E9902G/E9903G/E9905G i3070 In-Circuit Test System

Keysight i3070 Software Version 10.30p

Release Date:	October 2022
Operating System:	Windows 10 Pro (64-bit) Windows 10 Enterprise (64-bit) Windows 11 Pro Windows 11 Enterprise
System Requirements:	i3070 In-Circuit Test System or test development station

This software release can be installed on i3070 test systems and test development workstations running Windows 10 or Windows 11 as specified above. No new licenses are needed if your current software is 10.xx version.

New Features

ICT-230	i3070 software will be supported on Window 11 Pro and Windows 11 Enterprise.
ICT-151	Board Consultant will allow the flipping the DUT in board placement.
ICT-250	BTI: New feature to launch a test by selecting the test name in the testplan.
ICT-189	BTI: During testhead booting, show the booting progress in a pop-up window.
ICT-164	BTI: Ability to create tests within a variant (Version) without ECO process.
ICT-141	BTI: Ability to change panel-level color attributes.

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Enhancements

ICT-115	When "looptest" statement is executed, only the test result of the last test will be written into the log file.
ICT-346	IPG now can handle DUT that is 42" long.
ICT-306	New XTPB Control Card firmware (version v22040514_2) to fix DGN T3160 intermittent failures.
ICT-221	BTI: Reload testplan without reloading the project.
ICT-200	Update Series 6 installation procedure to include test of EMO/EPO circuit.
ICT-197	When logged in as "operator" in BTI, it will act as "operator", even if other login name is used to log in to Windows.
ICT-167	Inline handling of faon/off, Press up/down, fixture lock/unlock.

Resolved Issues

ICT-202	Fixed: Bug on high speed link on DGN config window
ICT-239	Fixed: Valid License cannot be recognized if expired license present
ICT-270	Fixed: 10.20p: Extra new lines needed when creating tests in BTI
ICT-271	Fixed: Testhead boot time too long
ICT-272	Fixed: BT-BASIC hangs while compiling tests
ICT-274	Fixed: 10.20p BT-BASIC runs very slowly while looping processing text
ICT-275	Fixed: Keysight AE CFX Error when sending [Validate UnitsRequest (Route)]
ICT-276	Fixed: Panel Test does not work if boards are at 45 degree angles in the panel
ICT-278	Fixed:10.20p BTI - issue with Board Keepouts in Board Browser
ICT-284	Fixed: Found EDL upsize malfunction
ICT-285	Fixed: enlog does not REsend to PMA as edl upsize
ICT-288	Fixed: BT-BASIC 'cd/msi' Bug in 10.20p
ICT-290	Fixed: RestAPI Parser issue causes heatmap missing in PMI GUI
ICT-291	Fixed: Doc: Diagnostics > System config information needs to be updated
ICT-295	Fixed: Doc: Update Qstats "tests" "events" file & records for individual test
ICT-296	Fixed: I3070AE issue causes heatmap missing in PMI GUI
ICT-298	Fixed: Typo issue in posting feature
ICT-299	Fixed: Doc: Update ASRU Card P/N (BT-Relay)
ICT-301	Fixed: AE log parser hang issue

ICT-305	Fixed: Overwrite EDL log file with same timestamp for multiple boards
ICT-307	Fixed: Discrepancy between datasheet and online help on inductance test range
ICT-308	Fixed: Incorrect Board size in online help
ICT-311	Fixed: Doc: Add Power Option configuration step for inline system
ICT-312	Fixed: AE resent upsize files leads to "memory out of limits" and system hanging
ICT-313	Fixed: Board Placement, number of blocked resources different in 08.40pc vs. 10.20pa
ICT-320	Fixed: Delay in system response after foot switch was pressed to start test
ICT-323	Fixed: Mod 2 Fixture Lock error under certain scenarios
ICT-327	Fixed: 10.20pa: board file does not compile with AdvTM on board config
ICT-328	Fixed: Failed to find an available probe when running find pins using AdvTM
ICT-331	Fixed: Datalogging: Duplicate entries in one block for the same test if IYET is enabled
ICT-335	Fixed: DGN run without valid DGN LIC will trigger DUT-PS error when "Display Failures" option is selected
ICT-337	Fixed: RestAPI.dll stuck in infinite loop when parsing edl logs
ICT-338	Fixed: Debug Errors on S6 10.20pa
ICT-343	Fixed: 10.20pa mux, digital tests using STAPL File cannot be compiled
ICT-345	Fixed: 10.20pa, CET Test returning compiler error, works well in 09.20pc
ICT-347	Fixed: BTI Editor bug deletes lines mistakenly
ICT-348	Fixed: 3070doc: discrepancy document vs. software in Digitizer detector timeout value
ICT-351	Fixed: Coverage Analyst does not generate report due to "!" character in the node name
ICT-358	Fixed: Advanced Throughput Multiplier error when testing 2 panels. 32 boards per panel
ICT-359	Fixed: command compile <identifier>; list does not create a .l file

Special Notes

i3070 10.30p software release will be the last major release to include the BOOTP Turbo program, as ControlXTPB cards do not require BOOTP to operate.

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