CHIMERA

Chimera is Xena's network impairment emulator that makes it easy to introduce consistent, accurate, well-defined and repeatable impairments – e.g. packet manipulation, latency, jitter, bandwidth control and shaping – to traffic between the DUTs in the lab.

Chimera can be used a "standalone" solution for emulating various forms of impairment at 5 speeds from 10GE to 100GE. It can also integrate seamlessly with ValkyrieManager and VulcanManager, making it quick and easy to add impairment to traffic being generated by these platforms.

SOFTWARE

Chimera Manager

ChimeraManager makes it easy to test different types of impairments e.g. drop, latency/jitter, misorder, duplicate, policing, shaping and corruption.

CHASSIS

ChimeraCompact
Chimera is available as a standalone tester that can add impairment at all speeds from 10GE to 100GE.

Alternatively, Chimera can be installed as a test module (2-slots) in a ValkyrieBay chassis. The impairment functionality then becomes available via ValkyrieManager

SPEEDS

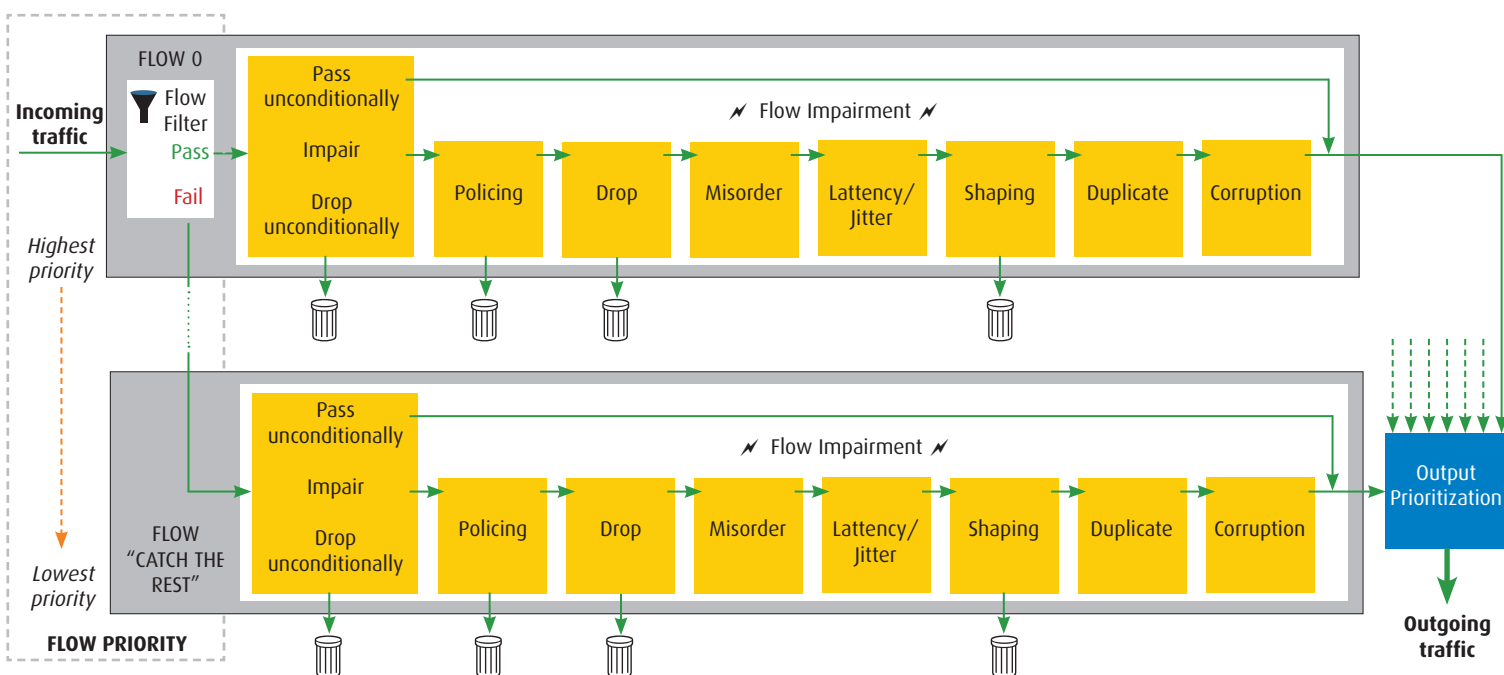| <100 MB	1 GE	2.5 GE	5 GE	10 GE	25 GE	40 GE	50 GE	100 GE	200 GE	400 GE
				✓	✓	✓	✓	✓		

CHIMERA MAKES IT EASY TO ADD IMPAIRMENT UP TO 100GE

Equipment manufacturers need to test new or updated products by adding impairment to emulate all the interference commonly encountered in the real world. This is especially relevant for "time-sensitive" (e.g. videos, financial) traffic transmitted across a diverse networks and devices, including 5G mobile/wireless connections.

Chimera is a cost-effective solution that makes emulating impairment easy. It can be used as a standalone tester, or as part of a Valkyrie Layer 2-3 traffic generation and analysis platform. Chimera can also be combined with Xena's Vulcan platform to test layer 4 goodput.

Currently, Chimera can emulate impairment on Ethernet traffic at all speeds from 10GE up to 100GE, where the traffic is divided into up to 8 flows that are impaired individually, and the flows are defined by the protocol contents in the packet header. (When used in Valkyrie, it can be defined by Valkyrie's test packet ID.)

LEARN MORE ABOUT CHIMERA

Main product page: **www.xenanetworks.com/chimera**

Online demo: **www.xenanetworks.com/livedemo**

Request a quote: **sales@xenanetworks.com**

XENA PRODUCT RANGE

VALKYRIE

Layer 2-3 Traffic Generator & Analysis Platform

VANTAGE

Layer 2-3 Ethernet Production Line Tester

CHIMERA

Network Impairment Emulator

VULCAN

Stateful Traffic Generator & Analysis Platform

SAFIRE

Enterprise Firewall Performance Tester