IntellaFlex High-Density 40G Blade

Visibility Solutions for Network Security

Front-end integration into leading IntellaFlex XR family of scalable aggregation switches

- 20 ports 40G Ethernet
- Aggregate and filter traffic for tool efficiency
- Enables load balancing to security and analysis tools
- Multi-stage filtering for specific tool outputs
- Port tagging and flow control
- 40G BiDi support
- 40G trunking between multiple IntellaFlex XR systems
- Highly acclaimed WebXR graphical user interface for configuration and management
- TitanXR centralized management and Mobile App alerts

The IntellaFlex 40G high-density packet aggregator blade insures APCON customers can provide visibility to their next-generation data centers by protecting existing investments in security and monitoring systems.

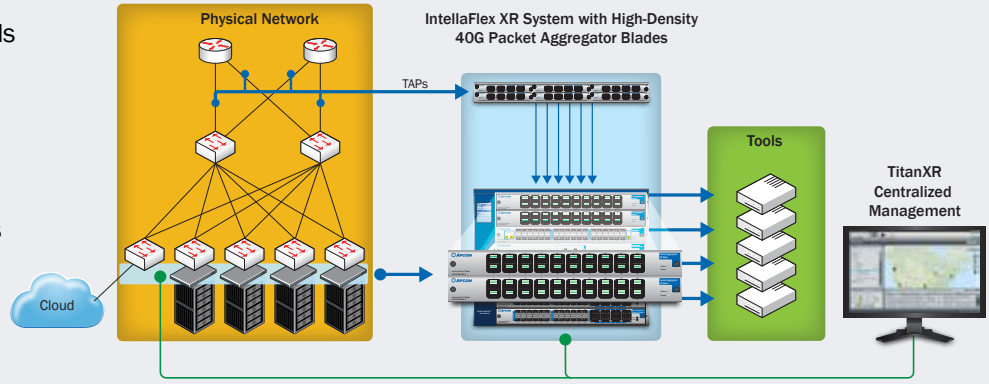
Next-Generation Data Center Ready

With the adoption and proliferation of 40G Ethernet connections in the latest generation of data centers, there is a growing need to aggregate large numbers of 40G connections through the IntellaFlex XR chassis. This blade allows those connections to be aggregated into an APCON system with industry-leading density.

Each of these high-density blades provides 20 ports of 40G Ethernet connectivity for aggregation, load balancing and any-to-any multicast connections. Traffic can be directed to connected tools or other APCON blades with advanced functions, such as the Multi-Function blade, HyperEngine, or IntellaStore II/II+. The high-density 20 Port 40G blade can accept up to 800Gbps of traffic and feed up to 360Gbps of traffic to the backplane.

Benefits of High-Density 40G Blade

- Optimized traffic for security and analysis tools
- Increased flexibility in configuration using the web-based interface
- Support for one-to-one, one-to-many, and any-to-any aggregated connections
- Reduced downtime with hot-swappable parts
- Front panel ports can be used as a shared source to multiple connections or a shared destination from multiple connections
- Duplex and aggregated TAP connections are allowed on the front panel ports



The high-density 40G blade can aggregate, filter, and load balance traffic into IntellaFlex XR systems for advanced processing before sending traffic on to connected tools.

Optimize Security and Performance Tools

Today, most enterprises use a mix of 1G, 10G and 40G tools for security and network performance. While the majority of existing switch and router ports are 1G and 10G, enterprises increasingly look ahead to 40G speeds to meet the needs of demanding network locations. IntellaFlex XR systems include a wide range of features that optimize tool performance. Aggregating traffic and removing duplicates can double security and analysis tool capacity.

IntellaFlex XR Family

The high-density 40G blade is part of APCON's premier IntellaFlex XR network monitoring family and is compatible with all chassis from 1RU through 14RU and with other 1/10G, 100G and specialty IntellaFlex blades. The 40G blade also interfaces to WebXR, the industry-leading graphical user interface for easy configuration and management. Multi-site, centralized management is enhanced with TitanXR, and the APCON Mobile App provides alerts and notifications.

High-Density 40G Blade Specifications

Ordering Part Number	ACI-3030-E20-1
Physical Interfaces	20 × 40G QSFP Ethernet
QSFP Ports	40GBASE-SR4/LR4, 40GBASE-SR-BiDi)
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	250 Watts / 850 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-3036-XR, ACI-3072-XR, ACI-3144-XR, ACI-3288-XR, 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