

NI and Astronics Introduce New Set of PXI Instruments for the Aerospace and Defense Industries

Led by Astronics' PXIe-6943 Digital Test Instrument, the new suite offers TPS-compatible solutions that deliver familiar, fast development paths for both legacy and new military/aerospace programs

ANAHEIM, California – September 13, 2016 – AUTOTESTCON – NI (Nasdaq: NATI) and Astronics Test Systems, Inc., (ATS) a wholly-owned subsidiary of Astronics Corporation (Nasdaq: ATRO), today announced the Astronics PXIe-6943 Digital Test Instrument, Astronics PXIe-3352 Rubidium Clock Source and Astronics PXIe-1209 Pulse Pattern Generator. The three new test instruments accompany the previously released Astronics PXIe-2461 Frequency Time Interval Counter and are the latest products from NI and Astronics' collaboration to provide PXI-based instruments with test program set-(TPS-) compatible software for existing VXI instruments.



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"The challenge of lowering cost and preserving legacy investment in the face of rapid technology change requires industry collaborations for success and attention to software compatibility," said Luke Schreier, director of automated test product marketing at NI. "The NI investment in LabVIEW and PXI produces cutting-edge capability, such as the recently released second-generation vector signal transceiver (VST), which is enhanced by Astronics' expertise in TPS integration to migrate key legacy technologies to the PXI platform. The NI and Astronics' collaboration builds on the strengths of both companies, but more importantly, it preserves technology investment for our mutual customers and fosters innovation."

The flagship product of the collaboration is the -2 to 7 V, 200 MB/s Astronics PXIe-6943 Digital Test Instrument. The Astronics PXIe-6943 is modeled after the highly successful VXI-based Astronics T940 Digital Resource Modules, which enable pattern-based digital test in many commercial and government programs. These instruments are also TPS-compatible with legacy instruments from Astronics as well as other instrument vendors.

"Digital subsystems continue to play a crucial role in most aerospace and defense test platforms," said Brian Price, executive vice president and general manager at ATS. "With the introduction of these new Astronics PXI Express products, engineers can now expand on today's test platforms to support tomorrow's military/aerospace requirements and maintain their original TPS investments. Our new digital subsystem includes the latest parallel digital, serial and bus protocols while taking advantage of the high speed, small size and lower cost of the PXI platform. These PXI instruments round out our already successful line of VXI instruments so that we can continue supporting the aerospace and defense automated test systems of yesterday, today and tomorrow."

Also newly introduced, the Astronics PXIe-3352 Rubidium Clock Source combines a rubidium oscillator with a GPS receiver into a single, high-precision instrument. The new Astronics PXIe-1209 Pulse Pattern Generator is a high-performance, 2-channel, 100 MHz pulse generator that delivers dual independent pulse generation with extremely high resolution.

These products will be sold through the NI sales channel, which provides direct sales operations in more than 60 countries with more than 1,400 field and support engineers worldwide.

Both companies are showcasing their latest innovations at AUTOTESTCON in Anaheim, California, through September 15. For more information, visit www.ni.com/pxi and www.astronictestsystems.com

About Astronics Corporation

Astronics Corporation is a leading supplier of advanced technologies and products to the global aerospace, defense, consumer electronics and semiconductor industries. Astronics' products include advanced, high-performance electrical power generation and distribution systems, lighting and safety systems, avionics products, aircraft structures, engineering design and systems certification, and automated test systems. The company's wholly-owned subsidiary, Astronics Test Systems Inc., offers a full range of products and capabilities that include integrated test solutions, custom designs, complete turnkey hardware and software systems, commercial off-the-shelf (COTS) instrumentation, test software, and engineering solutions that address test instrumentation obsolescence.

For more information on Astronics Corporation and Astronics Test Systems, visit www.astronics.com and www.astronicstestsystems.com.

About NI

Since 1976, NI (www.ni.com) has made it possible for engineers and scientists to solve the world's greatest engineering challenges with powerful platform-based systems that accelerate productivity and drive rapid innovation. Customers from a wide variety of industries – from healthcare to automotive and from consumer electronics to particle physics – use NI's integrated hardware and software platform to improve the world we live in.

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