man-months	Internal Development	\$288,000
Using BSQUARE	5 man-months	Using BSQUARE	\$80,000
Time Savings	13 man-months	Cost Savings	\$208,000



For more information, please visit www.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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By email at sales@bsquare.com

BSQUARE Headquarters
110 110th Ave NE Suite 200
Bellevue, WA 98004, USA
Phone: 888-820-4500 or
direct at 425-519-5900

BSQUARE San Diego
6450 Lusk Blvd. Suite E210
San Diego, CA 92121, USA
Phone: 858-535-9265

BSQUARE Akron
3480 West Market Street
Suite 105
Fairlawn, OH 44333, USA
Phone: 330-864-2300

International:

BSQUARE Vancouver
3751 Shell Road Suite 100
Richmond, BC V6X 2W2, Canada
Phone: 425 519 5900

BSQUARE Taiwan
18F.-B, No. 89
Songren Road, Xinyi District
Taipei City 110, Taiwan
Phone: +886-2-8780-9100