



September 2016

Quick Links

- [Speak with an Engineer](#)
- [Automated Test Equipment](#)
- [Avionics Real-Time Test](#)
- [Battery Test and Simulation](#)

We're Hiring!

- Windsor, CT**
Sales Engineer
- Paramus, NJ**
Project Engineer
BTS Product Engineer
- Marlborough, MA**
Sales Engineer

[Careers](#)

Upcoming Events



The Battery Show
September 13-15



Fundamentals of Building a Test System Webinar Series
September 27-28



Automotive Testing Expo
October 25-27

[Events](#)

LabVIEW Enthusiasts



Bloomy hosts LabVIEW and TestStand training classes at our training facilities in CT, MA and NJ.

[Training Schedule](#)



Interact with fellow LabVIEW enthusiasts to network, share coding practices, and discuss measurement and automation applications.

[Mass Compilers](#)

[CT LUGNuts](#)



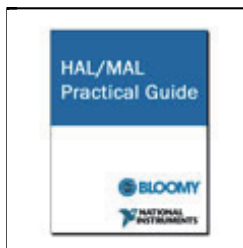
New ARINC 429 C Series Module

Perform test and simulation of the ARINC 429 avionics bus using NI CompactRIO. Applications include aircraft system monitoring and diagnostics, flight line diagnostics, OFP programming/verification, fault code download, and functional/production testing.



Making an Impact at NIWeek!

During NIWeek 2016, Bloomy was featured in a keynote presentation, four technical sessions, four exhibits and three awards. Read our summary of possibly the best NIWeek conference yet!



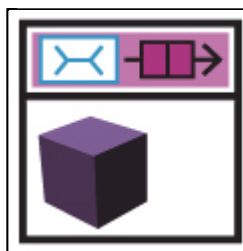
Efficiency of HALs and MALs

Hardware abstraction layers (HALs) and measurement abstraction layers (MALs) are effective design patterns to make test software as adaptable as the hardware. Learn how to drastically reduce development time by giving hardware and software engineers the ability to work in parallel.



BMS Testing Challenges and Solutions

If you missed Steven Hoenig's enlightening presentation during NIWeek, it's all right here! Learn how to address the critical challenges of battery management system testing, and develop solutions that meet the needs of the full range of the BMS development lifecycle.



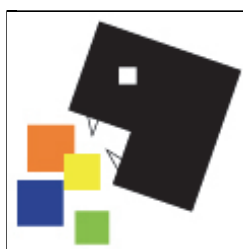
Object-Oriented LabVIEW - Part 3

The third and final installment of the three-part object-oriented blog series is all about polymorphism. Learn how to write clean software that maximizes both code reuse and future flexibility.



Battery Test and Simulation Blog

Check out Steven Hoenig's top 5 takeaways from NIWeek 2016 in the Battery Test and Simulation (BTS) blog.



SquareBattle Victory

Bloomy's own Ryan Vallieres was unbeatable in the SquareBattle at NIWeek 2016. In this LabVIEW coding challenge, he designed a team of squares that exemplified early aggression and expansion, and conquered all of his opponents.



Valuable Resources at Your Fingertips

Create an account on **Bloomy.com** and gain access to valuable resources including downloads associated with several of the articles in this newsletter.

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