

# Network Visibility and Security Agility For Education Sector

Educational organizations and academic institutions often have a large and distributed IT infrastructure and digital footprint to cater to some of the most challenging users. Students and open culture educational environments are famous for pushing boundaries and adopting content and technologies that push security boundaries and networking performance. Security breaches in university networks can impact operational IT infrastructure and bring harm to research data and intellectual property. Video broadcasts, distance learning, multimedia

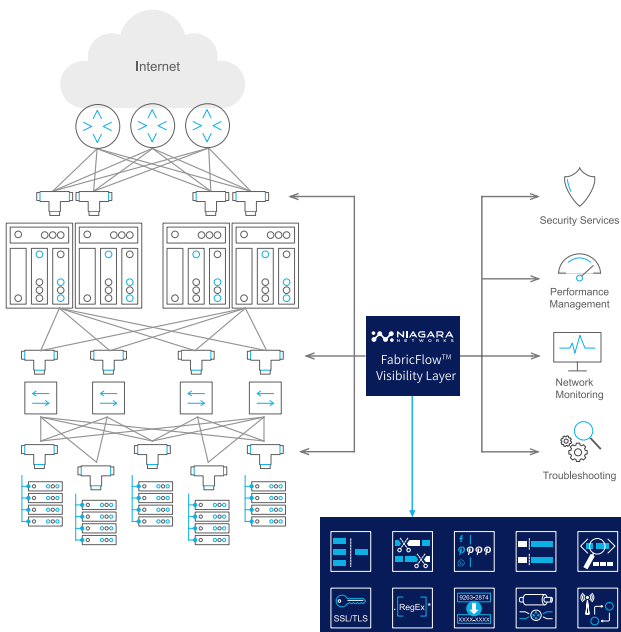
curriculum and student use of multiplayer gaming and virtual reality put networks to the test and require monitoring, management and policy control.

Niagara Networks' visibility solutions are deployed in universities and large educational organizations and enable pervasive visibility across the entire digital assets. Our partnerships with leading cyber security vendors enable complete set of tools that empower IT team to maintain, control and protect educational network environment.

- Inline bypass for threat prevention tools
- 100% packet flow visibility for network traffic intelligence
- NetOps and SecOps tools' efficiency
- Deep visibility into encrypted traffic
- Efficient data traffic collection for forensics/SIEM

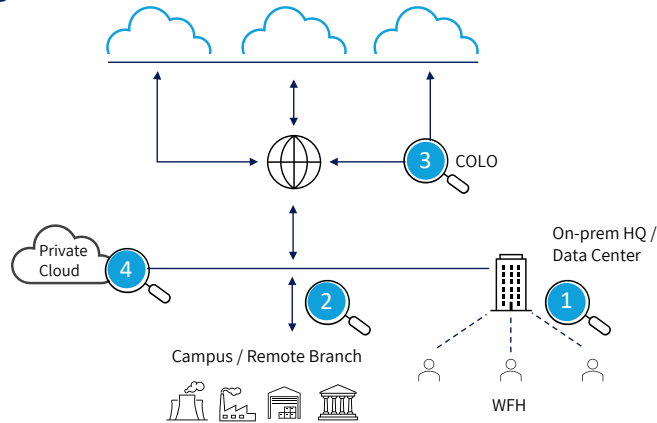
## Highlights

- Packet filtering & inspection for all layers up to L7 to enable network intelligence applications
- Aggregation/replication/optimization of traffic from sources to central security and monitoring tools
- High-availability – carrier-grade bypass for in-line tools - maximizing network uptime
- Load Balance for heterogeneous solution tools 1:1, 1+1, n+1 with actionable agile rules
- Tunnel handling: GTP filtering, GRE termination, MPLS/VXLAN filtering and stripping
- Embedded 3rd party virtual security tools into Niagara Networks' Open Visibility Platform
- SSL/TLS Decryption for deep flow visibility



# What problems do we solve?

Visibility platform  
Positioned at strategic  
Point of any network



Streamline & scale networks, services and security posture



Save CAPEX reduce cost of tools and infrastructure optimization



Reduce risks by enabling visibility and access to 100% of production traffic and enable 100% of network/ tools uptime

Discover more in our website



Network Packet Broker



Network Bypass



Niagara CloudRay



Network TAP



Open Visibility



Visibility Orchestration



SSL TLS

## ABOUT NIAGARA NETWORKS

Niagara Networks™ is a Silicon Valley based company that pioneered the Open Visibility Platform™ to bring desperately needed agility to network security.

Niagara Networks provides high-performance, high-reliability network visibility and traffic delivery solutions for the world's most demanding service provider and enterprise environments.

We Design, Develop and Manufacture our Products in Silicon Valley, USA.

