PacketStorm400E **IP Network Emulator**



"Providing the Internet in a box"

Features and Description:

The PacketStorm IP Network Emulators reproduce the unfavorable conditions of IP Networks and WANs in a controllable and repeatable lab setting. The emulator recreates the dynamic behavior of the Internet such that any network model can be reproduced including those models that change with traffic, time, or the behavior of another traffic flow.

Video Applications:

The PacketStorm400E has video centric features such as: Dynamic Impairments with separate queues for testing DASH Video, FEC Aware Matrices, Hitless / Seamless Protection Switching, and RTP Marker Filter with Offset for Active Video.

Filters:

- Source & Destination Address
- Source & Destination Port •
- Protocol
- ToS & DSCP •
- •
- MPLS
- •
- MAC •
- Universal •
- Bit Pattern
- IPv6 •
- •
- MPEG-2

MOS Packet Length . **Delayed** Factor • VLAN Media Loss Rate

- Packets

- PacketStorm400E
- Advanced Performance •
- Either Two, Four, or Six Ports •
- State Machine Capability •
- Ethernet Interfaces up 1 Gigabit •

Impairments:

- Delay
- Jitter
- Drop
- Decimate •
- Duplicate
- Re-order •
- Throttle •
- Fragment
- Burst Drop .
- Packet Accumulate & Burst •
- Bit Error •
- MOS
- Frame Relay •
- Insert Data
- Delete Data •
- **RTP** Sequence Drop
- FEC Aware
- Active Video

- TTL
- Protocol

ToS

DSCP

Modifiers:

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• Transport Checksum

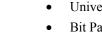
Source Address

Destination Address

- Network Checksum •
- Source Port •
- **Destination Port** .
 - Fragment •
 - MPLS
 - •
 - •
 - •
 - IPv6 •
 - Pseudo Wire Ethernet
 - RTP •
 - MPEG-2 •

- VLAN
- MAC

- Universal



- •

- PPPoE
 - **RTP** Sequence



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- Delay .
- Loss
- R-factor •

Statistics:

Bandwidth