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Your Vision, Our Specialty

Bloomy Controls, Inc. Named Vision Specialty Alliance Partner by National Instruments

Bloomy Controls received the Vision Specialty Alliance Partner designation from National Instruments for its specialized skills in machine vision systems, including imaging, visual inspection, and in-line control.



As a Vision Specialty Alliance Partner, Bloomy Controls offers a range of solutions from simple visual inspection, to custom application development, and complete turnkey systems. Turnkey systems may include mechanical fixturing, integrated motion, and customized software, as well as lens, lighting, and camera selection. Bloomy Controls has successfully applied its vision expertise to a wide variety of projects, including those in the electronics, medical, manufacturing, military and aerospace industries. ([learn more](#))

Bloomy Controls at IHS GlobalSpec's Online Tradeshow Event

Simplified ATE Operation for Production Test

Bloomy Controls Senior System Engineer, Rob Putala presents [Simplified ATE Operation for Production Testing](#) at IHS GlobalSpec's Quality, Test, and Measurement Online Tradeshow event. This presentation addresses the issues with test station operators utilizing commercial off-the-shelf instrumentation that have complex set-up and test sequences. Putala discusses how an embedded real-time controller networked to a central PC for process set up and data collection is a simple solution for these issues in production testing.



Click to watch "Simplified ATE Operation for Production Test"



Platinum
Alliance
Partner

Vision Specialty

Upcoming Events

Visit [Bloomy Energy Systems](#) at these upcoming tradeshows:

April 30 to May 1
Next Generation Batteries 2013 in Boston, MA

May 20 to May 22
23rd Annual ESA Conference in Santa Clara, CA



Interact with fellow LabVIEW enthusiasts to network, share coding practices, and discuss

measurement and automation applications.

NEXT MEETINGS:

CT: May 9 at 5:30pm
MA: May 23 at 5:30pm
NJ: June 13 at 2:00pm

Bloomy Controls [Headless ATE](#) automated test platform and [ATE Supervisor](#) application software are featured products in the presentation.

Featured Case Study

Wireless Portable DAQ System

As technology advances, US Army soldiers carry more electronic devices than ever before. The Natick Soldier Research, Development and Engineering Center (NSRDEC) requires a system that can monitor the average and peak power consumption of multiple soldier-borne electronics during simulation exercises, while being portable enough to be carried in the soldier's backpack.



The portable data acquisition unit, featured with both wired and wireless power sensors

Bloomy Controls developed the Wireless Portable Data Acquisition (DAQ) system for NSRDEC, comprised of commercial and custom electronics including a portable data acquisition unit, wired and wireless power sensors, and a remote analysis computer. The low-power device is easily carried without adding extra bulk and continuously acquires data using Bloomy Controls analog input module and Bluetooth sensors. The data is acquired by a remote analysis computer that provides an intuitive graphical user interface for evaluating the efficiency and durability of each soldier-borne device. Learn more about Bloomy Controls Wireless Portable DAQ System. ([download PDF to learn more](#))

[Bloomy Controls, Inc.](#) is a National Instruments Platinum Alliance Partner, Electronic Design and Vision Specialty Partner, and Certified Training Center, that provides turnkey systems for automated test, data acquisition, and control.

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