

**Any to Any Connectivity and Line-Rate Hardware-Based Filtering for Increased Network Visibility, Easier Tool Deployment, and Increased ROI.**



Today's new business challenges require network and security professionals to monitor and analyze more links in greater detail throughout the network. At the same time, networks are growing more complex, carrying more services across the same cables, and requiring flexibility to accommodate ever-evolving compliance requirements. In order to meet growing performance and security demands, network monitoring tools must be accessible, easy to deploy, and allow business professionals to quickly zero in on the critical data they need.

The Datacom Systems FVS-1080 helps solve today's most pressing tool deployment problems by allowing companies to conveniently connect test and monitoring tools to any traffic on the network. Not only does this provide access capabilities to leverage network tools throughout the enterprise, it allows multiple departments with different needs to share tools and network access points with remote and centralized control. Adding to these cost-saving benefits, the FVS-1080 offers advanced traffic filtering capabilities to prevent port oversubscription, provide optimal load balancing, and ensure diverse groups with various responsibilities only receive the exact data they need.

### Filtering

Line-rate hardware filtering on the ingress and egress of each individual port allows you to customize and streamline the amount and type of data each connected monitoring tool receives. Instead of tools attempting to keep up with high-speed aggregated traffic streams, the FVS-1080 applies filters to the data to increase tool efficiency and eliminate port oversubscription. Because they are receiving only traffic of interest, tools run faster, data is easier to work with, and

issues are resolved quicker. Filters include IP and MAC ranges, VLAN, frame, port number, protocol type, even customizable offsets in the packet header.

### Robust Connectivity Options

#### Aggregation (*Many-to-Any*)

Many-to-Any monitoring access aggregates network traffic and provides visibility for one or more monitoring tools into multiple network segments. Aggregate and reassemble full duplex conversations from one or more trunked links. Perfect for tools that don't support multiple monitoring interfaces or for redundant networks, EtherChannel, load balanced servers, and asymmetrically routed traffic.



#### Regeneration (*Any-to-Many*)

Any-to-Many configurations replicate copies of identical network traffic to provide multiple tools monitoring access to the same links. In addition to eliminating contention for scarce SPAN ports and test access points, multiple tools can be connected to the same link for redundancy, testing, or advanced monitoring applications.



#### Port Steering (*Any-to-Any*)

Any of the FVS-1080's ports can be configured as an input (network) or output (monitoring) port on the fly through FLOWcontrol™, the easy to use GUI software. Any monitoring port can receive traffic from any of the other ports, eliminating the need for network managers to change complex network configurations or move tools around their network.

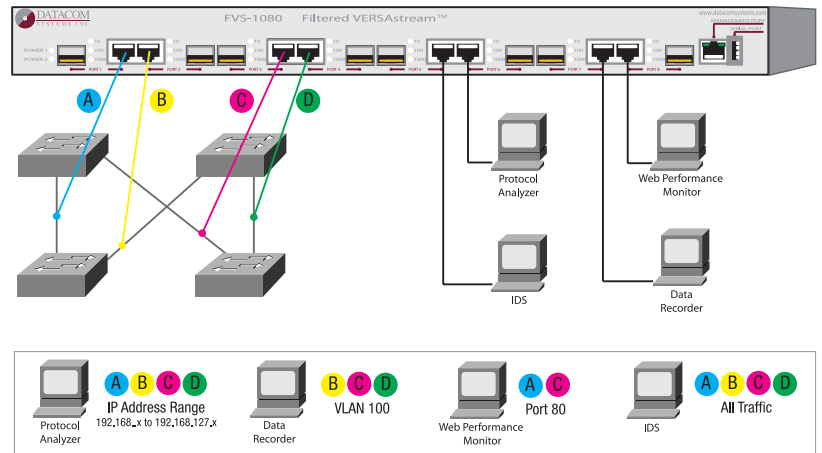
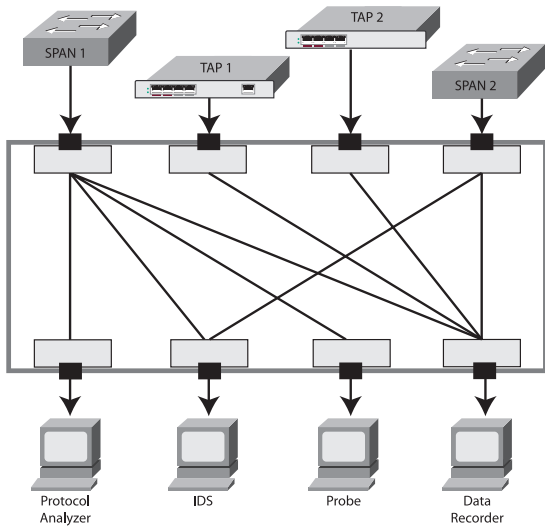


### Benefits

- Consolidate monitoring tools to reduce management expenses and lower tool costs
- Single point of deployment and remote management minimizes management expenses and reduces MTTR
- Deploy tools right away without impacting your production network
- Keep all your tools plugged in while troubleshooting
- Easily share scarce SPAN ports and test access points without maintenance windows or approval
- Improve performance and longevity of monitoring tools by eliminating unwanted traffic
- Provide immediate network access for new compliance monitors

### Features

- Port Steering - Any-to-Any connectivity solves tool deployment problems and eliminates the need to change network configurations
- Filtering - Line-rate hardware-based filtering can eliminate port oversubscription and customize data flow to each tool
- Aggregation - Combine multiple network links or channels into one stream for visibility into complete network conversations
- Regeneration - Multicast traffic to multiple connected tools to share data sources
- Supports both copper and fiber media types
- Compatible with all major manufacturers' monitoring systems and analyzers

**Filtered VERSAstream™ 8-Port Data Access Switch**  
**FVS-1080**


### Technical Specifications - FVS-1080

**CONNECTORS**

Eight (8) RJ45 (10/100/1000) Any-to-Any Ports  
 Eight (8) SFP (LX or SX) Any-to-Any Ports  
 Management: RJ45  
 Configuration: DB9F Serial

**POWER**

Dual Redundant Internal Power Supplies  
 Source Voltage: 100-240 Volts AC  
 Frequency Range: 50-60 Hz

**CERTIFICATIONS**

CE  
 RoHS Compliant

**PHYSICAL DIMENSIONS (H X W X D)**

1.75 x 19.00 x 12.00 in  
 (4.45 x 48.26 x 30.48 cm)

**WEIGHT**

7.40 lbs  
 3.40 kgs

**ENVIRONMENTAL**

Operating Temperature: 32° to 104°F (0° to 40°C)  
 Storage Temperature: -22° to 149°F (-30° to 65°C)  
 Humidity: 5 to 90% non-condensing

**WARRANTY**

One (1) Year Limited Warranty (Support Contract Required)

**FILTERING**

IP Sources and Destinations, Subnets, Ranges  
 MAC Source and Destination  
 VLAN and Ethertypes  
 Ports  
 User-defined Bit Pattern and Offset

**ORDER INFORMATION**

Product	Description
FVS-1080	Filtered VERSAstream™ 8-Port Data Access Switch (8 - 10/100/1000 and/or SFPs)
SFP-SX	SX Gigabit Small form Pluggable
SFP-LX	SX Gigabit Small form Pluggable
S-FVS-1080	One (1) Year Hardware and Software Support



universal power