

IntellaFlex

Traffic Manager

Aggregate, filter, buffer and shape incoming traffic



Features

- Data monitoring switch with 36 ports 1G/10G Ethernet
- Enhanced buffering and burst absorption with deep 15GB ingress buffers
- Buffer and rate shape up to 360Gbps of traffic to alleviate tool oversubscription
- Traffic aggregation, flow control and port tagging
- Load balancing within each group of 12 ports
- Easy-to-use WebXR graphical user interface
- TitanXR and Mobile App for centralized management, reporting and notifications

Monitoring your network requires expensive analytical tools and visibility infrastructure at multiple points across your network. Getting the most out of your tools means you need to use them at their maximum capacity – without losing packets along the way.

Limiting Tool Oversubscription

Ideally, tool input ports should be kept well below their capacity so that data surges do not overwhelm the port. However, this limit on utilization can be difficult to maintain. Critical analysis tools tend to have many data sources aggregated together, increasing the tool's vulnerability to data surges and oversubscription.

The IntellaFlex Traffic Manager can help alleviate tool oversubscription by aggregating, filtering, buffering and traffic shaping incoming traffic. Filtering is used to reduce the amount of traffic which is shaped on the output to ensure an egress rate the tools can handle. Microbursts that might normally result in dropped traffic at the tool are minimized or eliminated by buffering on the Traffic Manager. This results in maximizing your tool investments while being able to more fully analyze traffic streams.



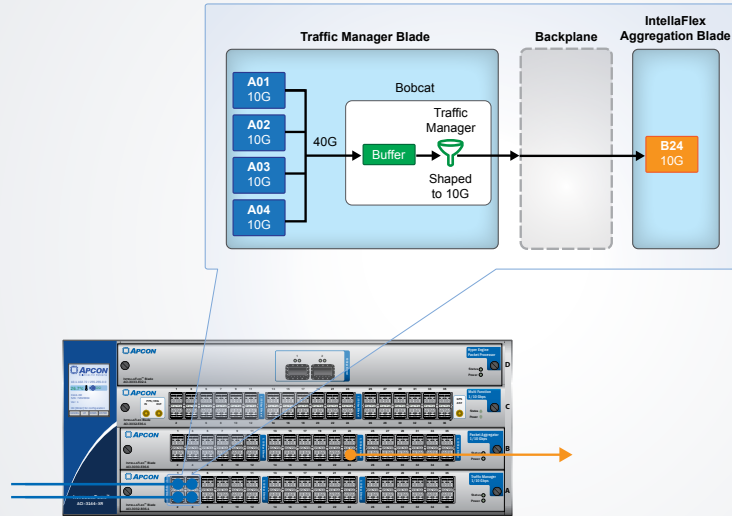
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Limits tool oversubscription in many-to-many aggregations:

- Allows shaping of traffic going to tools
- Provides deep buffering to increase the amount of traffic that can be analyzed

Alleviates oversubscription due to microbursts:

- Absorbs and smooths out short, sustained bursts in incoming traffic
- Prevents oversubscription on egress with user-selectable rate limiting



IntellaFlex Traffic Manager can be used to buffer ingress traffic to reduce the rate of traffic arriving at an egress port and limit oversubscription.

IntellaFlex XR Family

IntellaFlex Traffic Manager is fully compatible with APCON's premier IntellaFlex XR network monitoring family, providing common operation, user experience and trusted APCON service and support.

Traffic Manager Specifications

Ordering Part Number	ACI-3032-B36-1
Interface Type	1 Gbps/10 Gbps Ethernet
Physical Interfaces	36 SFP+ ports
SFP+ Ports	1000BASE-LX or 1000BASE-SX 1G Ethernet, 10GBASE-LR or 10GBASE-SR 10G Ethernet
Power Status LEDs	Blade power and Status, Port link, and TX/RX activity
Dimensions	14.45" W × 8.0" D × 1.5" H (36.7 cm W × 20.3 cm D × 3.8 cm H)
Weight	4 lbs (1.81 kg) w/o transceivers
Power	320 Watts / 1100 BTU/hr
Operating Temperature	32 to 113 °F (0 to 45 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Relative Humidity	Operating: 0-85% noncondensing Storage: 0-95% noncondensing
XR Chassis	ACI-3072-XR, ACI-3144-XR, ACI-3288-XR, and ACI-3504-XR
Safety	UL 60950, EN 60950, CSA C22.2 60950
EMC	EN 55022, EN61000, FCC part 15, ICES 003
Compliance	CE mark ROHS compliant