SPIRENT GLOBAL SERVICES

NETWORKS AND APPLICATIONS

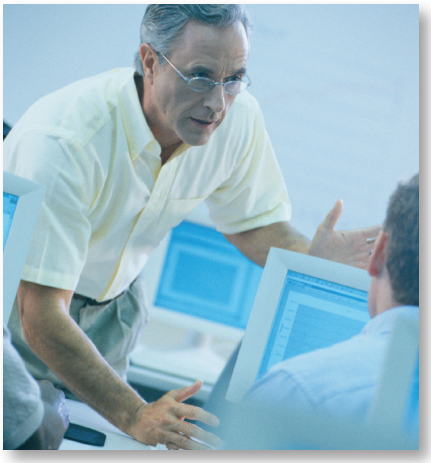
EDUCATION SERVICES

MAXIMIZE YOUR INVESTMENT

Ownership of any network testing equipment represents serious capital investment. Ownership of Spirent testing equipment provides you with the most powerful and varied of testing capabilities in the industry.

Maximizing your investment, by taking full advantage of all Spirent products rich testing features, clearly benefits your bottom line.

- Utilize full testing capabilities
- Minimize time to test
- Accelerate time to market
- Assure product and service quality
- Increase your competitive advantage
- Improve your team's effectiveness



COMPREHENSIVE GUIDANCE

Spirent Education Services offers training options so you can obtain comprehensive instruction on current and emerging technologies when and where you need it. Seasoned instructors teach hands-on courses that are delivered off-site or on-site using proven instruction techniques. Training offerings include:

- **Web-Based Training**: Access training 24 x 7. Spirent's Web-based training provides on demand access to courses covering a broad array of test and measurement fundamentals.
- **Instructor-Led Training**: Master the latest testing technologies. Spirent's Instructor-led courses help students apply the latest testing methodologies and applications.
- **On-Site Training**: Bring the classroom to your business. On-site training greatly reduces travel expenses. You and your team will learn to fully leverage the latest testing methodologies and applications in your unique testing environment.
- **Custom Training**: Design a course to fit your requirements. Spirent's custom training programs are tailored to your company's needs so you are in control of what, when and where you learn.
- **Distance Learning**: Have an Instructor-led customized course delivered via the Web, and have your students trained at the convenience of their desks.
- **Certification**: Validate your tester's skills. Provides a benchmark to evaluate candidates in this highly technical and demanding field.

WEB-BASED TRAINING

Spirent Education Services offers a variety of training options for each main product. Enhanced Web-based training courses are offered as a value added service to those customers who have an existing service contract. Web-based training is accessed via Spirent Campus (www.spirentcampus.com). Course categories:

- **'Essentials of' courses**: For new users and getting started. Training topics for Administrators and Users. Courses topics include: System Overview and Concepts; Application Overview; How to Access Resources on the Customer Service Center and the Spirent Knowledge Base. Offered for all mainline Networks and Applications products
- **'Continuing Education' courses**: For students wishing to commit to a deeper level of learning. A more dedicated, long-term and comprehensive curriculum. Offered for Spirent TestCenter and Avalanche products. Incorporates Video Presentation and Demonstrations; Configuration Workflows and Simulations; Reference Documents and Job Aids.

Separate **iTest computer based training (CBT) training** is also avalable on request through Spirent sales.

INSTRUCTOR-LED TRAINING

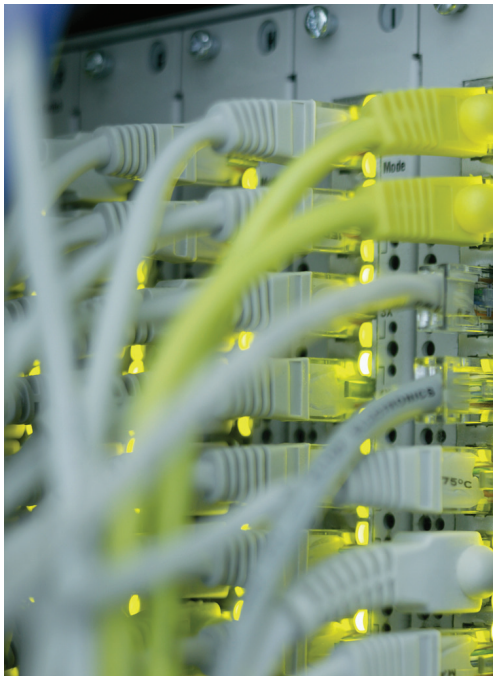
Spirent Education Services offers a variety of training options for each main product. Instructor-led courses are offered in options for up to 4 or up to 8 students to best meet your budget. Distance learning options are also available. Instructor-led training is considered the most effective, due to the dynamic interactivity between students and the trainer.

Learning is accomplished through a combination of lectures and hands-on labs. An expert instructor in the performance test and measurement field presents the lecture. The labs are accomplished using Spirent Communications' state-of-the-art remote lab, which is equipped with performance analysis equipment and select network hardware.

Instructor-led courses can be delivered at the customer site, a Spirent site, or off-site. They are product focused and contain enough methodology to support the content. Content is targeted at beginning to advanced students.

Standard Product Training: Standardized 2-day curriculum for new users. Most cost effective, time managed and structured way of getting your users up to speed.

Custom Training: Content tailored to your company's needs. Offered on a per-day basis, a minimum 2 days required unless ordered with some other Spirent Education or Implementation Services part number and delivered on consecutive days. A common arrangement is to order the 2 days of standard product training supplemented with one or more custom days.



CUSTOM TRAINING

Course Overview

The length, content and location of these hands-on, Instructor-led, courses are determined by the customer and Education Services. The content is customized to the customer's specific requirements and curriculum needs. These courses are targeted at intermediate and advanced levels of students.

Sample Custom Course Topics

PRODUCT PLATFORM SPECIFIED BY CUSTOMER	
• Test Automation	• How to Test BGP
• How to Test Access Protocols	• How to Test MPLS/VPNs
• How to Test Data Centers	• How to Test Multicast
• How to Test Layer 2 Ethernet/VLAN	• How to Test Layer 4-7
• How to Test Layer 3 IPv4	• How to Test IPSec Tunnels
• How to Test Layer 3 IPv6	• How to Test Firewall Load Balancers
• How to Test QoS	• How to Test IPTV
• How to Test OSPF	• How to Test Triple Play
Hands-on labs are a standard feature of custom training.	

Prerequisites

Each student should have a basic understanding of networking technologies. In addition, it is recommended that the student complete the associated "Standard Product Training" Instructor-led course, or "Essentials of ..." web-based training on Spirent Campus prior to attending this course.

CERTIFICATION

The Spirent Certified Performance Expert (SCPE) Certification offers a way to validate your tester's skills. Spirent Networks and Applications offers a way to validate your tester's skills. Available only after achieving prerequisite qualifications. See Spirent Campus for details.

Two SCPE certification tracks are currently offered:

- Testing Network Infrastructure with Spirent TestCenter
- Testing Security Infrastructure with Avalanche

SCPE

SPIRENT CAMPUS

Visit www.spirentcampus.com to enroll in training 24/7. Online testing for quizzes and certification exams is available. You need not commit to an entire certification track. Access individual Web-based courseware based on your product or technology training requirements.

Product training for:

- Spirent TestCenter
- Avalanche
- Landslide
- Abacus
- AX/4000
- SmartBits
- Spirent Studio

SPIRENT CAMPUS™

SPIRENT ITEST CBT

Supplementary online computer based training is also available. For more information on enrollment procedures contact: iTest-Training@spirent.com

SPIRENT EXPERTISE

Spirent training staff comprises an accomplished team of certified networking professionals. The team possesses years of training, with extensive hands-on experience testing and knowledge of troubleshooting diverse networks. This expertise enriches instruction of students for all Spirent platforms. We deliver courses across the U.S. and in many international locations.

CUSTOM TRAINING CUSTOMERS

Customers successfully helped by Spirent vary among numerous industries served. Those benefiting from Spirent Education Services comprise the military, international telecommunication and wireless companies, service providers and network equipment manufacturers, media and technology enterprises along with aviation/aerospace corporations in the commercial and military sectors.

ORDERING INFORMATION	
Description	Part Number
2 Days Product Training for up to 8 Students	SVC-7060
2 Days Product Training for up to 4 Students	SVC-7061
1 Day Distance Learning for up to 8 Students	SVC-7062
1 Day Distance Learning for up to 4 Students	SVC-7063
Custom Training per day for up to 8 Students *	SVC-7064
Custom Training per day for up to 4 Students *	SVC-7065
Computer-Based Training (CBT) for Avalanche **	SVC-7200
Computer-Based Training (CBT) for Spirent TestCenter **	SVC-7201
Computer-Based Training (CBT) for ITEST **	SVC-7203
*Minimum 2 days required unless ordered with some other ES/IS part number and delivered on consecutive days.	
**Offered as a value added service to those customers who have an existing support contract.	

CONTACT US

For more information, call your local Spirent sales representative, visit us on the web at: www.spirent.com, or email us at spirentcampus@spirent.com

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