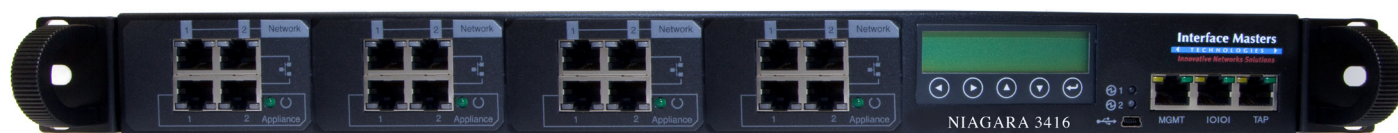


## Overview

Niagara 3416 is a TAP system that is capable of fully monitoring 4 network segments at Gigabit speeds. The Niagara 3416 can support multiple configurations as well as supports copper, Multi-Mode fiber and Single-Mode fiber media. The system architecture is designed for flexibility and each segment can be configured to operate in various modes including aggregation, packet injection, multiple port monitoring. The system supports a full suite of secure management including industry-standard management and logging tools.

The TAP features include two main TAP options, Split TAP Mode and Split TAP Link Aggregation Mode. Additionally, each TAP option can be configured to allow packet injection from the monitoring appliances.

The system provides flexible and intuitive CLI and GUI management features including secure web UI via an HTTPS connection, secure shell (SSH), SNMP, e-mail notification for special events, and failover method configuration. An authentication client capable of interfacing with authentication servers like TACACS+ is integrated into the system. In addition, the TAP system possesses Syslog support, enabling consolidation of log data from various systems into a central repository. This feature provides management, traceability and security auditing across a wide variety of devices and receivers on multiple platforms.



## Essential Features

Niagara 3416 provides features that are essential in today's data centers:

- Split TAP, and Link aggregation TAP support
- Packet Injection capabilities
- Many-to-one TAP support
- One-to-Many TAP support
- High availability failover capabilities
- Gigabit Copper, Multi Mode (SX) and Single mode (LX) support
- Redundant power supplies for maximum reliability
- Dedicated Management Port and Console Port
- Extensive CLI and WEB based management
- SSH and HTTPS for secure Management
- TACACS+ authentication
- Syslog support
- RoHS Compliant
- EMC, FCC Class A, UL (Safety) Certifications

Table 1 - Environmental

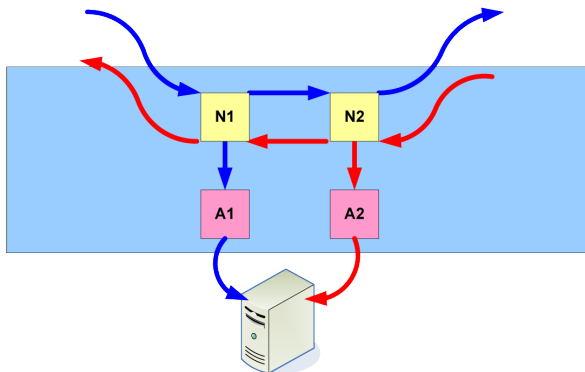
<b>Operating Temperature</b>	0 to 55 °C or 32 to 131 °F
<b>Operating Humidity</b>	5 to 95%
<b>Maximum power consumption</b>	Less than 47W
<b>Airflow</b>	100 lf/m

Table 2 - Dimensions

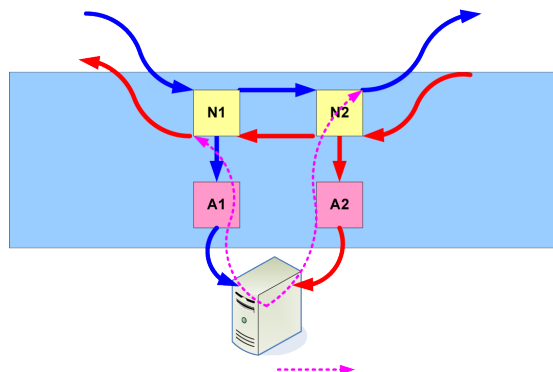
	mm	inches
<b>Length</b>	279.4	12
<b>Height</b>	44.5	1.75
<b>Width</b>	425.5	16.75

## Applications

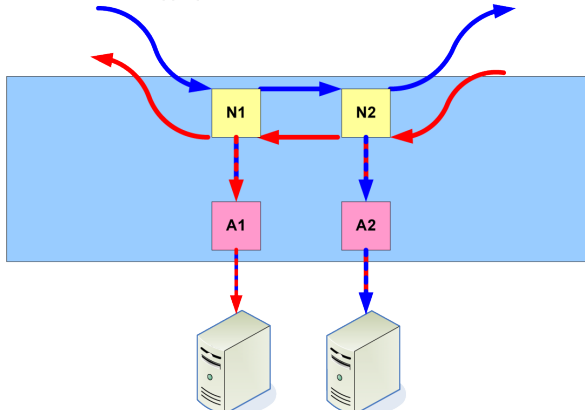
TAP Mode 1 – Split mode



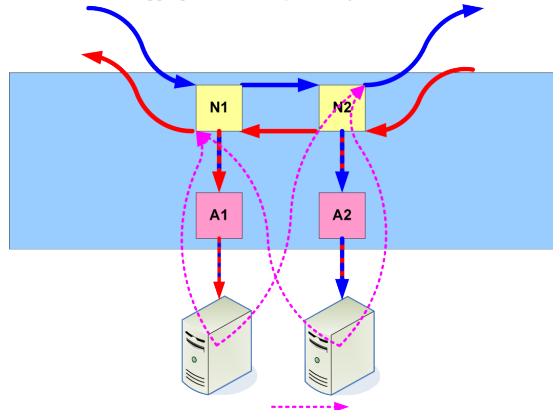
TAP Mode 1 – Split mode + packet injection



TAP Mode 2 : Aggregation mode



TAP Mode 2 : Aggregation mode + packet injection



### Product Line

- Network Interface Cards with Bypass
- Network Interface Cards without Bypass
- External Bypass Products
- SSL/IPSec Cards
- Embedded Switches
- Embedded Platforms
- Development Tools
- TAP Systems

### About Us

Interface Masters Technologies is a leading vendor in the Bypass Networking market, based in the heart of the Silicon Valley. Interface Master's expertise lies in Gigabit and 10 Gigabit networking solutions that integrate with monitoring, inline networking, security, central office and other mission-critical IT appliances. Flagship product lines include specialized internal server adapter cards, embedded switch cards, and external intelligent Network Bypass and failover systems that increase network reliability and inline appliance availability.

Offering over 70 products based on Fast Ethernet, Gigabit Ethernet, and 10 Gigabit Ethernet, Interface Master's adds value to the mission-critical IT sector requiring Security, UTM, Storage Area Networks (SAN), Intrusion Detection & Prevention, QoS, Packet Classification and WAN Acceleration appliances. Company Headquarters are located in San Jose, California with satellite offices in Hong Kong, Germany and the UK.



### Contact Interface Masters

227 Devcon Dr., San Jose, CA 95112  
Phone: 408-441-9341 x122  
Fax: 815-364-0888  
Email: [sales@interfacemasters.com](mailto:sales@interfacemasters.com)  
Web: [www.interfacemasters.com](http://www.interfacemasters.com)

## Interface Masters

TECHNOLOGIES

*Innovative Network Solutions*