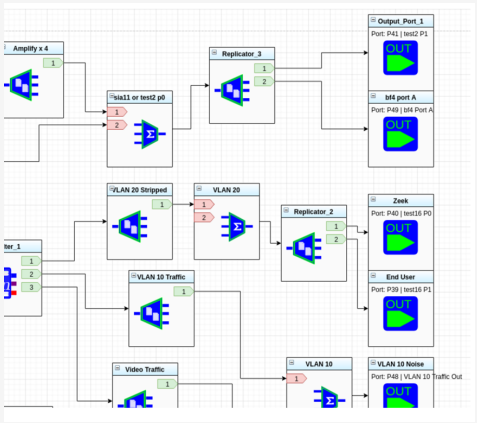
FlowDirector -F Series Main Functions and Features

	Features	Benefits
Advanced Network Packet Broker functionalities	• Packet replication up to 1:32 • Packet aggregation across all ports • Support VLAN, MPLS, VNTag, Cisco Fabric Path, VxLAN, GTP and ERSPAN functions • Rich filter functions for fields found in VLAN, MPLS, Ethernet/IP/TCP/UDP, VxLAN, GTP, ERSPAN and Inner IP/UDP/TCP; • Load balancer on L3 and L4 fields found in outer header, VxLAN/GTP header or inner header; • Strip VLAN/MPLS/VNTag/Cisco Fabric-Path Header/VxLAN/GTP/ERSPAN; • VLAN Tag insertion, port tagging function; • Packet slice and timestamping; • Virtualwire for lossless cross connect and media conversion applications	Fully programmable purposefully developed P4 data path optimized for Visibility Applications for all traffic ports. 
High Performance Software Defined Flow Manipulation Domains	Innovative Flow Domains provides the best flow manipulation with functional isolation for inline and/or offline tap, traffic aggregation, traffic replication, filter, tag and load balance applications.	Ideal for enterprises and service providers to create application specific data paths suited for their network visibility applications.
Integrated Lossless Connection Matrix over 10Gb, 25Gb, 40Gb and 100Gb Interfaces	FlowDirector –F series provides an innovative Virtual Wire technology that can be used to cross connect from any port to any port with complete isolation and lossless traffic forwarding.	Virtual Wire Technology is ideal to be used in lab automation applications to cross connect ports with different speeds and media types without rewiring the cables.
Innovative, State of the Art, Web Based Management Framework	FlowDirector –F series has native state-of-the-art HTML 5 Web based user interface that can be accessed from any standard based web browser.	Access the management interface from anywhere any device that is equipped with a modern browsers such as Chrome, Firefox, Safari and Internet Explorer.
Deep insights into the traffic with the Integration with FlowMagic appliance	The FlowDirector -F series can be deployed as a capture front end to the InfiniCORE FlowMagic Visibility appliance to provide unprecedent traffic insights, flexibility, performance and port densities for network monitoring and visibility applications	Provides the power of extensibility and flexibility in a software defined environment.
High Reliability, Cost Effective and Green Operation	Leveraging the latest generation processor and switch technologies, FlowDirector –F is power efficient and equipped with redundant power supplies and hot serviceable fans.	• Reduce CAPEX and OPEX • High Availability by Design

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