

## Best value for money

Multi user system

No hidden costs

## Easy to use

Multi platform and license free clients

Intuitive GUI and powerful automation

## Premium support

Direct line to experts

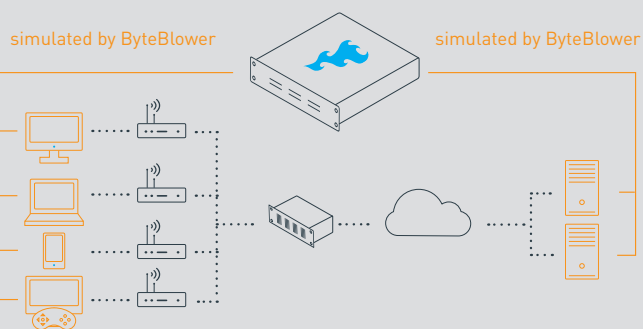
N°1 independent DOCSIS® testing lab

**EASY & COST-EFFECTIVE**  
DEVICE/NETWORK TESTING IN  
ACCESS NETWORKING DOMAIN

# GOAL

WITHOUT COMPROMISING ON  
**FEATURES AND QUALITY**

## CONNECT



## CONFIGURE

PLAY WITH **PARAMETERS** SUCH AS:

- MAC, IPv4, IPv6,...addresses
- NAT, VLANs, protocols
- Unicast, broadcast, multicast
- Frame rate, frame size
- TCP receive window, congestion algorithm, timing of the different flows

## RUN

Port	Type	Address	Prefix len	Gateway
LAN port	DHCPv4	192.168.1.129	24	192.168.1.1
WAN port	DHCPv4	10.8.2.179	24	10.8.2.1

Flow	Role	Port	Bitrate (kbps)	Framerate (fps)	Latency (ms)	Out of sequence
Upstream	Transmitter	LAN port	819.20	100.0		
	Receiver	WAN port	819.20	100.0		

## REPORT

### CONFIGURATION

- Received IP addresses, DHCP, stateless auto-configuration NAT, VLAN, ...
- Auto-discovered IP/port translations
- Configured flow parameters

### RESULTS

- Throughput and loss: both average and the result over time
- User experienced TCP performance
- Latency and jitter: average, distribution and result over time
- Packets received out of sequence
- Aggregate results per port

**LET US PROVE IT'S EASY TO USE: BUILD AND EXPLAIN YOUR TEST CASE IN A MATTER OF MINUTES DURING AN ONLINE DEMO.**

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Established in May 2000, Excentis offers **testing and consulting services, specialized training and products for the telecom and ICT industry.**

Excentis strongly believes in its company values of **integrity and vendor independence.** Our well-equipped lab and proven expertise in IP, VoIP, SIP, Digital TV, network security, HFC networks, (Euro)DOCSIS™ and (Euro)PacketCable™, Wi-Fi and LTE interference make Excentis the European competence center. Cable and telecom operators and service providers rely on us for unbiased, technical support.

Based on this expertise, **Excentis also develops test and monitoring products.**

ByteBlower is a full-featured, easy and cost-effective network testing tool, focusing on the access networks. Its ease of use and premium support makes it the preferred solution in many labs. Cable operators use our VoIPexaminer product to monitor the quality of phone calls. Besides advanced analysis and reporting features, it provides alarm generating functions that enable operators to accurately pinpoint and solve network problems with minimum response time.

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