

Quick Card

VIAVI TrueSpeed[™] Throughput Test Windows Software Client to Fusion[™] Test Agent

TrueSpeed is a repeatable, standards-based test methodology designed to resolve complaints about poor network performance. Based on RFC-6349, TrueSpeed measures upstream and downstream TCP throughput and provides your internet service provider with diagnostic information regarding the TCP connections. This document outlines how to execute the TrueSpeed test from a downloadable Windows software client to your internet service provider's VIAVI Fusion Test Agent.

Equipment requirements:

- PC or laptop with the following specs:
 - Intel Core i5 or better CPU
 - Microsoft Windows OS version 7 thru 10
 - Internet Browser (Internet Explorer v11 or later, Google Chrome v61 or later, or Mozilla Firefox v56 or later)
 - \circ Gigabit network card
- TrueSpeed test URL from Service Provider
- Installation privileges on PC or laptop

Launch and Install TrueSpeed Test Client:

- 1. Connect the network card on your PC or laptop to a Gigabit port on the router providing internet access.
- 2. If your security policy allows, temporarily disable any VPN, anti-virus software and firewalls.
- 3. Launch an Internet browser and enter the TrueSpeed test URL to access the VIAVI Layer 4 Test web page.
- If this is the first time a TrueSpeed test is executed from this PC, click on Step 1: <u>Download Windows</u> (64-bit) Installer. Otherwise proceed to Page 2.
- 5. Follow on-screen instructions to install the VIAVI TrueSpeed test client. When complete, return to the Internet browser window.



Figure 1: Equipment requirements



Figure 2: Download Installer



Figure 3: Setup Wizard



Run Test:

- Click on Step 2: <u>Download Config File</u> to launch the TrueSpeed test.
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AND TO THE DEPARTMENT		AND THE INTERPORT	(MIRE)
20 10 0 5 10	TC 15 29 Hapsed Time (d)	2P Throughput (Mbps)	7.12 Mbps
TCP MSS: 1460 bytes			

Figure 5: Intermediate test results



2. Observe the real-time test results and wait for the TrueSpeed test to complete.

- When the test is complete, review the test results summary and close the Internet browser window.
 A comprehensive test report is available to your internet service provider on their Fusion Test Agent.
- 4. If disabled, re-enable any VPN, anti-virus software, and firewalls.

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