



Smarter Sensors In Silicon

Press Contact
Shana Farley
Marketing Manager
(408) 965-3344
shana@xbow.com

Environmental Sensor Bus® Capability for eKo Environmental System Revealed

ESB® Solution to Easily Integrate External Sensors with Crossbow's eKo Series

Coastal Environmental Sensor Networks Conference 2009

San Jose, CA – July 23, 2009 – Crossbow Technology, Inc. (www.xbow.com), a leading supplier of wireless sensor technology and cutting-edge environmental monitoring solutions, announced the release of [ESB® development platforms](#) for the innovative eKo system. The plug-and-play ESB (Environmental Sensor Bus) architecture provides users with the flexibility to add a wide range of sensors to the [eKo system](#) with ease analogous to USB (Universal Sensor Bus), the architecture used worldwide to connect devices to a host computer. The ESB capability allows users to quickly and effortlessly customize the rugged system by integrating smart and custom sensors for their own applications whether it be groundwater contamination or wildfire monitoring.

“Scientists at UMass Boston Center for Coastal Environmental Sensing Networks (CESN) have been researching the development of ‘smart’ sensor networks for observing interactions of coastal systems in order to help manage our coastal resources and solve current and future coastal problems,” said Francesco Peri, Managing Director of CESN. “The ease with which we integrated our own salinity sensors and fluorimeters enabled us to start gathering vital data about the areas around Boston Harbor with minimal infrastructure. The eKo real-time system is an ideal platform to bridge the land-water sensor network barrier and is helping us to detect hot spots and hot moments.”

The [eKo system](#) is a miniaturized, solar-powered outdoor wireless monitoring system that enables users to quickly and easily set up a wireless communication infrastructure that can be customized to meet their application's specific deployment needs. The ability to take a solution and use it for pollution detection while at the same time having it deployed for irrigation management showcases the versatility of eKo and the breakthrough it has made for any outdoor wireless monitoring requirement. The new [ESB® line](#) features the ES9000, ES9100 and ES9200 all designed to enable the specific interface for the diverse sensors that can be integrated with the eKo solution.

“The applications into which the eKo system can be deployed are virtually limitless,” stated Dr. Alan Broad, Crossbow's Director of Environmental Products. “With ESB users can interface sensors to monitor pollutants creating chemical fences, measure vibration to verify structural integrity and even set up warning systems for landslides.”

Pricing and Availability

The eKo Pro Series System and related ESB hardware is immediately available and priced competitively for purchase from select distributors and online directly at www.xbow.com. Sales inquiries may be directed to eKo.sales@xbow.com.

About Crossbow Technology

Founded in 1995, Crossbow Technology, Inc. is the leading end-to-end solutions supplier of wireless sensor networks and inertial sensor systems. Crossbow has shipped over 500,000 sensors to over 1000 customers, including

Crossbow Technology, Inc
4145 N. First Street
San Jose, CA 95134
Ph: 408.965.3300
Fax: 408.324.4840
info@xbow.com
www.xbow.com



Smarter Sensors In Silicon

select Fortune 100 companies, for diverse applications such as industrial automation, building monitoring, home automation, environmental control, defense, security and asset tracking.

Crossbow is leading the revolution for connecting the physical world with the digital world through wireless sensor networks. Headquartered in San Jose, California, Crossbow has offices in China, Japan and Switzerland and distributors in 24 countries worldwide. The company is privately held. Its major investors include the Cambria Group, Cisco Systems, Intel Capital, Morgenthaler Ventures, and Paladin Capital. For more information, visit www.xbow.com.

###

Crossbow Technology is a registered trademark of Crossbow Technology, Inc.
Copyright © 2007 Crossbow Technology, Inc.
All rights reserved

Crossbow Technology, Inc
4145 N. First Street
San Jose, CA 95134
Ph: 408.965.3300
Fax: 408.324.4840
info@xbow.com
www.xbow.com