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Upcoming Events

Visit us at a [National Instruments Technical Symposium \(NITS\)](#) location near you!

October 18	Pittsburg, PA
October 23	Santa Clara, CA
October 25	Irvine, CA
October 30	Boston, MA
November 1	Philadelphia, PA

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Don't Allow Test to Destroy Your BMS

Simulating a 700V Battery Pack

The increased focus on alternative energy and electric vehicles around the globe has manufacturers of advanced batteries and automotive companies investing in developing more reliable products while bringing them to market faster. Advancements in battery simulation provide safe and efficient methods to test and validate battery management systems (BMS) throughout the design and manufacturing process. Learn about a broad range of configurable battery simulation and BMS test systems, and how the United States Army Tank Automotive Research, Development and Engineering Center (TARDEC) used the Battery HIL System from Bloomy Energy Systems for testing hybrid tanks.



Battery HIL System

BCI-1553 C Series Module

Now Seeking Beta Test Applications

As a NI Electronic Design Specialty Alliance Partner, Bloomy Controls fulfills special requirements not available from commercial off-the-shelf products, including custom PCBs, C Series modules, and FlexRIO adapters. The BCI-1553 C Series module provides MIL-STD-1553B avionic bus communications in a rugged C Series form factor, for use with NI CompactRIO. Bloomy Controls is currently seeking beta test applications. We can implement other communication protocols, such as Ethernet, USB, SPI, I2C, GPIB, RS 232, RS422, RS485, LVDS, Wi-Fi, Bluetooth, and Zigbee. [Learn More](#)



BCI-1553 C Series Module

Headless ATE System

Engineers at Bloomy Controls developed a [headless ATE](#)

system that is simple to operate and doesn't require PCs on the production floor. The system is headless because it doesn't need a keyboard, monitor, touchscreen, or mouse; instead, it contains a physical interface comprising a few mechanical buttons, LEDs, and an optional bar-code scanner. Read how the Headless ATE System Increases Production Reliability in the September issue of EDN.



Headless ATE System

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