

# Spirent Virtual LabServer

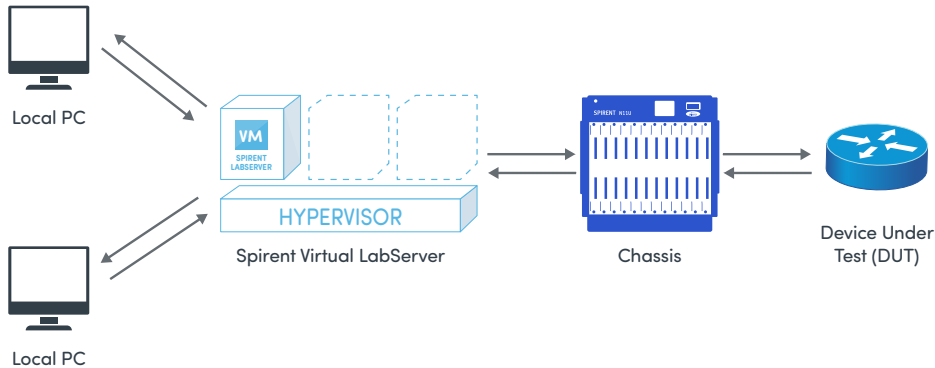
## Solution Overview

In today's cloud test environment, collaboration and efficiency are critical in high-coverage, high-availability testing. Spirent Virtual LabServer provides an effective solution to leverage your infrastructure equipment, time, and people.

Spirent Virtual LabServer is a virtual machine deployed with off-the-shelf hypervisors. With Virtual LabServer, the test logic moves from the local PC to the Virtual LabServer virtual machine. The architecture allows multiple users to share the test harness and run multiple tests concurrently. Users can disconnect from a live test and reconnect at a later time.

Several testbeds require deployment of multiple instances of Spirent TestCenter software and hardware. Therefore, multiple instances of the Virtual LabServer can be deployed with different versions of Spirent TestCenter.

Virtual LabServer allows for dynamic scalability as testbeds and regression environments grow. By deploying multiple instances of Virtual LabServer, the number of parallel test sessions can be increased dynamically. Alternatively, allocating more RAM and more CPUs to the virtual machine can achieve a similar result.



## Features

- Scripting automation: engineers can develop scripts and debug interactively
- Regression harness: test harnesses can connect to Virtual LabServer to run scripts against hardware
- Multiple revision support: allows testbeds with different versions of Spirent TestCenter and multiple instances of Virtual LabServer
- Scalability: deploy multiple instances of Virtual LabServer or allocate more resources to increase sessions

## Requirement

- Spirent TestCenter 4.65+

## About Spirent

Spirent Communications (LSE: SPT) is a global leader with deep expertise and decades of experience in testing, assurance, analytics and security, serving developers, service providers, and enterprise networks. We help bring clarity to increasingly complex technological and business challenges. Spirent's customers have made a promise to their customers to deliver superior performance. Spirent assures that those promises are fulfilled.

For more information visit:  
[www.spirent.com](http://www.spirent.com)

## Benefits

- Effectively use test resources by allowing users to connect and disconnect from a live test
- Enable collaboration by allowing multiple users to connect to the same live test and facilitate debugging
- Real-time debugging of automation scripts
- No hardware required
- Scalable via deployment of multiple virtual instances
- Allows multiple revisions of Spirent TestCenter to be deployed simultaneously in test environments

## Supported Modules & Platforms

- All Spirent hardware
- Spirent Test Center 4.65+
- Supports Spirent TestCenter Virtual ports
- Currently supported in 2 formats:
  - Ova format for VMware
  - Raw IMG file for other platforms

## Recommended System Requirements:

- 4 core CPU
- 32 GB RAM
- 500 GB disk (SSD or better)

Note: Disk usage is dependent on how many test results are maintained in TestCenter IQ database. Refer to the TestCenter IQ User Guide (Online Help) for details on how to export results for off-board archival.

## Ordering Information

Description	Part Number
Virtual Lab Server 5 sessions Perpetual	VLS-SESSION-005
Virtual Lab Server 10 sessions Perpetual	VLS-SESSION-010
Virtual Lab Server 25 sessions Perpetual	VLS-SESSION-025
Virtual Lab Server 100 sessions Perpetual	VLS-SESSION-100

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