



## Centralized Management for MSSPs and Distributed Enterprises

Cyberoam Central Console (CCC) is a centralized, integrated management and monitoring solution that allows enterprises and MSSPs to manage multiple, dispersed Cyberoam UTM installations across remote or branch offices and clients respectively, offering the flexibility of hardware CCC appliances and virtual CCC appliances. The virtual CCC appliances support VMware and Hyper-V virtualization platforms and offer full set of features as CCC hardware appliances.

### Security Management

CCC simplifies security management by enabling centralized policy creation and implementation for Cyberoam UTM appliances deployed at branch offices and client offices. CCC offers coordinated defense against zero-hour and blended threats across distributed networks.

Enterprises and MSSPs have the flexibility to customize policies for various offices and clients. It also enables template-based configuration where MSSPs can define custom policies (e.g. for education vertical) to create vertical-focused policies for their clients in minimum time. Updating of rules and policies can be centrally scheduled for individual UTM appliances or a group of UTM appliances.

### Ease and Flexibility of Management

CCC offers quick management of distributed Cyberoam UTM appliances by allowing grouping of these appliances based on their geography, Cyberoam UTM models, firmware version, organizations (especially for MSSPs) and service subscriptions. Enhanced with Web 2.0 benefits, the Dynamic Views in CCC provide at-a-glance information on the dashboard that helps in managing, searching and sorting

appliances by firmware versions, appliance models and all appliances. This helps in quick monitoring and action. CCC offers flexibility in sorting appliance views on the dashboard by allowing customizable selection criteria for sorting.

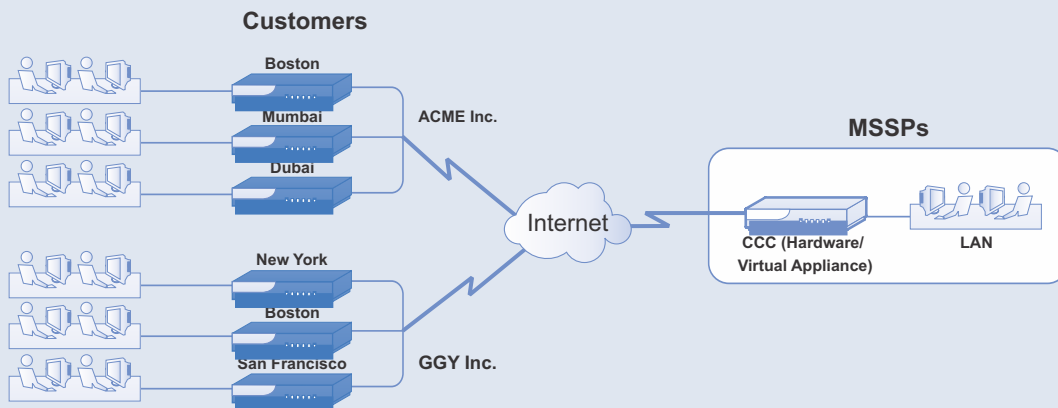
### Security against misuse of Administrator Privileges

The CCC enables enterprises and MSSPs to set role-based administration for CCC hardware and virtual appliances as well as individual Cyberoam UTM appliance and for groups of Cyberoam UTM appliances.

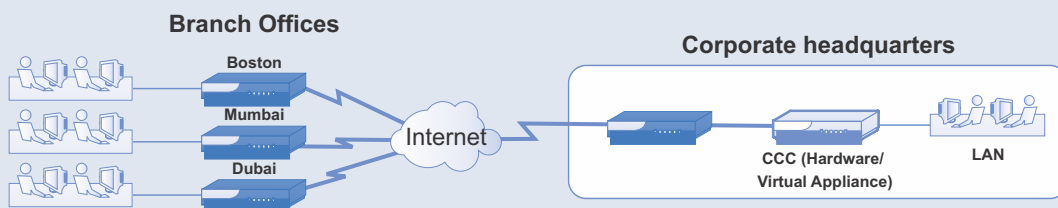
### Logs & Alerts

CCC's Log Viewer offers logs and views of administrator actions on CCC as well as dispersed UTM appliances which helps in investigative analysis, supports regulatory compliance as well as keeps track of historical activities across distributed networks. Administrators can set email alerts for individual or group of Cyberoam UTM appliances across branch offices and client offices on parameters like expiry of subscription modules, excess disk usage, IPS and virus threat counts and unhealthy surfing hits. Cyberoam's alert configuration facility helps avoid false alarms.

### Cyberoam Central Console Deployment- MSSP



### Cyberoam Central Console Deployment- Distributed Enterprise



### CCC Hardware Appliance Range

CCC15	CCC50	CCC100	CCC200	CCC500	CCC1000
					

Technical Specifications

CCC Hardware Appliance	CCC15	CCC50	CCC100	CCC200	CCC500	CCC1000
<b>Interfaces</b> 10/100/1000 GBE Ports Console Ports (RJ45) SFP (Mini GBIC) Ports USB Ports	6 1 - 2	6 1 - 2	6 1 - 2	6 1 - 2	6 1 - 2	8 1 - 2
<b>Dimensions</b> H x W x D (inches) H x W x D (cms) Weight (lbs)	1.72 x 17.25 x 11.50 4.4 x 43.8 x 29.21 5.54, 12.188	1.72 x 17.25 x 11.50 4.4 x 43.8 x 29.21 5.54, 12.188	1.72 x 17.25 x 11.50 4.4 x 43.8 x 29.21 5.54, 12.188	1.72 x 17.44 x 15.98 4.4 x 44.3 x 40.6 6.04, 13.31	1.72 x 17.44 x 15.98 4.4 x 44.3 x 40.6 6.04, 13.31	1.77 x 17.25 x 18.30 4.5 x 43.8 x 46.5 13.5, 29.76
<b>Power</b> Input Voltage Redundant Power Supply Total Heat Dissipation (BTU)	100-240VAC 128W 375	100-240VAC 128W 375	100-240VAC 128W 375	100-240VAC 185W 475	100-240VAC 185W 475	90-260VAC 129W 626
<b>Environmental</b> Operating Temperature Storage Temperature Relative Humidity (Non condensing) Cooling System (40mm Fan)	5 to 40 °C 0 to 70 °C 10 to 90% 3	5 to 40 °C 0 to 70 °C 10 to 90% 3	5 to 40 °C 0 to 70 °C 10 to 90% 3	5 to 40 °C 0 to 70 °C 10 to 90% 3	5 to 40 °C 0 to 70 °C 10 to 90% 3	0 to 40 °C -20 to 80 °C 10 to 90% 3
<b>No. of CR Appliances Supported</b>	<b>15</b>	<b>50</b>	<b>100</b>	<b>200</b>	<b>500</b>	<b>1000</b>

Virtual CCC Appliance Range

Model	RAM	HDD	Interfaces	No. of CR Appliances Supported
CCCV15	2 GB	80 GB	4	15
CCCV50	4 GB	160 GB	4	50
CCCV100	4 GB	250 GB	4	100
CCCV200	4 GB	320 GB	4	200
CCCV500	4 GB	320 GB	4	500

Hypervisor Support : VMware ESX/ESXi 3.5/4.0/4.1/5.0, VMware Workstation 7.0/8.0/9.0, Microsoft Hyper-V 2008/2012

Features List

Centralized Remote Management

Configure and Manage

- Individual Appliances
- Appliance Groups

Global Enforcement

- Firewall - Rule, NAT Policy and DoS
- Network configuration - Zone, Static Route, DNS and DHCP
- Web Filtering - Settings, Policy and Category
- Application Filtering - Category and Policy
- QoS Policy
- IPS - Policy and Custom Signatures
- Anti Virus - Mail, HTTP/S and FTP
- Anti Spam - Configuration, Spam Rules, Spam Digest and Trusted Domain
- Custom Categories - File Type
- IM - Contacts, Rules and Content Filter
- Syslog Configuration
- VPN - Policy, IPSec, L2TP and PPTP Configuration
- NTP Server
- Certificates, Certificate Authority
- User and User Groups
- Authentication configuration
- Policies - Access Time, Surfing Quota, Data Transfer
- Administrator Profiles
- Appliance Port Settings and Access
- Captive Portal settings
- Parent Proxy configuration
- SNMP

Appliance Monitoring & Alerts

- Dashboard for Appliance Group, Individual Appliance
- Custom views for all Appliances - Firmware-specific, Model-specific, Version specific and Custom criteria

Email Alerts for

- CPU usage
- Memory usage
- Disk usage
- IPS threats
- Web virus
- Mail virus
- Total virus
- Spam mail
- Unhealthy surfing
- Appliance connection
- Gateway status change
- VPN connection status change

Centralized logging

- Audit log
- System log

Configuration Management

- Configuration Synchronization
- Centralized upgrade for
  - AV and IPS signatures
  - Web filtering categories
- Automated and Manual Backup for Appliances

- Backup Repository of Appliances
- Restore Backup from CCC

Upgrade Distribution

- Cyberoam Firmware
- Anti-Virus and IPS Signature
- Web Filtering Categories

Administration

- Role-based Administration
- Granular Administrative controls
- Predefined and Custom Administrator profiles
- Local Administrator Accounts
- Appliance and Appliance Group Administration
- Administrator Accounts

Communication

- SSL RC4 128bit Encryption
- Mutual Authentication
- HTTP, HTTPS

System Management

- Web Based User Interface
- Command Line Interface
- Web2.0 Compliant UI

Compliance

- CE
- FCC

Toll Free Numbers

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