BLOOMY News From Your Automation Partner



# April 2021

**Quick Links** Automated Test Equipment Simulation Systems **Battery Test and Simulation** Speak with an Engineer

#### We're Hiring!

Senior Project Manager Test Systems Engineer Material Handler Careers

### LabVIEW Enthusiasts



Due to the COVID-19 pandemic LabVIEW and TestStand user group meetings have been temporarily suspended.

TestStand



LabVIEW





It is our pleasure to offer you the consultative services of our sales engineering team on your upcoming automated test programs. Combining strong technical and business acumen in tandem with Bloomy's test engineering subject matter expertise, we are ready to solve your most critical automated test challenges! Learn about the people and the skills they bring to bear.

## MIL-STD-1553B Technical Brief





MIL-STD-1553B is a low-speed avionics data protocol often used in aircraft for communication between different Line Replaceable Units (LRUs). Hardware-inthe-loop (HIL) simulators and systems integration labs (SILs) frequently simulate MIL-STD-1553B networks using devices such as Bloomy's 1553B C-Series module. This tutorial presents a highlevel overview of the MIL-STD-1553B protocol and implementation.

#### Download a 30-Day Trial of the EFT Module for TestStand



The EFT Module for TestStand is an advanced architecture that dramatically increases your productivity using NI TestStand. Features include hardware and measurement abstraction layers, manufacturing operator interface, database connectivity and more. Download version 2019 today!

#### Top 5 Challenges With Developing and Testing a BMS for a New EV Program



How do you develop and test the battery management system (BMS) concurrently while the vehicle and other battery systems are also under development, in order to maintain an aggressive schedule? This presentation, delivered at the Charged Virtual Conference on EV Engineering, discusses the top 5 challenges with BMS testing on new electric vehicle programs, as well as practical solutions.

## 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.

#### **REGISTER TODAY!**