

## Introduction

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Polaris Networks LTE Load Tester is a test-tool to generate traffic load on an LTE EPC Node to measure and analyze the performance of the node. LTE Load Tester Console allows user to configure testbed, create and play test scenarios by creating one or more surrounding nodes of the EPS system under test (SUT).

## Version 2.2

**Release Date:** October 19, 2012

## Component Versions

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1. LTE Load Tester Console : 2.2.0.4
2. LTE Emulators: 4.2.0.16
3. IP Traffic Emulator: 2.2.0.4

## New in Release 2.2

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1. Support of GTPu encapsulated traffic generation and reception by IP Traffic Emulator to achieve higher user-plane throughput over LTE EPC network. IP Traffic Emulator runs with Polaris Networks eNodeB Emulator on the same machine to generate GTPu encapsulated traffic.
2. Support of run-time modification of dynamic properties like burst interval and burst size for a Traffic Generator.

## Resolved Issues

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| Issue # | Summary   |
|---------|---|
| 6719    | The "Bearer Resource Allocation" procedure takes long time to return if all UEs used in the procedures are not in attached state. "Bearer Resource Allocation" procedure fails in this situation. |

## Known Issues

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| Issue # | Summary  |
|---------|--|
| 6836    | IP Traffic Emulator does not always generate GTPu encapsulated traffic over the selected type of bearer. Traffic may be sent over a Dedicated Bearer although user has selected Default Bearer and vice versa. |
| 6816    | Throughput measurement may be inaccurate if the transmission data rate exceeds the physical bandwidth of the test interface.   |
| 6793    | IP Traffic Generator can generate traffic with payload size less than 1455 bytes only.   |

| Issue # | Summary   |
|---------|---|
| 6718    | Two packaged test scenarios that include the “Bearer Resource Allocation” procedure do not work.<br>Affected test scenarios:<br>1. Bearer Creation from UE.<br>2. IPv6 Traffic Generation.<br>Solution:<br>1. Delete the “Bearer Resource Allocation” procedure and recreate it.              |
| 6722    | The packaged test scenario, “IPv4 Traffic from SGW” fails because the wrong configuration is selected.<br>Solution:<br>1. Select “Basic LTE Network” configuration instead of “LTE Network with Co-located SGW & PGW”.  |
| 6421    | The “Program Compatibility Assistance” dialog may appear with the message “This program might not have installed properly” after installation on Windows 7.<br>Solution:<br>1. Ignore the error by selecting “This program installed correctly”. Or<br>2. Run the installer as Administrator. |