

## OVERVIEW



The CF450 is a rack mounted device for larger schools and businesses that are looking for a flexible combination of firewall and content filter all in one. Our CF450 UTM sits in a 1U chassis, fitting into your current rack with ease. A dedicated installation team makes implementation a breeze, and our intuitive, easy to use GUI makes management simple.

### Application Control

Layer 7 application filtering helps you control what gets through your network, making sure that mission critical apps and services have the bandwidth they need. Create policies to stop traffic from mobile apps and computer programs based upon IP address, subnet, or application type.

### Stateful Firewall

Our stateful firewall is user friendly and powerful. Cipafilter's easy to use GUI allows you to create rules on the fly, based upon IP addresses, subnets, physical interfaces, network objects, and permission groups. Hit counters ensure that your rules are being enforced, and selective logging gives you insight into the who, what, when, and where in your network.

### HTTPS Decryption

Over seventy five percent of all websites are HTTPS, while about ninety five percent of all internet traffic going through Google is encrypted.\* Cipafilter's best in class decryption means that you can see into these encrypted tunnels for more accurate reporting and policy enforcement, keeping your users on task. Best of all, our decryption is unobtrusive so your users won't even know it's on!

### Contextual Filtering

Cipafilter's context sensitive filtering engine ensures that your users can access the content they need while keeping your network CIPA compliant. Integration with Google's SafeSearch and YouTube access controls, along with our proprietary filtering technologies keep the level of accessible content solidly within your control.



## FEATURES



### Application Control

Stop unwanted mobile traffic and VPNs.



### Stateful Firewall

Easily create or suspend rules and see hit counts.



### HTTPS Decryption

Decrypt network traffic for better content filtering and more accurate reporting.



### Contextual Filtering

Reduce false positives and gain peace of mind.



### Actionable Reports

Human readable and easy to use, making it simple to see what's actually going on.



### Multi-Gateway Load Balancing

Provide redundancy for your network while utilizing your bandwidth.



### Authentication Integration

Give your users access to the network based upon their group membership.



### VPN Services

Allow remote access to critical network resources while keeping everything secure.



### Bandwidth Control

Make sure your mission critical apps and services have the bandwidth they need.

\*According to [w3techs.com](http://w3techs.com) and Google's [Transparency report](https://www.google.com/transparencyreport/).

## TECH SPECS

### Hardware

CPU:	Intel Xeon Silver 4208 @ 2.1 GHz
Memory:	64GB
Motherboard:	Supermicro X11SPW-TF
Hard disks:	2x 1TB HD, hot-swappable
Power supply:	2x 700W
Network Ports:	2x 1Gbit 2x 10Gbit 4x 10Gbit SFP+
Form factor:	1U rack mount
RAID:	Yes

### Throughput

Firewall:	10 Gbps
Content filter:	5 Gbps
Sustained:	2 Gbps
Max clients:	15000

## Usable Reports

Dive into our intuitive and easy to use reports and gain insight into browsing habits on your network. With a plethora of ways to view your data and our unique method of pivoting, you can create filters to give you a laser-like focus on the traffic that you want to see.

## Multi-Gateway Load Balancing

Need to use multiple connections at the same time? Cipafilter makes it easy to harness multiple ISPs for redundancy, while giving you the flexibility to route traffic out through any service provider.

## Authentication Integration

Allow eSports, block Facebook, and give your users access to network resources based upon their group membership. Cipafilter integrates painlessly with all major directory services to let you know who is accessing what on your network and to provide a single sign on experience!

## VPN Services

Remote work has become a growing reality. Rest assured that your remotely accessible resources are safe and secure using our VPN capabilities, giving your users the access they need to keep things on schedule. Need to join a remote office or school network to your main location? No problem. Use our site-to-site IPsec based VPN to seamlessly connect your entire remote network.

## Bandwidth Control

It's easy to use right out of the box with minimal setup. Improve your user experience and ensure that your users and mission critical apps have the resources they need by enabling QoS via Cipafilter's Bandwidth Control. Perhaps you wish to be a little more hands on? Establish priority based upon subnet, domain name, port, or application type and get granular!



**INSPECT**  
**PROTECT**  
**INFORM**