

Marvin Test Solutions Expands GENASYS Platform Offerings

New subsystem and 500 MHz switch card extend GENASYS platform capabilities and flexibility for performance functional test

Irvine, CA. May 17, 2016 – [Marvin Test Solutions](#), Inc., a trusted provider of globally-deployed innovative test solutions for military, aerospace, and manufacturing organizations, announces two new products for the [GENASYS](#) functional test platform.

Building on the innovative, performance architecture of the GENASYS switching subsystem, MTS has added the [GX7017](#) Integrated GENASYS Chassis to the GENASYS product line providing digital, analog and high performance switching capability within a single, compact, 6U PXI chassis footprint.

The GX7017 is a 20-slot 6U PXI chassis with an integrated MAC Panel SCOUT mass interconnect receiver that can accommodate up to 9 GENASYS switching modules, 8 high-performance digital instruments, and additional PXI instrument modules providing the flexibility to address a wide range of analog / digital ATE applications.

Featuring high density signal switching for board and system level functional test with an “**any-resource to any-pin**” architecture, the GX7017 can accommodate any of the GENASYS switch modules, providing up to 2304 multiplexed, hybrid I/O pins without cabled connections via a MAC Panel 6U SCOUT receiver. In addition, the GX7017 can support up to 256 performance digital test channels providing a high performance and compact functional test platform for mixed-signal test applications.

The GX7017 chassis is available as a subsystem or as part of the [TS-321](#), Marvin Test Solutions’ single-bay GENASYS functional test platform.

To further extend the switching capabilities of the GENASYS platform, Marvin Test Solutions has also introduced the [GX6864](#), a 500 MHz, 75 Ohm RF multiplexer switch module for high I/O count, video switching / test applications.

For further information about the expanded GENASYS product line: 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.