

Introduction

The HPI Tester is an automated software tool that can be used to test the compatibility of a Hardware Platform Interface implementation with respect to the requirements specified in Service Availability™ Forum Hardware Platform Interface specification SAI-HPI-B.02.01 and Service Availability™ Forum HPI-to-AdvancedTCA® Mapping Specification SAIM-HPI-B01.01-ATCA.

Version 1.1.0.8

Release Date: Nov 11, 2008

Component Versions

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| 1. Test Executive | : 1.3.0.1 |
| 2. HPI Tester | : 1.1.0.8 |
| 3. Miniscope | : 2.0.0.4 |
| 4. HPI Proxy Server | : 1.0.0.2 |

New in this Release

This release supports the **HPI Tester Advanced Test Bed Setup**. This HPI Tester Advanced Test Bed Setup allows the user to run the HPI Tester against their Linux-based HPI implementation. The advanced test bed setup consists of two systems. One is a Windows system that hosts the HPI Tester application and the other is a Linux system that hosts the Polaris Networks' **HPI Proxy Server** as well as the user's HPI Client Library. The HPI Tester communicates with the HPI Proxy server that in turn makes the necessary HPI calls to the resident HPI Client Library.

This release contains **726 API test cases** and **79 ATCA-mapping test cases**.

In addition to the feature mentioned above, this version contains the fixes to all reported bugs.

Known Issues

Issue #	Summary
1868	Section 7.3.3 (saHpiControlSet) API Test cases are not implemented.
1869	API Test cases in the following sections need further validation: <ul style="list-style-type: none"> • Section 7.5 Watchdog Timers • Section 7.6 Annunciators • Section 7.7 Diagnostic Initiator Management Instrument (DIMI) • Section 7.8 Firmware Upgrade Management Instrument (FUMI)
1870	SEC_6.3.2_API_saHpiRptEntryGet_SA_ERR_HPI_NOT_PRESENT_RPT_empty fails if DUT has one or more resources in RPT
1579	Installer's "Just me" option does not work. Tester cannot be installed only for the current user.
1483	Sometimes user cannot alter test selection in Test Executive.
1376	Miniscope User Guide does not contain help on Statistics features.
2046	SEC_7.1.2_API_saHpiRdrGetByInstrumentId_SA_ERR_HPI_NOT_PRESENT sometimes fails due to syntax error.
1982	The tester sometimes crashes if the user keeps adding and deleting test cases in a user-created batch.

Fixed Issues

Issue #	Summary
1338	If the HPI Tester changes a hardware configuration value during a test, the original values are not restored after the test run.
1171	Test Procedures document does not describe all sub-test cases for the featured test cases.