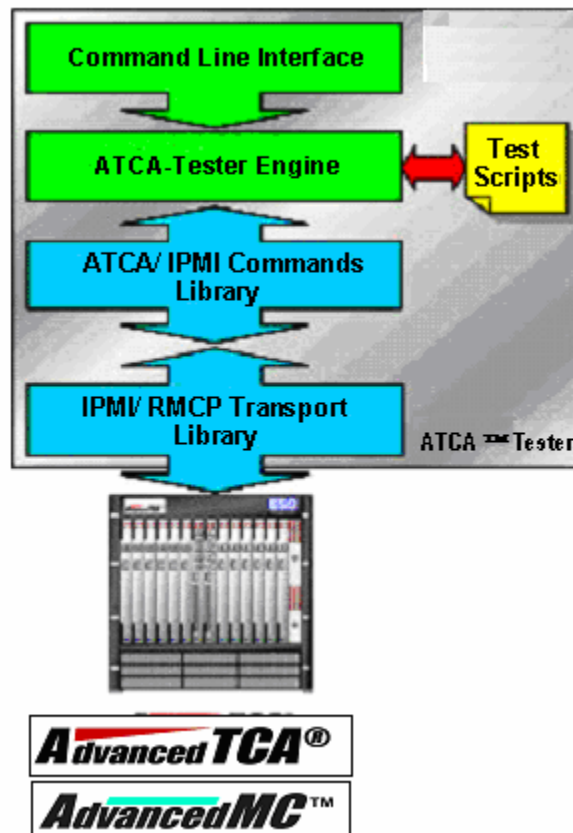


ATCA Tester

An automated software tool testing the Hardware Platform Management Software and IPMC Firmware Upgradation implementation in ATCA & AMC based building-blocks or systems.

It is designed for Hardware manufacturers, System Integrators and Telecom Equipment Manufacturers who wish to reduce the time and resources spent on ATCA, AMC and Hardware Platform Management (HPM) testing and interoperability issues during the development and qualification of building-blocks or during system integration. The tester also helps meet interoperability and certification requirements of their systems for compliance with the ATCA certification suite.



ATCA Tester Architecture

Proprietary and Confidential Information

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Benefits

By checking building-block (chassis FRUs, boards, mezzanine) compatibility with respect to AdvancedTCA[®], AdvancedMC[™] system management requirements (Chapter 3) and Hardware Platform Management IPMC Firmware Upgradation implementation with respect to PICMG[®] HPM.1 and by testing independently or simultaneously all building blocks in an integrated system, ATCA-Tester enables to:

- ▶ Increase interoperability of building-blocks
- ▶ Decrease development & integration time

Future Versions

Future releases of the software will include:

- Extended PICMG 3.0 and AMC.0 test coverage
- CP-TA specific requirements support
- User defined test scripts SDK (TBD)

Contact Information

To get more detailed Information about ATCA Tester or to request a quotation or a free evaluation version, please contact Polaris Networks at:

Tel: + 1-781-862-4900
+1-781-652-9603

Email: sales@polarisnetworks.net

Web: <http://www.polarisnetworks.net>

Ask for a free
evaluation version

Features

- ▶ Script based
- ▶ CLI interface
- ▶ 124 Test scenarios based on
 - ATCA[™] Interoperability Workshops scenarios
 - PICMG[®] 3.0 R2.0 specification (including ECN-002)
 - AMC.0 R2.0 specification
 - IPMI 1.5 specification
 - PICMG[®] HPM.1 Specification
- ▶ Error level mapped to the specification requirements

Specification Requirement	Error Level when Requirement is not met
"Shall"	Error
"Should"	Warning
"May"	Info

- ▶ Stop or Continue on Error/Warning/Info
- ▶ Interactive (Operator needed) and Automatic tests
- ▶ Test report always available
- ▶ System Event Log dumped to a file for post test analysis
- ▶ Simultaneous test of several system IPMC/FRUs
- ▶ Test categories
 - IPMC
 - FRU
 - MMC
 - Carrier IPMC
 - Sensor
 - Shelf manager
 - Shelf
 - Network
 - HPM
- ▶ Available on Linux x86
- ▶ **Tools included:**
 - FRU / SDR / E-Keying Dump: Dump data from any IPMI controller in raw or interpreted format
 - SEL watcher: Monitors any System Event Log and logs all events in a file
 - IPMI pinger: Pings any IPMI controller
 - IPMI command: Sends any IPMI command to any IPMI controller
 - ATCA monitor: Simple GUI to browse & monitor ATCA platform management data

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