



# Anue Systems

## Anue 5236 High Density 10G/1G Tool Aggregator

*Get the Most from Your Network Tools*

### Benefits

- Extend the range and depth of network tool coverage
- Share SPAN ports and TAPs
- Use 1G tools to monitor 10G networks
- Cut network infrastructure and monitoring costs
- Speed troubleshooting time
- Reduce operating costs through tool centralization

### Works With Any Tool

- Application Monitors
- IDS / Security
- Protocol Analyzers
- Data Recorders
- VOIP Analyzers
- Compliance Auditors
- Network Emulators



### Overview

The Anue 5236 Tool Aggregator provides a cost effective solution to the challenges of monitoring enterprise networks including: too many network segments to monitor, too many different tools to deploy, and too few SPAN ports and TAPs.

The easy to use system:

- Aggregates network data from any SPAN port or TAP in the data center to a convenient centralized tool farm
- Allows multiple tools to share access to all network data
- Load balances tools with packet filtering so each tool gets the data it needs

Tool Aggregation extends the range and depth of network tools' coverage in enterprise data center networks. The Anue 5236 increases the productivity of a wide range of network tools such as application monitors, sniffers, IDS, VoIP analyzers, and data recorders.

### Connectivity Options

The Anue 5236's proprietary Multi-Stream™ Switching (MSS) technology combines unlimited connectivity options with powerful packet filtering capabilities, so each tool is fed only the data it needs from anywhere in the network.

**Any-to-Any** – directs data from any link in your network to any tool

**Any-to-Many** – eliminates the shortage of SPAN ports and TAPs by multicasting traffic from one link to multiple tools

**Many-to-Any** – aggregates traffic from multiple links to provide tools a “big pipe” view

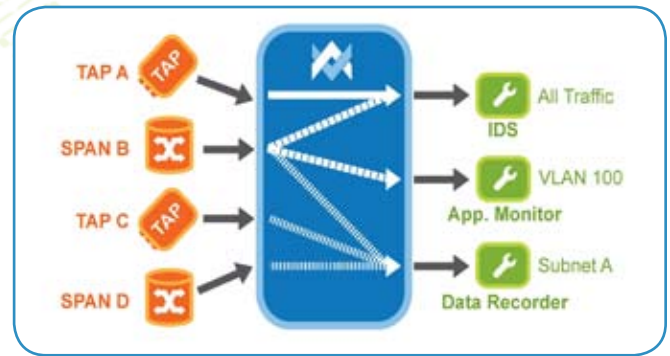
### Filtering Eliminates Tool Data Overload

The Anue 5236 can filter traffic data based on Layer 2–4 criteria including: MAC address, VLAN, Ethertype, IP address, IP Protocol, and port number. Filtering eliminates the tool data overload that is common in many data centers. As a result, powerful network tools work to their full potential and dropped packets will not compromise coverage.

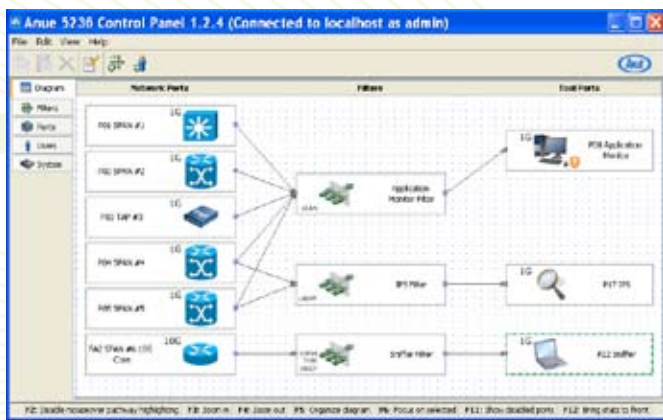


## Aggregation Control Panel

The Aggregation Control Panel makes it easy for network operators to manage the network tools in the data center and perform day-to-day troubleshooting. The graphical user interface (GUI) provides a clear view of the links and traffic each tool is monitoring as well as filter settings. The drag and drop feature makes it easy to configure your tools as your network changes or to support your daily troubleshooting needs. The Anue 5236 has password protected, multi-user, and tiered security and administration capabilities to manage your tools.



Traffic can be aggregated from many links to any tool and multi-casted so multiple tools can share single ports



## Specifications

### Network Speed

- 10/100/1000 Ethernet
- 10G Ethernet
- Full line speed on all ports, with filtering enabled

### High Density 10G/1G Port Capacity

- Up to 28 ports per system
- Twenty 10G/1G ports (SFP+)
- Four 10G dual media ports (XFP or CX4)
- Four 1G copper ports (RJ45)

### Modular Port Expandability

- Base system includes four SFP+ 1G ports
- Additional 1G or 10G ports can be easily upgraded in the field in one port increments
- 1G ports upgrade to 10G in the field
- Multiple 5236 or 5204 systems can be connected to increase port count

### Port Flexibility

- All ports can be utilized as either network or tool ports
- Dynamic port reconfiguration with no operational impact
- 1G ports can be upgraded to 10G ports via software license

## Filtering

- Filter parameters - Layers 2–4
  - MAC source or destination addresses
  - VLAN and Ethertypes
  - IP protocol and DSCP/TOS
  - Source and destination IP address
  - UDP, TCP ports
- Simple smart filters; no need to write complex rules
- Maintenance free - no need to adjust filters when ports, tools or filter settings change

## System Administration & Security

- System administrator control using TACACS+
- Password authentication for different user levels
- Event logging
- Remote management via web access
- SNMP

## Graphical Control Panel

- Easy to use graphical user interface
- Drag and drop interface to configure and modify links, tools, & filters
- System level view provides clear picture of connectivity and filtering settings
- Real time statistics on traffic by input data port, filter, and tool port

## Technical Specifications

- Size – 1U modular chassis fits conventional 19" rack
- Dimensions (inches) – 17.5W x 19L x 1.7H
- Power – 100 – 240 VAC, 300W
- Redundant AC power supply