



Netfox

AAA Hotspot Solutions

For Educational Segment

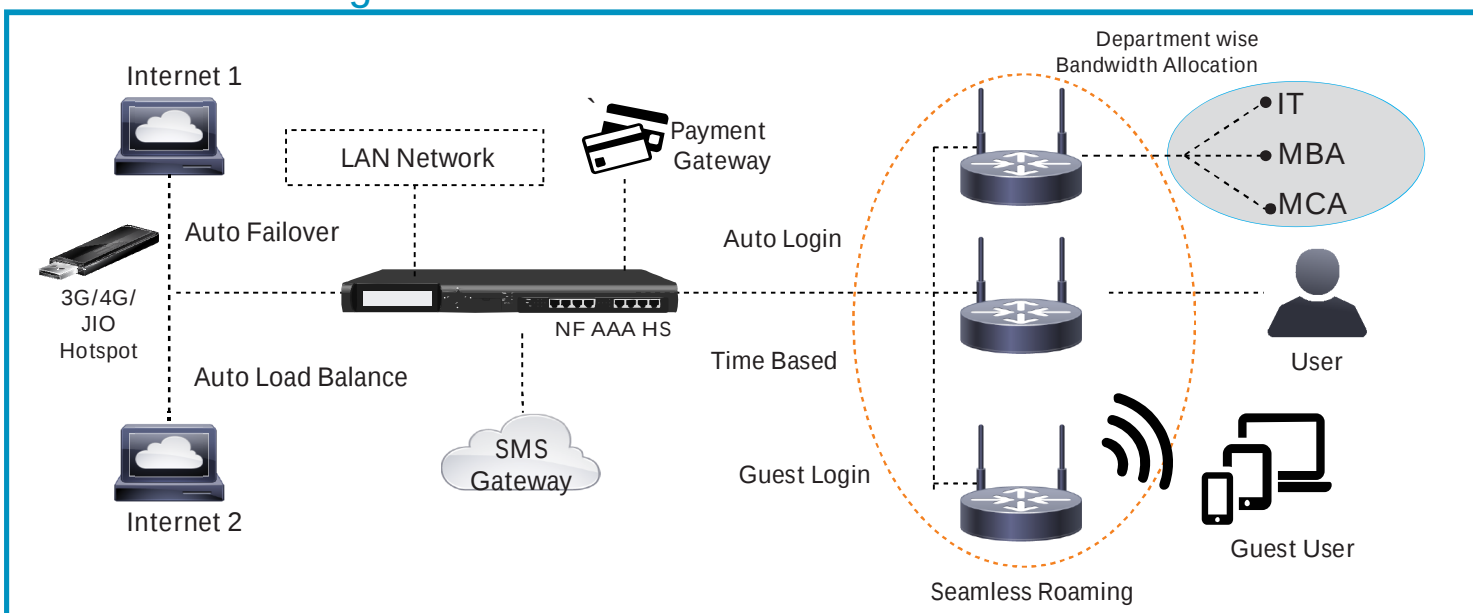
- | Authentication
- | Authorisation
- | Accounting



- | User Management & Bandwidth Management
- | Co-Works with Any Access Points & Any UTM
- | User Scalability

www.netfoxfirewall.com

Illustration Diagram



Key Features

- BYOD Support
- Mac/IP/OTP based Login Control
- Post Paid/Pre Paid
- Smart Bytes
- Day & Night Plan
- Department wise Login
- HoS
- LAB wise Bandwidth
- IP restricted Login
- Internet only on LAB hours
- SMS Gateway
- Payment Gateway
- Co-work with Any UTM
- Traffic Analyzer
- AD Integration
- Group Management
- Logs & Reports
- Website Block(Add On)
- Co-Work with Any Access Points
- Support Wired and Wireless Network
- One Account for entire Network

Netfox AAA Hotspot Features

Authentication

Browser Login

Device Login

AD, LDAP, PMS

User Management

AD Based & Individual Login

Hours of Service (HoS)

One Account One Network

Limit Login to Multiple Device

Separate Office Login

Guest Login

Billing Features

Inbuilt Invoice

Usage Based Billing

Billing Based on Allotment

Pre Paid & Post Paid Billing,

Time Based Billing

Black List Manager

GEO IP Support

Device Black List with HoS

URL Black List with Web Proxy*

IP & Mac Based Black List

White List Controller

Black List Controller

Bandwidth Control

Assured Bandwidth

Shared Bandwidth

Segregated Bandwidth

User Based Bandwidth

Fair Usage Policy (FUP)

Integration

SMS Gateway

Payment Gateway

PMS Integration

Co-Work with Any UTM

Co-Work with Any AP's

Reports

Bandwidth Usage Report

User Management Report

Account Expiry Report

Change Log Report

Session Report

Topup Summary

Invoice Report

Authorization

User Name and Password

IP Address

Mac Address

IP & Mac Address

Match Multiple IP & PPPoE

Plan Manager

Post Paid

Pre Paid

Smart Bytes

Daily Usage Plan

Day & Night Plan

Template Manager

Invoice Template

Voucher Template

Email Template

SMS Template

Security

Stateful Firewall

SNAT, DNAT, NoNAT

One to One NAT

Netmap NAT

Rules & Port forwarding

GEO IP Filter

Netfox UTM (Optional)

BYOD Control

Mac Based Login

OTP Login

Auto Re-Login

Self Login

Connectivity

Multiple ISP

Auto Load Balance

Auto Failover

3G / 4G / I/O Hotspot Support

Accounting

Time Based

Usage Based

Bandwidth Based

Voucher Manager

Data TopUp Voucher

Recharge Offers

Bandwidth Based Voucher

Discount Voucher

Default Printer Printouts

Captive Portal

Redirect to Web Portal

Server Redirect

OTP Redirect

Multiple Captive Support

Traffic Analyzer

Live Sniffer

Realtime Netflow

Live Bandwidth Usage

Analyzer Report

Networking

Inbuilt DHCP & DNS Server

Static & Dynamic Routing

IP Pool Manager

VLAN

Internal Domain Support

PPPoE Support

Log Details

System Log

Network Log

Firewall Log

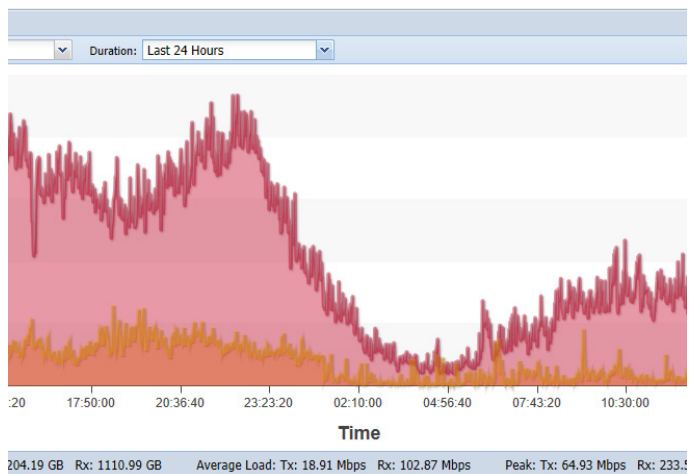
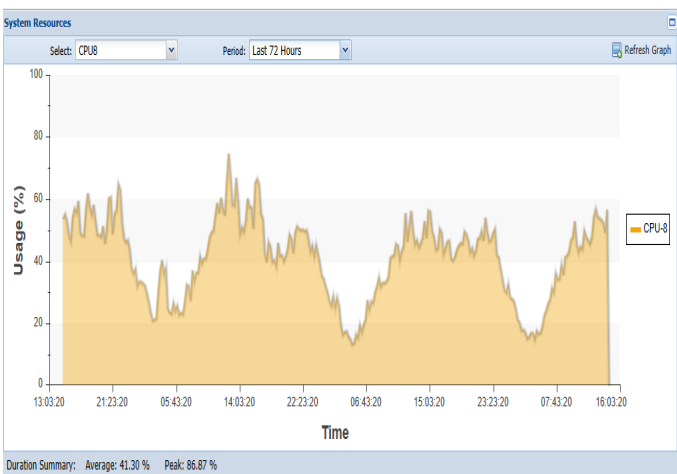
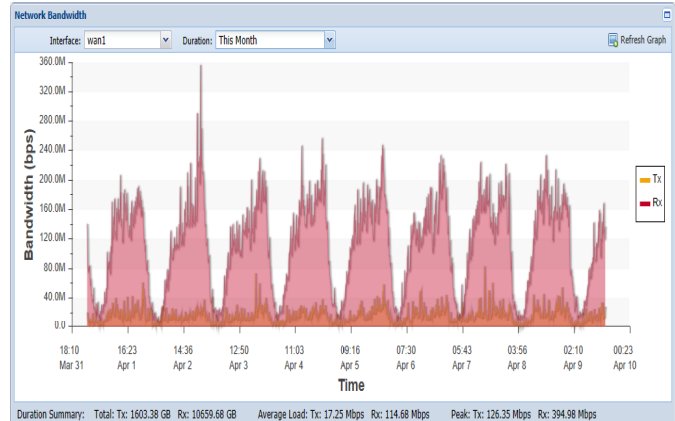
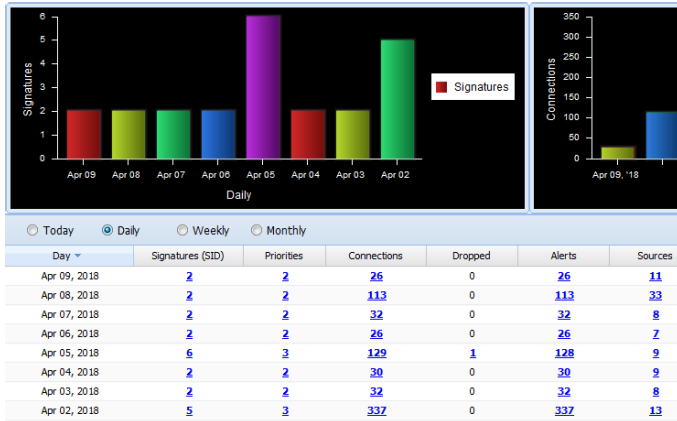
Hotspot Log



NF AAA Hotspot Variants

Variants	Hospitality Hotspot	Office Hotspot	Education Hotspot
Postpaid Accounts			
User Management	Yes	Yes	Yes
Time Frame	Yes	Yes	Yes
Group Management	No	No	Yes
Email Templates	Yes	Yes	Yes
SMS Templates	Yes	Yes	Yes
Invoice Templates	Yes	No	No
Message Templates	Yes	Yes	Yes
IP Pools	Yes	Yes	Yes
Prepaid Accounts			
Usage plans	Yes	No	No
Vouchers	Yes	No	No
Vouchers Templates	Yes	No	No
Account Recharge			
Discount Coupon	Yes	No	No
Smart Bytes	Yes	No	No
Recharge Plans	Yes	No	Yes
Coupon Bundles	Yes	Yes	Yes
Black List Management			
Device Type Black List	No	Yes	Yes
LAN IP/MAC Black List	Yes	Yes	Yes
WAN IP Black List	Yes	Yes	Yes
Customization			
Captive portal	Yes	Yes	Yes
Status Window	Yes	Yes	Yes
Plugins			
LDAP / AD Settings	No	Yes	Yes
PMS Settings*	Yes	No	No
Global Settings	Yes	Yes	Yes
Email Settings	Yes	Yes	Yes
SMS Gateway	Yes	Yes	Yes
Management			
SNMP	Yes	Yes	Yes
Remote Syslog	Yes	Yes	Yes
Alerts/ Logs/ Reports			
Email Settings	Yes	Yes	Yes
Alerts	Yes	Yes	Yes
Reports	Yes	Yes	Yes
FTP Log Export	Yes	Yes	Yes
Failover and Balance with 3G/4G	Yes	Yes	Yes
Payment Gateway/OTP*	Yes	Yes	Yes

Optional : Payment Gateway & OTP as 3rd Party Integration



Reports Sample Images



[Alerts](#) | [Logs](#) | [Reports](#)

- 78 Logs*
- 22 Reports*
- 23 Debug Commands*
- Alerts via Email / SMS
- Config Management
- System Management
- Software Management
- Admin User Management
- Ethernet Port Management
- Config Page Log Report
- Daily Config Backup via Email & FTP

*Value mentioned above when Netfox UTM integrated

Netfox Support

Netfox products come with direct OEM support round the clock by trained professionals for product configuration and support. Netfox helps customer on security best practices to make the network hacker free and more reliable.



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