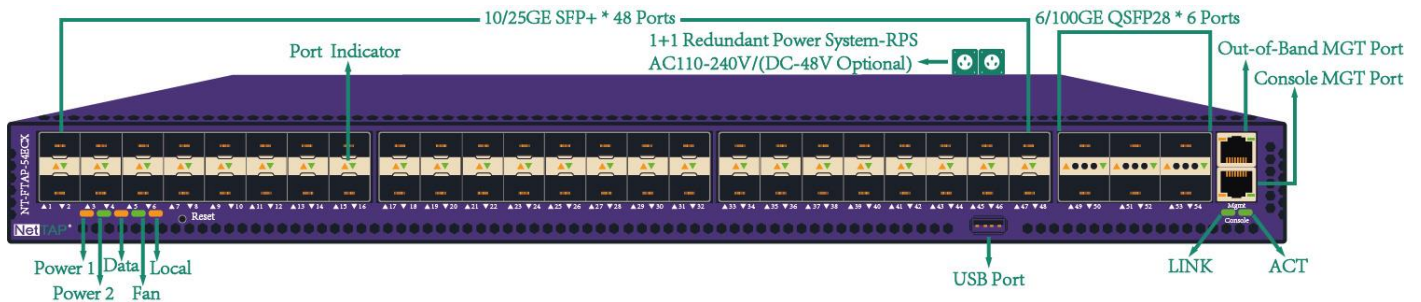
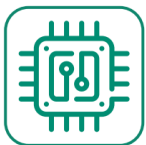


## 1- Overviews

- ☞ A full visual control of Data Acquisition device(48 \* 10/25GE SFP+ plus 6\*40/100GE QSFP28)
- ☞ A full Data Scheduling Management device(Max 48\*25GE plus 6\*100GE duplex Rx/Tx processing abilities at same time)
- ☞ A full pre-processing and re-distribution device(bidirectional bandwidth 1.8Tbps)
- ☞ Supported collection & reception of link data from different network element locations
- ☞ Supported collection & reception of link data from different exchange routing nodes
- ☞ Supported to realize irrelevant upper packaging of Ethernet traffic forwarding, supported all kinds of Ethernet packaging protocols, and aslo 802.1q/q-in-q, IPX/SPX, MPLS, PPPoE, ISL, GRE, PPTP etc. protocol packaging
- ☞ Supported original data output for monitoring equipment of Data Mining, Protocol Analysis, Signaling Analysis, Security Analysis, Risk Management and other required traffic.
- ☞ For original packet real-time packet capture analysis, data source verification, and historical traffic backlog comparison, once network packet anomalies or abnormal flow fluctuations



## 2- Intelligent Traffic Processing Abilities



**ASIC Chip Plus Multicore CPU**  
1.8Tbps intelligent traffic processing capabilities



**100GE Acquisition**  
25GE \* 48 ports plus 100GE \* 6 ports, Max Rx/Tx duplex processing, up to 1.8Tbps Traffic Data Transceiver at same time, for network Data Acquisition, simple Pre-processing



**Data Replication**  
Packet replicated from 1 port to multiple N ports, or multiple N ports aggregated, then replicated to multiple M ports

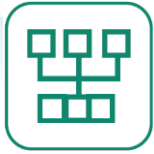
Your Network Traffic Visual Control One-stop Provider

\*Specifications subject to change without notice\*

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www.nettap.com.cn

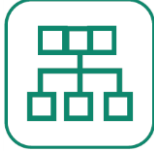
**NetTAP®**

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### Data Aggregation

Packet replicated from 1 port to multiple N ports, or multiple N ports aggregated, then replicated to multiple M ports



### Data Distribution

Classified the incoming raw data accurately and discarded or forwarded different data services to multiple interface outputs according to the whitelist, blacklist or user's predefined rules.



### Data Filtering

Supported L2-L7 packet filtering matching, such as SMAC, DMAC, SIP, DIP, Sport, Dport, TTL, SYN, ACK, FIN, Ethernet type field and value, IP protocol number, TOS, etc. also supported flexible combination of up to 2000 filtering rules.



### Load Balance

Supported load balance Hash algorithm and session-based weight sharing algorithm according to L2-L7 layer characteristics to ensure that the port output traffic dynamic of load balancing



### UDF Match

Supported the matching of any key field in the first 128 bytes of a packet. Customized the Offset Value and Key Field Length and Content, and determining the traffic output policy according to the user configuration



### Single Fiber Rx/Tx

Supported the single fiber Rx/Tx based on ports 10G, 25G, 40G, 100G working mode, to meet the requirement of single fiber data Rx/Tx in back-end devices, and can reduce the access cost of optical fiber materials for user to collect and distribute a large number of links.



### Unified Control Platform

Supported NetTAP® Matrix-SDN Visual Control Platform Access

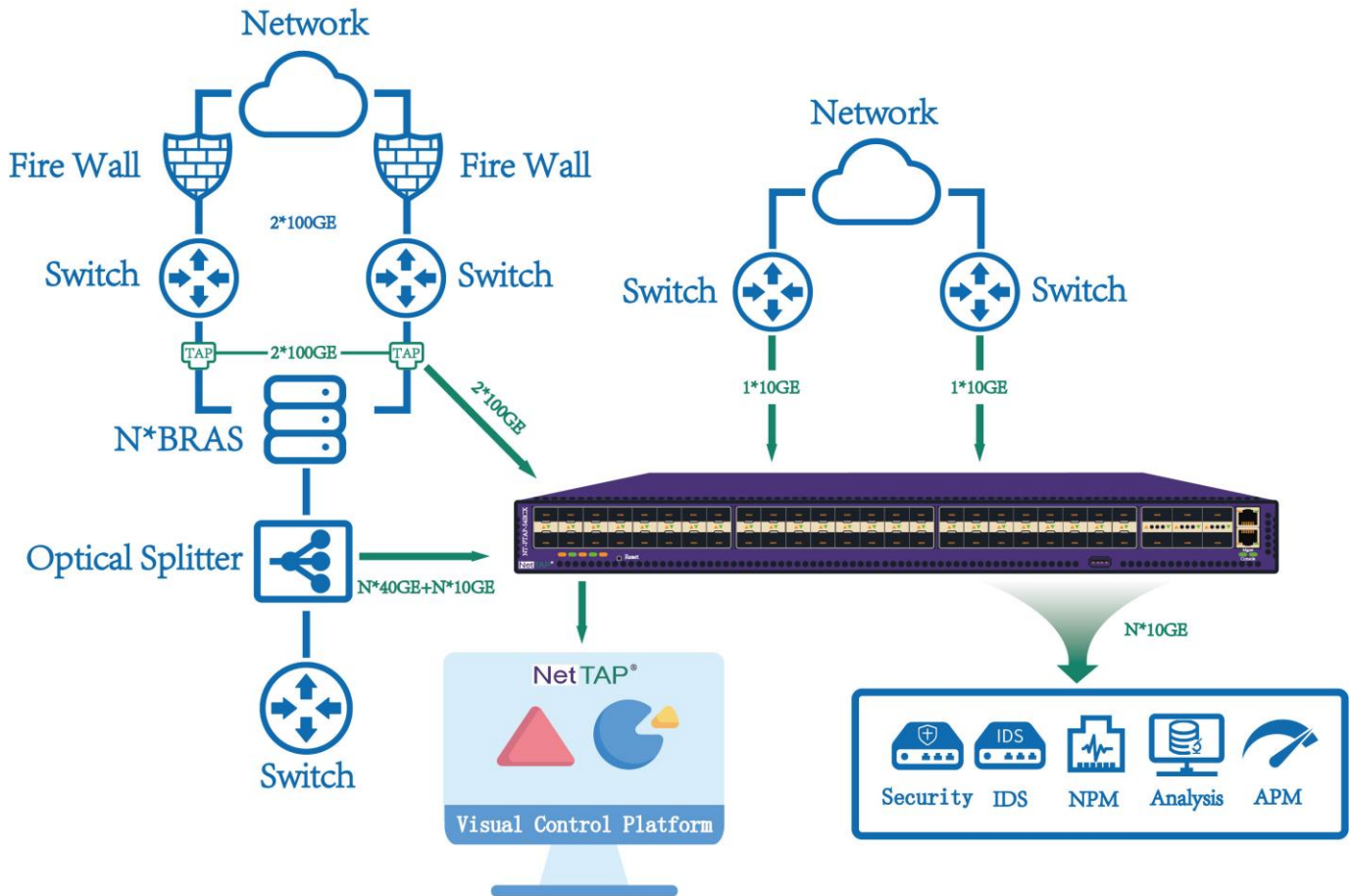


### 1+1 Redundant Power System(RPS)

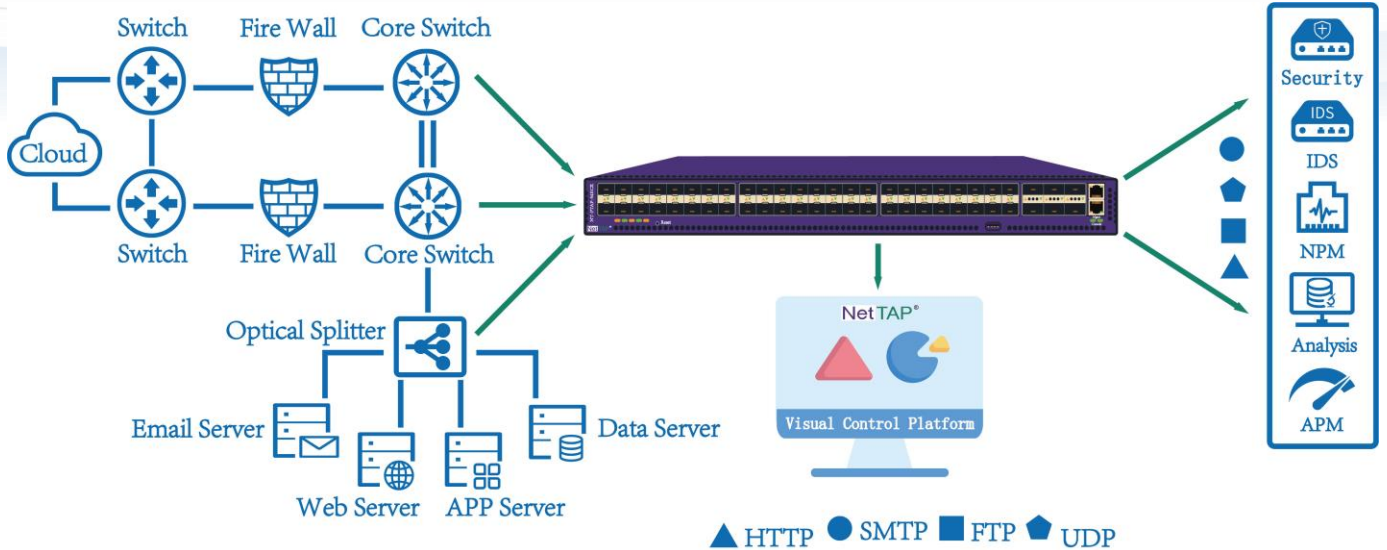
Supported 1+1 Dual Redundant Power System

### 3- Typical Application Structures

#### 3.1 Centralized Collection Replication/Aggregation Application(as following)



#### 3.2 Unified Schedule Application(as following)



4- Specifications

NT-FTAP-54ECX NetTAP® NPB Functional Parameters			
Network Interface		25GE(10GE)	48*SFP+ slots
		100G(40G)	6*QSFP28 slots
		Out of Band management interface	1*10/100/1000M electrical interface
Deployment mode		Optical Split	support
		SPAN Mode	support
System Function	Traffic Processing	Traffic replication / aggregation / distribution	support
		Load Balance	support
		Diverting based on IP / protocol / port Five tuple traffic identification	support
		UDF Match	support
		Single Fiber Rx/Tx	support
		Ethernet encapsulation independence	support
	Management	Process Abilities	1.8Tbps
		CONSOLE Network Management	support
		IP/WEB network management	support
		SNMP network management	support
		TELNET/SSH network management	support
		SYSLOG Protocol	support
	RADIUS or AAA Centralized authorization	support	

NetTAP® Network Packet Broker (NPB)

NT-FTAP-54ECX

	User authentication function	Password authentication based on user name
Electric(1+1 Redundant Power System-RPS)	Rated supply voltage	AC110~240V/DC-48V(Optional)
	Rated power frequency	AC-50HZ
	Rated input current	AC-3A / DC-10A
	Rated power function	Max 280W
Environment	Operating Temperature	0 – 50℃
	Storage Temperature	-20-70℃
	Operating Humidity	10%-95%, Non-condensing
User Configuration	Console Configuration	RS232 port,115200,8,N,1
	Password authentication	support
Rack Height	Rack space (U)	1U 445mm*44mm*505mm

**\*THE MORE ADVANCED FUNCTIONS WILL BE LAUNCHED SOON\***