



Agilent Medalist i3070 08.21p Software Release

Release Notes

The Agilent Medalist i3070 08.21p software release is a complete installation for Windows® 7 (32-bit). This release includes changes to third party applications such as Turbo BootP, MKS 9.4 and Java Runtime Environment.

The Medalist i3070 08.21p software release has the same functionality as the Medalist i3070 08.20pb software release. There are no enhancements or change request fixes in this new release. The only difference is that it will support both the Windows 7 (32-bit) and Windows XP operating systems. Therefore, there will be no distribution to the Software Update Subscription (SUS) users.

For more news and updates for the 08.21p software release, please visit <http://www.agilent.com/see/i3070patches>.

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Agilent Technologies

What's New in Agilent Medalist i3070 08.21p Software Release

In the Agilent Medalist i3070 08.21p software release, the following third party applications have been updated for the Windows 7 operating system:

- Nutcracker 8.7 to Nutcracker 9.4
- Xvision 731 to Xvision 731/MKS X Server
- JRE 1.4 to JRE 1.6
- Agilent IO Libraries 14.2/15 to Agilent IO 16.1
- ScanWorks 3.7 to ScanWorks 3.14
- BootP to Turbo BootP
- FlexLM licensing

NOTE

Medalist i3070 08.21p software release supports both Windows 7 (32-bit) and Windows XP. There are no changes to the third party tools in the Medalist i3070 08.21p software release for Windows XP.

System Requirements

The minimum hardware and software requirements for the installation of the Medalist i3070 08.21p software release are as follows:

Table 1 Minimum requirements

Platform	Windows 7 Professional 32-bit, SP1 or later
Hardware	Processor – Intel® Pentium® 4 or better (minimum 1.8 GHz) Memory – minimum 2 GB RAM (recommended 4 GB RAM) Disk space – minimum 2 GB (recommended 5 GB)
Other	Minimum screen resolution – 1024 x 768, 16-bit Anti-virus and firewall software are recommended to be installed

NOTE

If you are upgrading a controller to Windows 7, ensure that it meets Windows 7 system requirements and there are no compatibility issues.

Software Licenses

The Medalist i3070 08.21p software release requires a 08.00 software update license. Users can still access the same features with their existing basic testhead and feature licenses.

Compatibility Statement

Existing board test programs that run on Medalist 3070 or Medalist i3070 systems with earlier software releases (08.xx, 07.xx, and 05.4x) will continue to run on systems that have been upgraded to the 08.21p software release on Windows 7.

Board test programs developed on Windows-based software revisions prior to 05.40p should be converted to run on release 05.40p at the minimum, before running them on systems with Medalist i3070 08.00p or later.

Appendix Compatibility Matrix

Table 2 Compatibility matrix

	Agilent 3070 (UNIX®)	Agilent Medalist 3070 (Windows)	Agilent Medalist i5000	Agilent Medalist i3070 UnMux	Agilent Medalist i3070 Mux	Remarks
Software Revision	05.30 & below	05.42 & below	06.02 & below	08.21p & below	08.21p & below	
Operating System	UNIX	Windows 2000/ Windows XP	Windows XP	Windows XP	Windows XP	
Controller Hardware	HP B20000/ C36000 and below	HP X2100*/IPC (Advantech)/ HP xw4300	HP xw4200/ HP xw4300	HP xw4400/ HP xw4600 HP rp5700	HP xw4400/ HP xw4600 HP rp5700	* HP X2100 is not supported on 05.40p and above
Software Features						
Agilent Simplate Express Fixturing	√	√	√	√	√	
Analog In-circuit Test	√	√	√	√	√	
Analog Functional Test	√	√	√	√	√	
Timing Sets	√	√	×	×	√	
In-circuit Boundary-Scan	√	√	√	√	√	
InterconnectPlus Boundary-Scan	√	√	√	√	√	
PanelTest	√	√	√	√	√	
Throughput Multiplier	√	√	√	√	√	
TestJet	√	√	√	√	√	
VTEP v2.0 <i>Powered!</i> (VTEP, iVTEP, NPM and Cover-Extend)	×	√ (1)	√ (1)	√ (2)	√ (2)	(1) VTEP and iVTEP only (2) NPM works on 07.10p or later CET works on 07.20p or later
Cover-Extend Technology	×	×	×	√	√	CET works on 07.20p or later
Polarity Check	√	√	√	√	√	
Connect Check	√	√	×	×	√	
Powered Testing	√	√	√	√	√	
Software Revision B	√	√	×	×	√	
All High Accuracy Resources	√	√	×	×	√	
Fault Detective	√	√	√	√	√	
DriveThru	√	√	√	√	√	
Flash70	√	√	√	√	√	

Table 2 Compatibility matrix

	Agilent 3070 (UNIX®)	Agilent Medalist 3070 (Windows)	Agilent Medalist i5000	Agilent Medalist i3070 UnMux	Agilent Medalist i3070 Mux	Remarks
Awaretest xi	√	√	√	×	×	Not supported
MagicTest	√	√	×	×	√	
Control XT Override	√	√	×	×	√	
Advanced Fixturing	√	√	√	√	√	
Silicon Nails	√	√	√	√	√	
Flash ISP	√	√	√	√	√	Needs Control XTP
PLD ISP	√	√	√	√	√	Needs Control XTP
Diagnose Relays	√	√	√	√	√	
System Calibration	√	√	√	√	√	
Medalist Interactive Pin Locator	×	×	×	√	√	
Automatic Analog Debug (AutoDebug)	×	×	√	√	√	
Medalist AutoOptimizer	×	×	×	√	√	Needs Control XTP
Agilent Medalist Operator Interface	×	×	√	√	√	
Agilent Medalist Debug Interface	×	×	√	√	√	
ICT Browser	×	×	√	√	√	
Coverage Analyst	√	√	√	√	√	
Fixture Consultant	√	√	×	×	√	* i5000/i3070 UnMux uses ICT Browser
Board Consultant	√	√	×	×	√	* i5000/i3070 UnMux uses TTM Development Software
Test Consultant	√	√	×	×	√	* i5000/i3070 UnMux uses TTM Development Software
Medalist TTM Development Software	×	×	√	√	×	* 3070/i3070 Mux uses Board Consultant, Fixture Consultant and Test Consultant
Pushbutton Debug	√	√	√	√	√	
Access Consultant	√	√	√	√	√	
Part Description Editor	√	√	√	√	√	
Device Test Library	√	√	√	√	√	
BT-Basic Test Language	√	√	√	√	√	

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Setup Test Editor	√	√	√	√	√	
Analog Test Language	√	√	√	√	√	
Vector Control Language	√	√	√	√	√	
Pattern Capture Format	√	√	√	√	√	
Digital In-circuit Test	√	√	√	√	√	
Integrated Digital In-circuit and Analog Functional Test Language	√	√	√	√	√	
IPG-II Program Generator	√	√	√	√	√	
Multiple Board Versions	√	√	√	√	√	
Dual-Well Shared Wiring	√	√	√	√	√	
Short-wire Fixture Technology	√	√	√	√	√	
Board Test Grader	√	√	√	√	√	
Datalogging	√	√	√	√	√	
Pushbutton Q-STATS	√	√	√	√	√	
CAMCAD						No longer supported.
Advanced Probe Spacing	× *	√	√	√	√	* Available only on 05.30 (UNIX)
Automatic 6 Wire Analog ICT Tests	√	√	√	√	√	
Automatic Digital Test Generation	√	√	√	√	√	
Safeguard ICT Analysis	√	√	√	√	√	
Quick Report	√	√	√	√	√	
ScanWorks	×	√ *	√	√	√	* Works only on 05.21 or later
System Configuration and Hardware Diagnostics	√	√	√	√	√	
Medalist Repair Tool	√	√	√	√	√	
RS232 Control	√	√	√	√	√	
IEEE 488 Instrumentation	√	√	√ *	√ *	√ *	* Not tested

Table 2 Compatibility matrix

	Agilent 3070 (UNIX®)	Agilent Medalist 3070 (Windows)	Agilent Medalist i5000	Agilent Medalist i3070 UnMux	Agilent Medalist i3070 Mux	Remarks
Hardware Features						
ASRU Rev A	√ *	×	×	×	×	* Supported only on 04.00 (UNIX) and below
ASRU Rev B	√ *	×	×	×	×	* Supported only on 05.30 (UNIX) and below
ASRU Rev C	√	√	√	√	√	
ASRU Rev D	×	×	√	√	√	
ASRU Rev N	×	×	×	√ *	√ *	* Works only with Control XTP and 08.00p or later
Serial Test Card	√ *	×	×	×	×	* Supported only on 05.21 (UNIX) and below
Serial Test Plus card	√ *	×	×	×	×	* Supported only on 05.21 (UNIX) and below
Serial Test Pay Per use	√ *	×	×	×	×	* Supported only on 05.21 (UNIX) and below
ChannelPlus	√	×	×	×	×	
ChannelPlus Pay Per Use	√	×	×	×	×	
Control Card	√ *	×	×	×	×	* Supported only on 05.21 (UNIX) and below
ControlPlus Card	√ *	×	×	×	×	* Supported only on 05.21 (UNIX) and below
ControlXT	√	√	×	×	√ *	* ASRU Rev N not supported
ControlXTP	√	√	√	√	√	
HybridPlus SD/DD Pay Per Use	√	√	×	×	√ *	* Supported only on HybridPlus DD Pay Per Use
HybridPlus SD 6/12/20 MP/s	√ *	√	×	×	×	* Supported only on 05.30 (UNIX) and below
HybridPlus DD 6/12/20 MP/s	√	√	×	×	√	
HybridPlus 32 6/12/20MP/s	√	√	×	×	×	End of support
HybridPlus 32 Pay Per Use	√	√	×	×	×	End of support
HybridPlus 32 Value Series	×	√	×	×	×	End of support

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HybridPlus 144 unmux	×	×	√	√	×	
AnalogPlus (SD)	√	√	×	×	√	
AnalogPlus (DD)	√	√	×	×	√	
AccessPlus (SD)	√	√	×	×	√	
Utility Card	×	×	×	√*	√*	Works with 08.00p or later
Guided Probe and Footswitch	√	√	√	√	√	
Bar Code Scanner (E3786A)	√	√	√	√	√	
Strip Printer	√	√	√	√	√	
Debug Ports (3)	√	√	√	√	√	
Functional Test Access Ports	√	√	√	√	√	
Performance Port	√	√	√	√	√	
DUT Power Supplies	√	√	√	√	√	
Vacuum	√	√	√	√	√	
Compressed Air Quick Connect Tap	√	√	√	√	√	
Power Supply Support Bay	√	√	√	√	√	
JOT Handler	√	√	√	√	√	

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