

# Spirent **Landslide™ C50**

## Mobile Packet Core Performance Test System

Spirent's Landslide C50 Test System provides an economical solution for customers who require the complete functionality of a full Landslide C100 Test System, but at smaller scale and lower data performance. The Spirent C50 appliance is based on a similar hardware architecture and the same software solutions as the more powerful C100 Performance Test System.

### Solution Overview

Designed to meet the requirements of small scale test beds and development environments, the economical Landslide C50 Test System uses the same GUI as the powerful Landslide C100 Test System and is based on the same Intel® technologies. It provides all the functionality required for testing individual network elements or accomplishing mobile packet core end-to-end testing. Spirent Landslide's complete set of test applications, node emulators and supporting features are available for the Landslide C50.

### Network Equipment Developers

Network equipment developers can use Landslide's test applications for functional testing of network elements under development. In addition, node emulators can be used to provide a realistic test environment for more advanced testing during the development phase. Test scripts and automation created during development testing can be directly leveraged on larger and more powerful Landslide C100 Test Systems by regression teams.

### Network Operators

Service providers can use the C50 for equipment acceptance testing, service verification and call modeling, as well as many other applications. Spirent's Landslide is used by all major network equipment developers and testers. It provides the all-important third-party assurance of proper functionality prior to deployment. Whether it is confirming network element functionality or prototyping a new service, Spirent's Landslide enables operators to make the right decision with confidence.

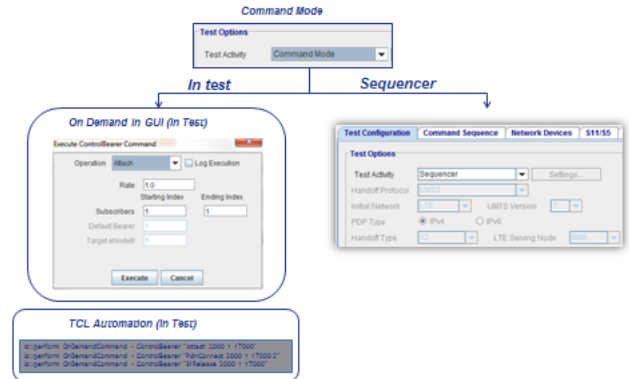


## Call Modeling with Command Mode

The Landslide C50 fully supports Spirent’s powerful command mode sequencer and Tcl automation interface. Utilizing these capabilities the C50 can be used to implement the complex call models required for validating busy hour behavior.

## Summary

For NEMs and operators Spirent Landslide provides the test tools to validate network and element functionality, scale and capacity and data performance. Busy hour call modeling and automation capabilities give testers and developers the assurance that test conditions and execution is dependable and reproducible, thus giving them the assurance and confidence that test results are correct time after time.



## Ordering Information

The Spirent C50 Test system is composed of an SPT-C50 appliance that hosts the test manager and a test server process. For end-to-end testing and applications requiring moderate capacity an add-on test server appliance can be added. Test port NICs must be purchased separately from the C50 appliances.

Landslide C50		
Part Number	Product Name	Description
L-C50-SYS	Landslide C50 Test System	SPT-C50 appliance including test manager application and test server process, requires NICs
L-C50-TS	Landslide C50 Add-on Test Server	SPT-C50 appliance with additional test server process for addition to L-C50-SYS
L-APP-020-C50	Landslide C50 LTE Gateway Test Application	For testing of SGW, PG and combined GW
L-APP-021-C50	Landslide C50 LTE MME Test Application	For LTE MME and E2E ePC testing
L-APP-038-C50	Landslide C50 Wi-Fi OL GW Test Application	For testing for WoGW, includes WAN AP
L-APP-040-C50	Landslide C50 eMBMS Test Application	For testing of combined eMBMS-GW and BMSC
L-FT-035-C50	Landslide C50 LTE Core Emulation	Emulates MME, SGW and PGW as a single unit, provides S1-MME, S1-U and SGi interfaces
L-FT-49-C50	Landslide MME Command Mode Option	Tcl and GUI accessible on-demand procedure/call flow test activities for MMEs

Contact your Spirent Sales Representative for more information.

spirent.com

AMERICAS 1-800-SPIRENT  
+1-818-676-2683 | sales@spirent.com

EUROPE AND THE MIDDLE EAST  
+44 (0) 1293 767979 | emeainfo@spirent.com

ASIA AND THE PACIFIC  
+86-10-8518-2539 | salesasia@spirent.com