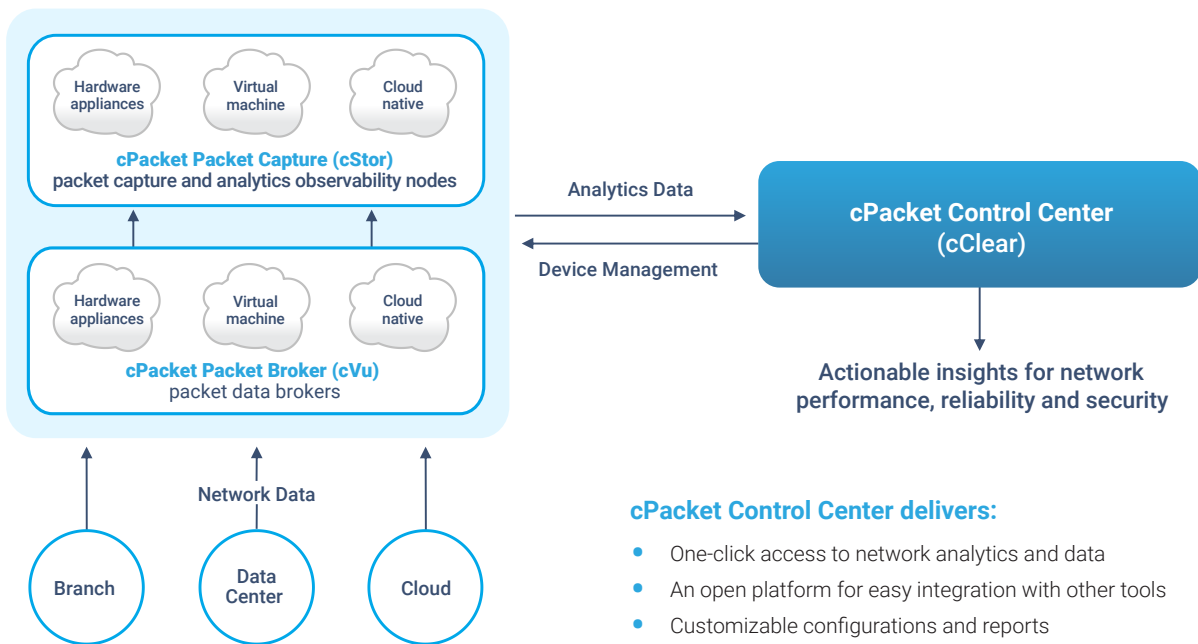# cPacket Control Center (cClear®)

Comprehensive network observability and security for a single point of command and control

In a world of zero downtime, ongoing change and constant risks, the cPacket Control Center (cClear) provides actionable intelligence about your entire hybrid infrastructure, from the data center to the branch location to the cloud. The solution correlates, visualizes and presents data in a simple, easy-to-consume way that saves valuable time, keeping business-critical networks performant and secure.

Additionally, Control Center is the user interface for all cPacket devices deployed anywhere in your hybrid-cloud network, giving the customer unified administration and management.

Get the cPacket Control Center Solution

cPacket Control Center delivers:

- One-click access to network analytics and data
- An open platform for easy integration with other tools
- Customizable configurations and reports
- Searches for specific hosts, threats and network compliance deviations
- Microburst analysis visualization
- Application behavior visualization based on deep packet inspection (DPI)

Control Center (cClear®) Technical Specifications

Key Features	On Premise			Cloud
	cClear E	cClear E SED	cClear-V	cClear-V
Dashboards - Grafana based	Yes	Yes	Yes	Yes
Fully Integrated Workflows	Yes	Yes	Yes	Yes
Millisecond Analytics	Yes	Yes	Yes	Yes
Global Search	Yes	Yes	Yes	Yes
Data Correlation and Baselining	Yes	Yes	Yes	Yes
Open API	Yes	Yes	Yes	Yes
Network-Wide System Alerts	Yes	Yes	Yes	Yes
Remote Software Update of All Devices	Yes	Yes	Yes	Yes
Status Overview with Real-Time Port Utilization	Yes	Yes	Yes	Yes
Direct Connectivity and Drill-Down to Devices, Port Groups, Endpoint Groups	Yes	Yes	Yes	Yes
Multiple (cStor) PCAP Download/Merge with Time Selection, Size and BPF Filtering Criteria	Yes	Yes	Yes	Yes
Quick Filtering and Global Search for All/Specific (cVu) Ports with Unique String Patterns	Yes	Yes	Yes	Yes
Library of Predetermined and Saved Filters for Automation and Ease of Access	Yes	Yes	Yes	Yes
Customization of Graphical Dashboards and Import/Export of Shared Files and Utilities	Yes	Yes	Yes	Yes
Backup/Restore and Scheduling of Configuration files for All or Selected Devices	Yes	Yes	Yes	Yes
Multi-User, Privilege-Defined User Roles with Centralized RADIUS/TACACS+ and Local Authentication Controls	Yes	Yes	Yes	Yes
SNMP based Notifications of Network Health and Threshold Crossing Events	Yes	Yes	Yes	Yes
Interactive Dashboards: • Network KPI Metrics • Packet Capture Panel • cBurst Millisecond-Resolution Analytics • Packet and Flow Measurements • Network Connection Latency/Measurement • Observability Workflows	Yes	Yes	Yes	Yes
Delivery Format	Appliance	Appliance	OVA	AMI, GCP, Azure
Physical/Hypervisor/Cloud Platform	Dedicated Appliance	Dedicated Appliance	VMware	AWS, GCP, Azure
Physical/Virtual NIC Support	2x 10/100/1000 RJ45	2x 10/100/1000 RJ45	Yes	Yes
Tunneling Support	VXLAN, ERSPAN	VXLAN, ERSPAN	VXLAN	VXLAN
High-Performance Mode	Dedicated Appliance	Dedicated Appliance	DPDK/SR-IOV	DPDK/SR-IOV
Physical/Virtual Port (Management)	2	2	1	1
CPU/vCPU	Intel Xeon 20 Core	Intel Xeon 20 Core	4	4
Memory	512GB	512GB	16GB	16GB
System Disk	240GB SSD	256GB SSD SED	50GB (Recommended)	
Secondary Storage	30TB NVMe	30TB NVMe SED	250GB (Recommended)	

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Control Center (cClear®) Technical Specifications

	cClear E / cClear SED
Dimensions and Weight	
Height/Rack Unit	3.5" (89 mm) 1U
Width	17.2" (437 mm)
Depth	25.5" (647 mm)
Weight	37.2 lbs (16.9 kg)
Operating Conditions	
Operating Temperature	41° F − 95° F 5° C − 35° C
Operating Humidity	50% − 90%
Certifications	FCC Class A CE Certification
Power and Cooling	
Airflow	Front-to-Back
Power Redundancy	1+1 AC/DC 100-240 VAC 50-60 Hz
Max. Power Consumption	650 W

Find out more

Learn more about **Control Center (cClear)**. Visit **cpacket.com/control-center**

CC-DS-102124

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