# cStor™ Appliance

Integrated Packet Forensics with cPacket's Advance Real-Time Analytics

cPacket's cStor™ appliance is a cost effective solution for recording high speed traffic at critical network links for retrospective analysis of operational issues and security incidents. The cStor captures packets on a modular disk-array at line-rate. Operators can retrieve on-demand, any slice of the captured data using a simple web GUI or automated scripts. The historical recording enables forensic examination of incidents as the basis for fact-driven corrective actions. Ingress traffic to the cStor appliance comes from cPacket's cVu monitoring device. The cVu's smart ports are unique real-time sensors that inspect all the incoming traffic on-the-fly and extract key performance indicators and proactive alerts about abnormalities. Using the cVu, operators can selectively filter, forward, aggregate, auto-balance, truncate, de-duplicate, and time-stamp any traffic from multiple network links and record the corresponding packets data on the cStor. A distributed deployment of cVu and cStor devices across the entire network is managed from SPIFEE's centralized dashboard. cPacket's integrated solution streamlines network operations and minimizes the time to resolution of complex performance and security issues.

Inspected Traffic from Critical Links

CVU
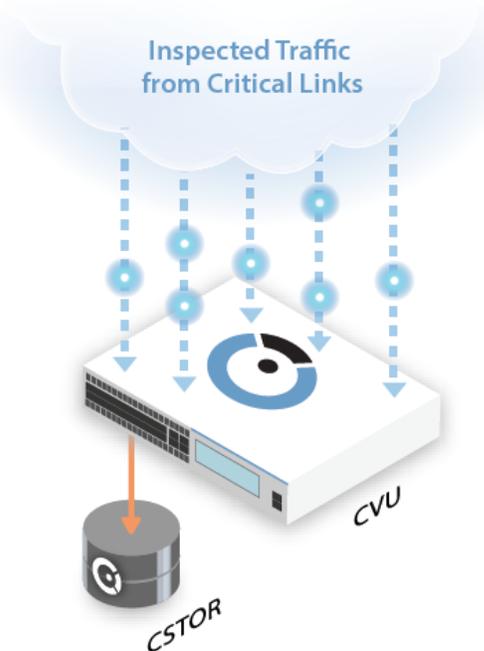
CSTOR

cStor's Specifications

INTERFACES	10G (SFP+/SFP), and RJ-45
DIMENSIONS (HxWxD)	2U rack-mountable (3.5" x 17.2" x 25.5")
WEIGHT	52 lbs. (23.6 kg)
POWER	120-240V AC, 50-60Hz 650W Redundant hot-swappable AC and DC Power Option Available
DATA STORAGE	16 - 32 Terabytes of data storage Stackable for scalability
OPERATING REQ.	5º to 35º C, 41º to 95º F
CERTIFICATIONS	FCC Class A, EN 55022 Class A

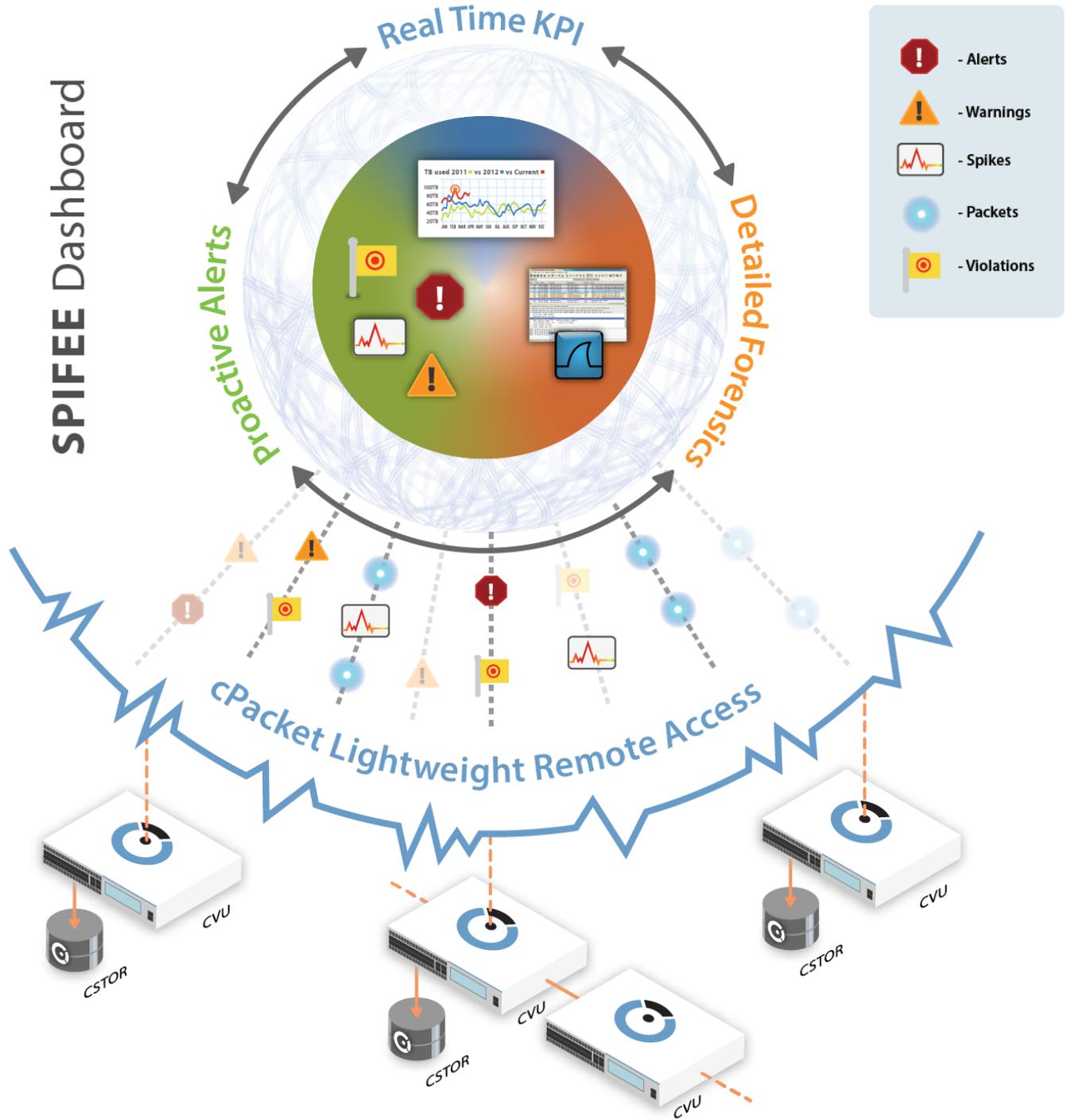| Key Features	Benefits
Sustained Line-Rate Packet Capture	Captures all traffic persistently on disk with easy access to historical data for simple retrieval of any relevant slice on-demand
Simple Remote Access	Easy retrieval of any relevant slice of historical traffic from a common web browser or an automated script as a standard pcap file
Modular Storage Capacity	Elastic scaling of storage capacity via stacking and cVu's automatic balancing for up to 128 Terabytes at 40 Gbps.
Integrated with cVu Smart Monitoring	Persistent packet data is correlated with key performance indicators and alerts, which are extracted by the cVu smart ports on-the-fly
Centralized Dashboard (SPIFEE)	Centralized management and unified access to information from a distributed deployments of multiple cVu and cStor devices from cPacket's SPIFEE dashboard

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cpacket NETWORKS

Simple Integrated Access to Relevant Information

The unified dashboard provides an integrated view of granular performance meta-data and detailed packet data from a distributed deployment of cVu and cStor devices. The integration of performance information and access to packet data on-demand radically simplifies network operations. Alerts and Key Performance Indicators (KPI) from the cVu's smart ports are correlated with the captured packets traffic on the cStor. SPIFEE's dashboard provides easy access to all this information including real-time performance indicators, proactive alerts, and historical packets recording.

cPacket's integrated solution eliminates wasted time and effort by enabling network operators to leverage fact-driven insight to optimize the infrastructure and improve their end-users' experience.

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