

December 9, 2019



Astronics Introduces Universal Radio Field Test Solution

Award-winning ATS-3100 VRS offers precise radio test capability for military, civil and commercial use

EAST AURORA, N.Y.--(BUSINESS WIRE)-- [Astronics Corporation](#) (Nasdaq: ATRO), a leading provider of advanced technologies for global aerospace, defense, and other mission critical industries, introduced today the [ATS-3100 Vector Signal Transceiver-based Radio Solution \(VRS\)](#), a turnkey, consolidated radio test platform for field testing of military tactical, land mobile and avionics radios.

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20191209005739/en/>

The new ATS-3100 VRS from Astronics Test Systems is an integrated, bench top, software-defined radio test solution addressing radio test needs for legacy, current and next generation technology. (Photo: Business Wire)

The ATS-3100 VRS is the fifth-generation of radio test solutions from Astronics, now

capable of testing emerging software-defined radio (SDR) waveforms, modern multi-band radios and legacy radios (e.g. SINCGARS) from any original equipment manufacturer (OEM). Leveraging the [PXI Vector Signal Transceiver \(VST\)](#) from National Instruments (NI), the platform delivers the fastest test times and widest bandwidth (up to 1GHz) in a radio test solution, enabling high throughput, reduced mean time to repair (MTTR) and maximum uptime of critical radios in the field.

"As radio technology continues to evolve, we are dedicated to providing our customers with support for their most critical assets in the field, from legacy radios to future waveforms," commented Jim Mulato, President of Astronics Test Systems. "We're excited to partner with NI on this next-gen solution to deliver superior performance, wider instantaneous bandwidth, and user-programmable capability to our customers that include the military, police, firefighters and other first responders, as well as commercial pilots."

"By combining Astronics' deep industry knowledge and test program set (TPS) development expertise with NI's instrumentation platform and technology, our partnership is accelerating the deployment of advanced tactical radio technologies to deliver the future of radio test now," said Christer Ljungdahl, Principal Strategist, Aerospace and Defense at NI.

Built on the [ATS-3100 PXI Integration Platform](#), the ATS-3100 VRS joins Astronics' radio test family that includes the [ATS-3100 RTS](#) and the portable [CTS-6010](#). These share a common software framework and test executive, delivering synergy from depot to field in a holistic solution. The modular architecture of the platform facilitates an upgrade path for future technology insertions, extending the life of the platform and allowing flexibility as maintenance needs change.

[Military & Aerospace Electronics Magazine](#) recently recognized the ATS-3100 VRS with an Innovators Award. Receiving gold level honors this year, this is Astronics' third Innovators Award from the publication, where the [ATS-6100 Wire Fault Tester \(WFT\)](#) and the [CTS-6010 Tactical Radio Test Set](#) both received platinum honors in 2018 and 2017, respectively.

Astronics will display and demonstrate the new ATS-3100 VRS at the DoD Maintenance and Logistics Exhibition in Spokane, Washington, December 9-11, 2019. For complete product details, to view the solution sheet, or to request a quote, please visit Astronics.com.

ABOUT ASTRONICS CORPORATION

Astronics Corporation (Nasdaq: ATRO) serves the world's aerospace, defense, and other mission critical industries with proven, innovative technology solutions. Astronics works side-by-side with customers, integrating its array of power, connectivity, lighting, structures, interiors and test technologies to solve complex challenges. For 50 years, Astronics has delivered creative, customer-focused solutions with exceptional responsiveness. Today, global airframe manufacturers, airlines, militaries, completion centers and Fortune 500 companies rely on the collaborative spirit and innovation of Astronics.

For more information on Astronics and its products, visit www.Astronics.com.

Note to editors: Astronics is taking appointments to demonstrate the new ATS-3100 VRS to editors at the DoD Maintenance and Logistics Exhibition. Please contact Elizabeth Flattery to arrange an appointment.

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Source: Astronics Corporation