

# 400G TRITON

## CYBER ATTACK SIMULATION

Prove and enhance your cyber security posture with our Cyber Attack Simulation tool.

### ATTACK

Replicate attacks from low and slow password spraying and high rate capacity DDoS to AI poisoning. If you have a PCAP of an attack, this appliance can play it, if you don't have a PCAP then the 400G TRITON CAS can generate it. Spawn malicious traffic at volume to directly test the target, system or team.

### DEFEND

SOC and IR teams can be put to the test by attacking the network and infrastructure at high rate with multiple attacks from multiple vectors. Achieve a cutting edge response team to reduce the fallout from an attack by practicing against highly realistic and orchestrated attacks.

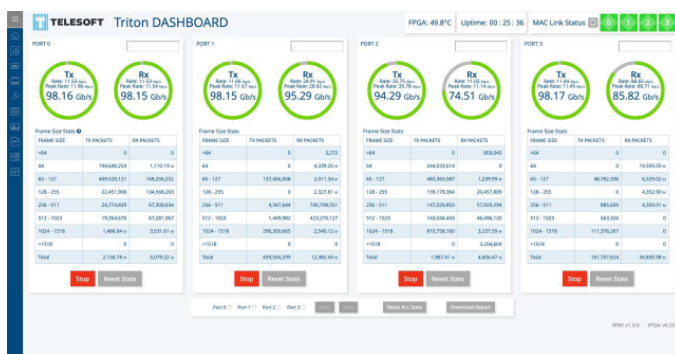
### ENTROPY

Overcome traffic replay stagnation through entropy generation by combining direct traffic ingest with source/destination IP randomisation, creating bespoke traffic patterns.

### IN-BUILT ATTACK SCENARIOS

- TCP Flood
- LAND Attack
- TCP Port Scan
- UDP Flood
- ICMP Flood
- Low and Slow
- Botnet / Malware
- Worm
- Exfiltration
- Network Traffic
- SYN, ACK, FIN, PSH, RST, URG, etc
- Local Area Network DOS
- SYN Scan, FIN Scan, ACK scan, NULL scan, XMAS
- 100 Byte, 1024 Byte, 1472 Byte, 1480 Byte
- Echo, Time Exceeded, Destination Unreachable
- C2 botnet, teardrop, slowbody, slowloris
- Zero dropshot, Mirai, ZeroAccess, Necurs, Kelihos, Gameover Zeus
- Njworm, Morto
- DNS Tunnel
- Netflix, Facebook, YouTube, BitTorrent, Ebay, ESPN

## CYBER ATTACK SIMULATION 400G TRITON



Triton Dashboard



Triton Threat Scenario Configuration

#### HEADQUARTERS

Telesoft Technologies Ltd  
Observatory House, Stour Park  
Blandford DT11 9LQ UK  
+44 (0)1258 480880  
+44 (0)1258 486598  
sales@telesoft-technologies.com

#### SAUDI ARABIA

Telesoft Arabia  
ATEO Building  
P.O. Box 718 - Dammam 31421  
Kingdom of Saudi Arabia  
+966 13 833 5588  
salesindia@telesoft-technologies.com

#### LONDON

Telesoft Technologies Ltd  
Octagon Point,  
Office 501,  
5 Cheapside, St. Pauls,  
London EC2V 6AA  
sales@telesoft-technologies.com

#### ASIA

Telesoft Technologies Ltd  
Unit No B 409-410  
Floor 4, Plot 8, Sector 62  
Noida, 201309  
+91 120 612 7725  
salesindia@telesoft-technologies.com

## KEY FEATURES

560Mpps traffic generation over 4 x 100GbE ports	Inject threats into background traffic
Amplify and mix PCAP, live traffic streams, and synthetic traffic profiles	Open-source TRex support
In-built threat catalogue - one click threat generation	Create DDoS botnets to single flow data exfiltration
Create complex traffic profiles	Multiple traffic profiles and PCAPs per 100GbE port
5s sustained record 100Gb/s line-rate	Real time attack traffic visualisations
Simple or complex threat scenarios supported by embedded VMs for stateful attack capability	Campaign manager enables full control over multiple attack scenarios

## TECHNICAL SPECIFICATIONS

Physical	<ul style="list-style-type: none"><li>• 1U 19-inch rack mount</li><li>• 1.7 x 17.2 x 30.6 in (4.3 x 43.7 x 77.7 cm)</li></ul>
Connectivity	4 x 100GBASE-LR4 QSFP28
Performance	<ul style="list-style-type: none"><li>• Over 560Mpps spread across 4 x 100GbE ports</li><li>• Amplify up to 16 million flows per single PCAP file</li></ul>
Control	<ul style="list-style-type: none"><li>• Telesoft Triton GUI</li><li>• TREX interface</li><li>• RestAPI for integration with automated test</li></ul>
TRex	Supports TRex yaml config file
Power Stats	300W typical, and 400W peak

## ORDER OPTIONS

Part Number	Description
500003096	400G Triton CWS, 1U, 4 x 100GbE, QSFP28

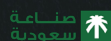


Telesoft Public



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