

Test re-use from design to manufacturing slashes cost, speeds products to market faster

Agilent and ASSET offer a cohesive line of boundary-scan re-use solutions for benchtop and in-circuit test systems

Agilent and ASSET have developed a complete product line supporting test re-use from benchtop ASSET ScanWorks® test stations in design and manufacturing to any Agilent Medalist ICT system, including the new i5000 series and the established 3070 series. ScanWorks forms the basis for Medalist ScanWorks, Agilent's premiere boundary-scan solution on all Medalist ICT platforms. ASSET and Agilent are the only boundary-scan and ICT firms to form a strategic partnership and support their joint re-use solutions worldwide. No other boundary-scan re-use solution is supported by Agilent or any other ICT supplier.

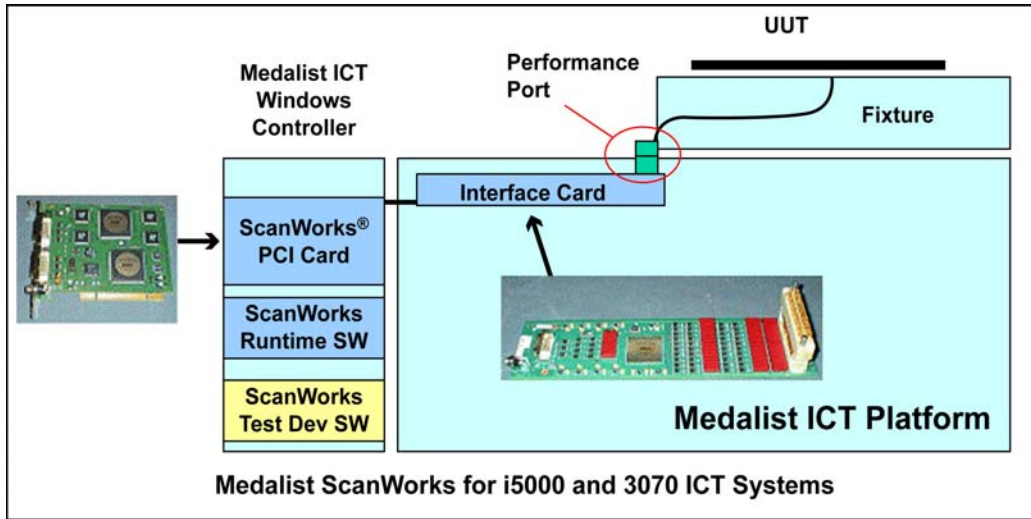
Medalist ScanWorks is a comprehensive boundary-scan bundle. It combines the ScanWorks boundary-scan system with Agilent's Interconnect Plus and Silicon Nails tools. Medalist ScanWorks simplifies the development of coordinated test suites which take advantage of the unique capabilities of ScanWorks, Interconnect Plus and Silicon Nails. For example, ScanWorks and Silicon Nails tests can be merged and applied on an Agilent Medalist ICT system as a coordinated test suite, achieving higher test coverage than either test type could on its own.



Medalist ScanWorks also paves the way for the more advanced capabilities of ScanWorks, such as the testing of high-speed serial buses with IEEE 1149.6, the

embedded test capabilities of Intel® IBIIST and the concurrent in-system programming functionality of IEEE 1532. ScanWorks tests and programming operations are completely compatible with all configurations of the i5000 and the 3070 Medalist ICT systems.

On Agilent’s i5000 series, Medalist ScanWorks and ASSET’s high-volume four-port PCI-400 interface module are fully integrated with the i5000’s PC-based controller.



ScanWorks Solutions for the 3070

For 3070 ICT systems, several ScanWorks solutions offer a range of price/performance options that meet your needs today and accommodate upgrades in the future as your boundary-scan test operations grow. Manufacturers with a low volume of boundary-scan test re-use and a 3070 with a UNIX controller can utilize the Externally Integrated ScanWorks for the 3070. In addition, for 3070s operating in a dual-controller mode with both UNIX and PC-based controllers, the Internally Integrated ScanWorks for the 3070 is compatible with both controllers. And lastly, the Fully Integrated ScanWorks for the 3070 combines ScanWorks and its high-volume, four-port PCI-400 controller with 3070s running a PC controller.

The chart below shows the ScanWorks solutions that are available for the various Agilent 3070 configurations.

Agilent 3070 configurations	ScanWorks for the 3070 Solutions	Support
3070 UNIX Controller	Externally Integrated	ASSET provides frontline support with backup from Agilent
3070 with Dual PC and UNIX Controllers	Internally Integrated	ASSET provides frontline support with backup from Agilent
3070 PC Controller	Fully Integrated	Agilent provides frontline support with back up from ASSET.

For more information...

Recent customer success stories concerning boundary-scan test re-use by Lucent Technologies and Jabil Circuit, Inc., are available on the Agilent web site at <http://www.agilent.com/see/3070>.

Information on Medalist ScanWorks is available on the ASSET website at <http://www.asset-intertech.com/MedalistScanworks.html>

Please contact your local ASSET or Agilent representative if you have questions or comments about Medalist ScanWorks or the ScanWorks for the 3070 solutions.