

TINA



Telephony Integrated Network Architecture

Integrated Data and Voice Solution for Business

Equinet's latest product, **TINA**, builds upon Equinet's plethora of successful appliances and uses highly integrated converged technologies such as Voice over IP (VoIP) and Network Security, together with sophisticated Quality of Service (QoS) techniques to provide combined voice and data communications solutions for institutions and businesses. This unified communications approach significantly improves flexibility while reducing both infrastructure and operating costs.



DATA / UTM

- Advanced firewall for gateway and multi LAN support
- IP Equipment compatibility
- Virtual Private Network (VPN) support for secure access through the firewall to PCs, servers and resources on the local network
- PC and Smart device VPN clients
- Email server with Anti-Virus
- Spam and Malware detection options
- Dynamic and configurable web caching enables web pages to be served at LAN speeds
- Local backup of servers and PCs – fully automated and encrypted disk - can be mirrored to a secure off-site location
- EDGE Anti-Virus and Anti-Malware
- On-board diagnostics with alert functions
- Second line and 3G/4G options
- 24/7 central monitoring and support
- On/Off-site backup

TELEPHONY

- Fully functional IP PBX
- Auto-attendant
- Find Me, Follow Me applications
- Message and call recording
- Full message type interoperability - voicemail to email, for example
- Call Blocking to automatically reject nuisance callers
- Multiple concurrent calls supported
- Low cost International calls, unlimited Local and long Distance
- Pick-and-Mix from a menu of easily configured voice and telephony features and functions
- Meet Me Conference Bridge with secure conference
- VPN can provide extra security for inter-site calls
- Unified messaging, voicemail to email
- E-911
- Virtual Fax
- Hot Desking

KEY:

UTM - Unified Threat Management
AFW - Application Firewall
WC - Web Caching

VoIP - Voice Over Internet Protocol
AFO - Automatic Failover

QoS - Quality of Service
WiFi - Wireless Fidelity (A,B,G,N)
VPN - Virtual Private Network
SM - Subscription Music



NOT JUST A BOX, A SOLUTION!



TINA HIGHLIGHTS

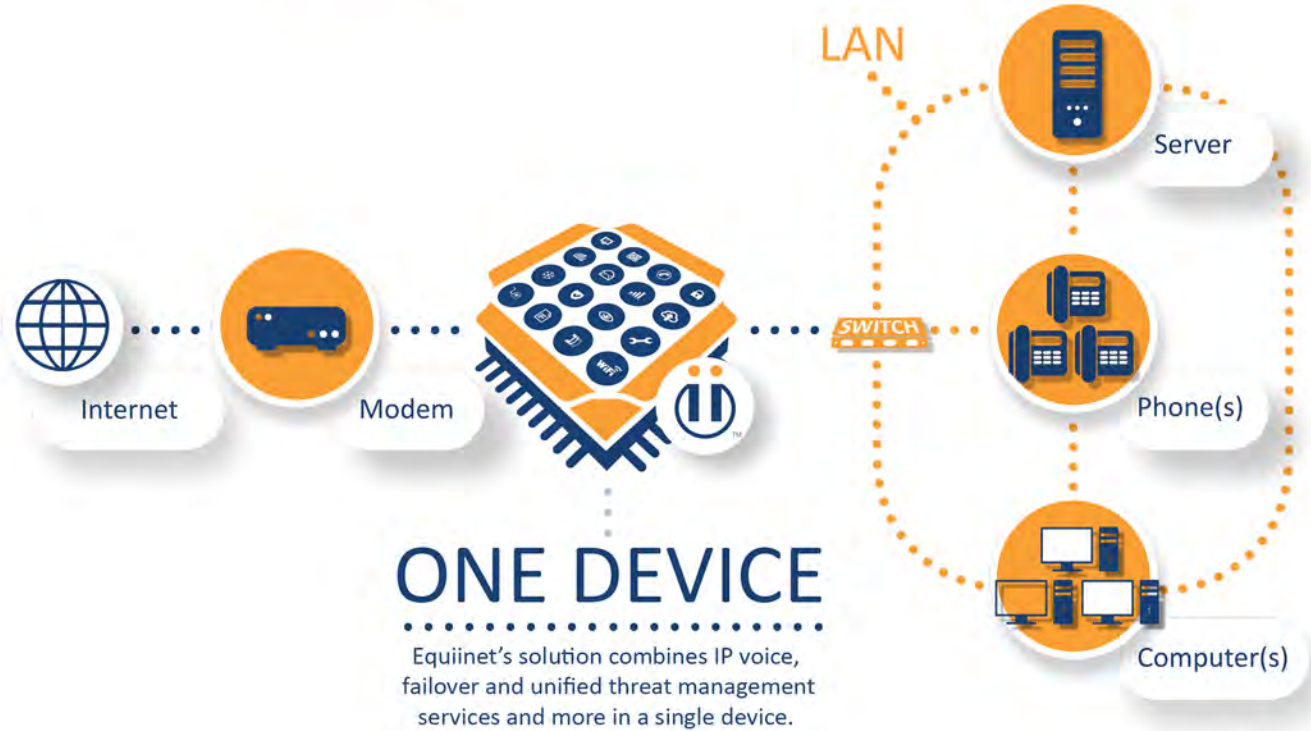
- One Device
- QoS
- UTM
- EDGE Anti-Virus and Anti-Malware
- Auto Failover* 3G/4G and Broadband
- Remote Diagnostics
- 24/7 Support, Monitoring and Response
- On-Site/Off-Site Backup
- Reduce Power Usage
- Remote Upgrades
- IP Equipment Adaptability
- Scalable
- Space Saving Compact Size

* If available at EDGE device

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Save Time, Money and Simplify Communications

- Auto Attendant
- Simultaneous Ring
- Direct Inward Dialing
- Unlimited Local/LD
- Do Not Disturb
- Virtual Fax

Work Securely and Better Anywhere

- Meet Me Conference
- Voicemail to Email
- Central File Storage
- Virtual Private Network
- Wi-Fi Access
- Caller ID

Unified Threat Management

- Anti-Virus/ Anti-Malware
- Firewall
- Content Filtering

Automated Disaster Prevention

- Auto Failover
- Battery Backup
- On | Off-site Backup

Broadband Optimization

- Web Caching
- Quality of Service (QOS)
- Prioritization

Media Services

- Music Subscription

COMING SOON!

Specifications subject to change. Equinet acknowledges all trademarks.

Specifications

CPU	Intel® Atom™ N2600 Processor (Dual Core / 1.6 GHz / TDP 3.5W)
Chipset	Intel® NM10 Express Chipset
Graphics	Intel® Graphics Media Accelerator 3600
I/O Chip	ITE8772
Memory	SO-DIMM DDR3-800 up to 4G
Storage	2.5" 320G or 500G, 5400RPM, SATA Type (Customizable Storage Space Available)
LAN/WAN	Realtek Gigabit (RTL8111E)
Wireless	Wi-Fi IEEE 802.11 a/b/g/n

Ports	1 x HDMI Port 4 x USB 2.0 connections 1 x VGA Port 2 x RJ45 1000M 2 x COM Port 1 x DC-in Jack 1 x 4-in-1 Card Reader (SD / MMC / MS / MS PRO)
Cooler	Fanless design
Form Factor	Mini PC
OS	Linux
Operating Temperature	0°C --- 35°C
System BIOS	SPI 16Mb Flash ROM, Phoenix EFI BIOS ; ACPI
Dimensions	190mm x 149mm x 26mm



- Internal 320 or 500 G HDD
- Intel chipset, including a N2600 CPU, running a Linux operating system



• WiFi antenna

• HDMI

• VGA

• USB 2.0

• DC power via an external adapter



• SD card

• USB 3.0



• COM port I

• COM port II

• WAN



• LAN



Power usage: 14 W



Wall/rack mounts available



Compatible with most SIP phones

Unified Threat Management (UTM)

EDGE Inspection Firewall

- Multiple security zones
- Access Control Criteria (ACC) : User-Identity, Source and Destination Zone, MAC and IP address, service
- UTM policies, web filtering, Application filtering, antivirus, Anti-spam and bandwidth management
- Application (Layer 7) control and visibility
- Access scheduling
- Source and destination NAT
- H.323, SIP NAT Traversal
- 802.1q VLAN support

EDGE Anti-Virus & Anti-Spyware

- Virus, worm, Trojan detection and removal
- Spyware, malware, phishing protection
- Automatic virus signature database update
- Scan HTTP
- Self service quarantine area
- Scan and deliver by file size
- Block by file types
- Add disclaimer/signature

EDGE Anti-Spam

- Inbound scanning
- Outbound scanning
- Real-time Blacklist (RBL), MIME header check
- Filter based on message header, size, sender, recipient
- Subject line tagging
- Redirect spam mails to dedicated email address
- Zero hour virus outbreak protection
- Self service quarantine area
- IP address black list/white list
- Spam notification through Digest
- IP reputation-based spam filtering

Web Filtering

- Inbuilt web category database
- URL, keyword, file type block
- Web categories: default(89+), custom
- Protocols supported: HTTP
- Block malware, phishing, pharming URLs
- Category-based bandwidth allocation and prioritization
- Block Java applets, cookies, Active X
- Data leakage control via HTTP, HTTPS upload
- Schedule-based access control
- Custom block messages per category

Virtual Private Network

- Open VPN
- Standard encryption-Blowfish
- Hash Algorithms - MD5, SHA-1
- Authentication: shared key, digital certificates
- IPsec NAT Traversal
- Dead peer detection and PFS support
- Diffie Hellman Groups - 1,2,5,14,15,16
- External certificate authority support
- Export road warrior connection configuration
- Domain name support for tunnel end points
- VPN connection redundancy
- Overlapping network support
- Hub & Spoke VPN support

Open VPN

- TCP & UDP tunneling
- Authentication - Active directory, LDAP, RADIUS
- Multi-layered client authentication - Certificate, username/password
- User & group policy enforcement
- Network access - Split and full tunneling
- Granular access control to all the enterprise network resources
- Administrative controls - Session timeout, dead peer detection
- TCP-based application access - HTTP, HTTPS, RDP, TELNET, SSH

Wireless WAN

- USB port 3G/4G and WiMax support
- Primary WAN link
- WAN backup link
- Wi-Fi IEEE 802.11 a/b/g/n

Bandwidth Optimization

- Application based bandwidth management
- Category-based bandwidth restriction
- Guaranteed bandwidth policy
- WAN bandwidth reporting

User Identity-based and Group-based Controls

- Access time restriction
- Time quota restriction

Networking

- Automated failover/failback
- Policy routing based on application and user
- IP Address assignment - Static, DDNS Client, Proxy ARP, DHCP server, DHCP relay
- Supports HTTP proxy, parent proxy with FQDN
- Dynamic routing: RIP v1& v2, OSPF, BGP

Remote Administration and System Management

- Web-based configuration
- Role-based access control
- Firmware upgrades via Web UI
- Web 2.0 compliant UI (HTTPS)
- NTP support

User Authentication

- Internal database
- Active directory integration

24/7 Proactive Monitoring and Logging

- Graphical real-time and historical monitoring
- Email notification of reports, viruses and attacks
- Syslog support
- Log Viewer - Web filter, Anti-Virus, Anti-Spam, authentication, system and admin events

On-Appliance Reporting

- Integrated web-based reporting tool
- Historical and real-time reports monitoring dashboard
- Reports - security, Spam, Virus, Traffic & VPN, Search Engine keywords
- Multi-format reports - tabular, graphical
- Exportable formats - PDF, Excel
- Automated report scheduling

Open VPN Client

- Inter-operability with major VPN Gateways
- Supported platforms: Windows 2000, WinXP 32/64-bit, Windows 2003 32-bit, Windows 2008 32/64-bit, Windows Vista 32/64-bit, Windows 7 32/64-bit, Windows 8 32/64-bit
- Import connection configuration

Backup

- Local backup for speedy restore
- Backup of servers, PCs and laptops
- Critical files may be backed up off-site
- Time scheduling for out-of-hours backups
- Backup file encryption
- Windows VSS compatible
- User defined backup policies
- User or Administrator restore
- Configuration storage allocation

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