APPOSITE
TECHNOLOGIES

Test the Limits of your Network with

TrafficJam

Test the Capacity and Performance of your Networking Equipment

TrafficJam™ is a high-performance, low-cost test tool that generates up to 1 Gbps of TCP and UDP traffic for measuring the capacity of networks and networking equipment.

This light-weight, portable device generates stateful TCP connections that provide realistic responses to changing network conditions. Configure TrafficJam to match real traffic or test the effect of TCP parameters on network performance.

TrafficJam's live graphs and statistics allow real-time monitoring of connections in an easy to use, browser-based GUI.

CAPABILITIES

Send and receive up to 20 separate TCP connections and UDP streams simultaneously.

Generate 1 Gbps of traffic through each of the two separate ethernet test ports.

Assign up to 20 separate IP addresses (IPv4 or IPv6) per port.

Use multiple devices to test across networks to separate physical locations or a single device to run loop testing in a lab.

Run each traffic stream once, multiple times or continuously and analyze data in real time.

Group separate connections to run simultaneously or graph together.

CONFIGURATION OPTIONS

IP Configuration Options

- IP addresses (IPv4 or IPv6) - 20 per port
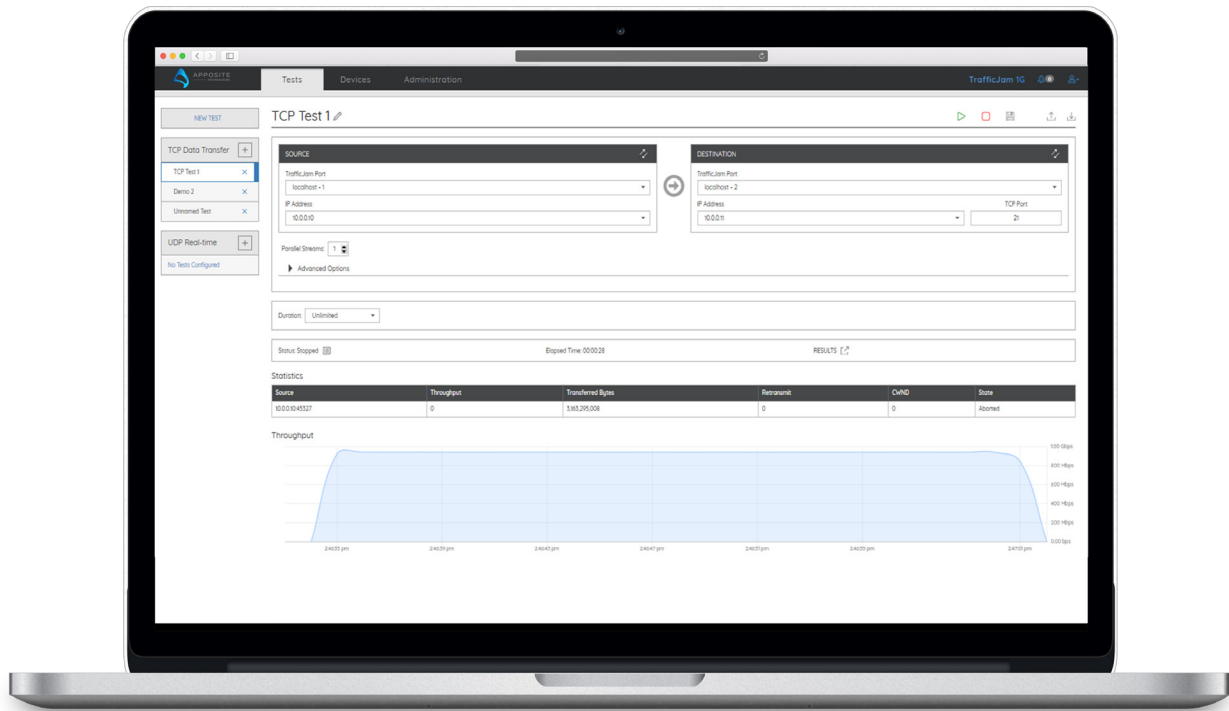- IP MSS
- IP Type of Service (ToS)

TCP Configuration Options

- Number of parallel TCP connections
- Connection completion criteria (time, bytes, continuous)
- Max. transmit rate per connection
- TCP receive window size
- Congestion control algorithm
- Packet contents

UDP Configuration Options

- Number of parallel UDP streams
- Transmit rate per stream
- Stream completion criteria (time, bytes, continuous)
- Packet contents (zeros, ones, pattern, random, input file)

USER INTERFACE

SPECIFICATION

Capacity	
Test Ports	2x Gig Ethernet (copper)
Max. Agg. Throughput	2 Gbps
Maximum Packet Rate	350,000 pps
Maximum Frame Size	9k
Interfaces	
Management	1x Gigabit Ethernet (GE), 1x RS-232 serial **console**
Power Supply	Single
Security	SSH, no SSL. Password protection
Warranty & Support	
Hardware Warranty	1 year
Support & Maintenance	1 year
Ordering Information	
Part Number	TJ1G

About Apposite

Apposite Technologies has become the leader in enterprise-class network test tools by offering high-performance products with unmatched ease-of-use at unbeatable prices. Apposite's award-winning Netropy and Linktropy WAN emulators simulate bandwidth, latency, loss, and other network impairments to test the performance of applications under a spectrum of real-world conditions. Apposite's new TrafficJam stateful traffic generator provides a highly affordable solution to test the capacity of networks and networking equipment. Apposite's products are widely deployed by leading enterprises, application developers, carriers, and government organizations around the world.