

Marvin Test Solutions Expands GENASYS Platform Offerings

New high density matrix switch card extends GENASYS platform capabilities and flexibility for performance functional test

Irvine, CA. February 5, 2019 – [Marvin Test Solutions, Inc.](#), a trusted provider of globally-deployed innovative test solutions for military, aerospace, and manufacturing organizations, announced the release of the new [GX6188](#) High Density Matrix 6U PXI switch card for test applications with high I/O count and multiple test system resource switching requirements. The GX6188 is compatible with standard 6U PXI chassis as well as Marvin Test Solutions' [GENASYS](#) platform which includes complete turnkey test systems, subsystems, and modular instrumentation.

The GENASYS architecture incorporates “any resource to any pin” architecture and the innovative end-to-end switching software, SwitchEasy, greatly simplifying the routing of signals from an instrument resource to the UUT as well as preventing the routing or connection of signals which could damage the system or UUT. Additionally, GENASYS switching modules include on-board circuitry for counting and recording the total number of relay closures, providing prognostic data for predicting relay life.

Building on the innovative, performance architecture of the GENASYS switching platform, the GX6188 features an integral, 3-dimensional 104x8x8 switching architecture which accommodates multiple resources and facilitates the creation of larger switch matrices through the interconnection of multiple cards to the 8-wire global bus which is available on the GX6188's front panel. This allows users to create multiple high-density configurations such as 208x8x16, 312x8x24, 416x8x32, etc.

“The GENASYS platform delivers the flexibility and performance that our customers are looking for when designing complex test solutions for mission-critical LRUs and systems,” said Major General Stephen T. Sargeant, USAF (Ret.), CEO of Marvin Test Solutions. “The GX6188 is ideal for high I/O count, mixed-signal test applications and was selected to be part of the new USAF Bomber Armament Tester (BAT) for these reasons.”

To learn more about the GX6188 and the entire GENASYS product line, visit [MarvinTest.com](#), or contact sales@marvintest.com

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About Marvin Test Solutions

Marvin Test Solutions, a vertically integrated test company, has delivered innovative, feature-rich test solutions for factory, flightline, intermediate-level, and depot-level applications since 1988. As a member of the Marvin Group, an award-winning aerospace company with a 50-year history in the Defense and Commercial Aerospace industries, Marvin Test Solutions has test equipment deployed in support of most of the major defense aircraft and munitions in use around the world. Marvin Test Solutions quickly delivers full-spectrum, successful test solutions – making test, maintenance, and sustainment of the most mission-critical systems easier and faster.