



## Worldwide Education Services

### Introduction to Ixia

**Course Code** 985-1001

**Length:** 1 day

**Level:** Basic

**Prerequisites:** None

**Synopsis:** This course introduces the Ixia test platform together with IxExplorer™, Ixia's L2-3 data application, and QuickTest, which provides pre-built test applications. An overview of the Ixia test platform is presented, followed by hands-on labs that focus on the capabilities and features of IxExplorer. Learn how transmitted frames are formatted, instrumented, and varied, along with receive-side capabilities for filtering, capturing, and statistical analysis. After gaining experience with IxExplorer, the student is introduced to QuickTest, where the functions of IxExplorer are put to use in running complete test algorithms.

#### Objectives

Upon successful completion, students will be able to:

- Describe Ixia product functionality
- Navigate IxExplorer's graphical user interface
- Set up and execute layer 2 and layer 3 tests for a DUT
- Capture and analyze IxExplorer traffic
- Measure latency and jitter in received traffic
- Check the data integrity of received traffic
- Contrast basic vs. advanced IxExplorer streams
- Describe the workflow of an QuickTest RFC2544 test

#### **Ixia Worldwide Headquarters**

26601 Agoura Rd.  
Calabasas, CA 91302

**(Toll Free North America)**

1.877.367.4942

**(Outside North America)**

+1.818.871.1800  
(Fax) 818.871.1805

[www.ixiacom.com](http://www.ixiacom.com)

#### **Ixia European Headquarters**

Ixia Technologies Europe Ltd  
Clarion House, Norreys Drive  
Maidenhead SL6 4FL  
United Kingdom

**Sales +44 1628 408750**

**(Fax) +44 1628 639916**

#### **Ixia Asia Pacific Headquarters**

21 Serangoon North Avenue 5  
#04-01  
Singapore 554864

**Sales +65.6332.0125**

**Fax +65.6332.0127**