



ForeFront™ 3124 Series

ADSL, ADSL2/2+ IP mini DSLAM

Deliver voice, video and high-speed data for up to 24 users with Patton's ForeFront™ 3124 ADSL2+ DSLAM.

Built-in Triple Play Support

ADSL2+ high-bandwidth downstream with Multicast support, IGMP snooping, and QoS included.

Annex M

Additional upstream speeds to 3 Mbps accommodate symmetric VoIP traffic

QoS

Per PVC traffic classification with shaping and policing; 802.1p VLAN priority; ToS/DiffServ stripping and priority queuing

24 ADSL2/2+ Ports

Right size the deployment with the best port per-DSLAM ratio. Built-in splitters included.

SNMP/HTTP Management

SNMP/HTTP manageable from any global location including attached CPE units.

Per-Port Configuration

To facilitate the provisioning and tailoring of services, ports are independently selectable to the individual DSL standard and required port speeds.

Patton's Model 3124 delivers affordable network access with downstream rates up to 24 Mbps. When used with Patton's OnSite™ 3101 CPEs, the ForeFront™ 3124 offers a complete solution for fault tolerant IP connectivity or on-demand, high-bandwidth IP services that provide streaming video, online gaming, multimedia applications, and multiple video channels on a single network connection to MxU environments (hotels, lodges, hospitals and more).

The 3124 offers complete ADSL, ADSL2 and ADSL2+ support including extended range operation, and enhanced download and upload speeds. The ForeFront™ 3124 DSLAM includes the intelligence needed to function as a complete single IP DSLAM, thereby providing unparalleled integration and fault tolerance in network deployments.

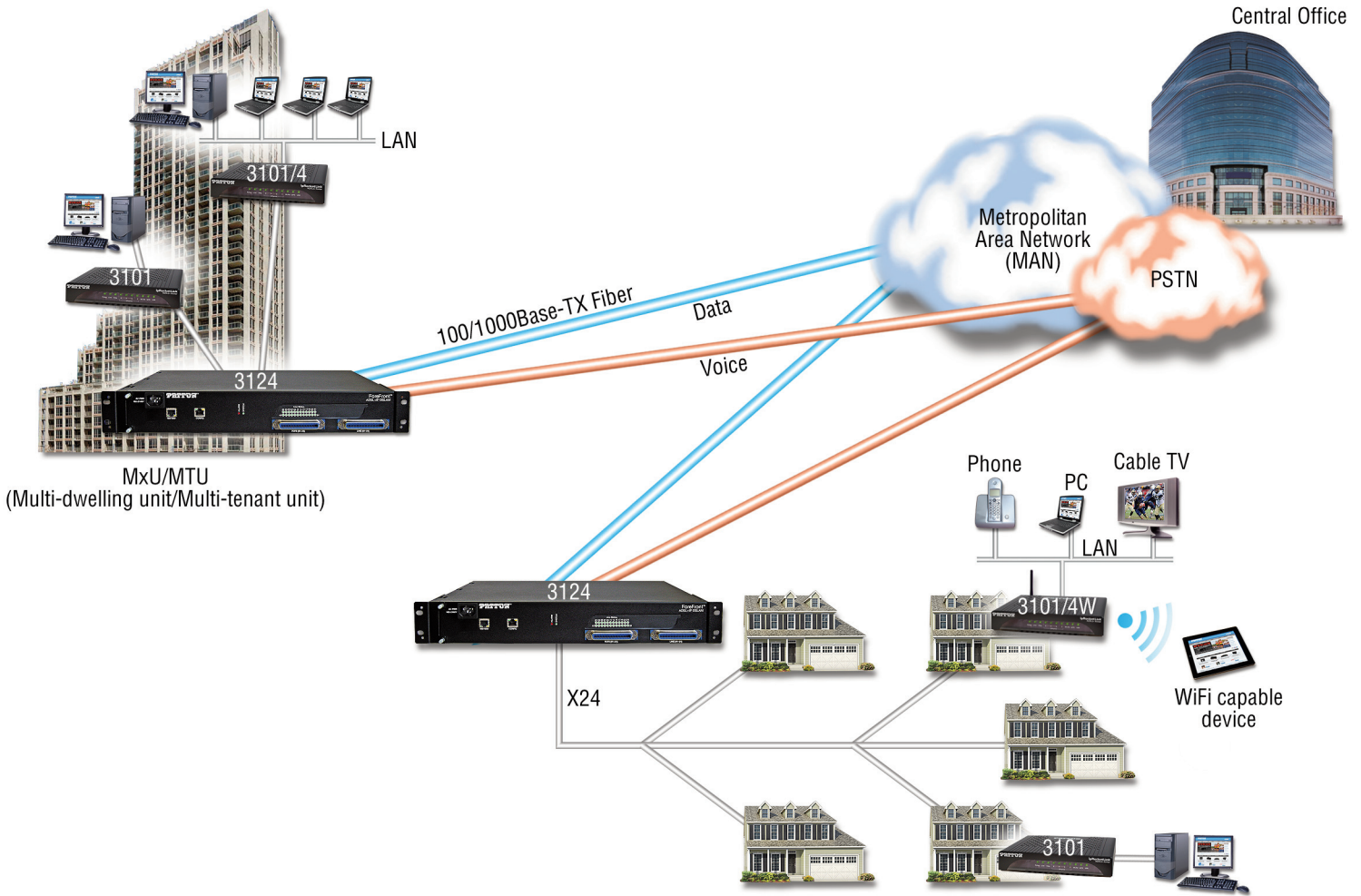
The ForeFront™ 3124 has 24 user-configurable ADSL/ADSL2/ADSL2+ ports with POTS splitters. The built-in POTS/ISDN splitter enables simultaneous life-line, always-on phone links and high-speed data over a single twisted-pair. The mini DSLAM's traffic uplink is via an electrical 10/100/1000 Ethernet port.

The ADSL2+ IP DSLAM is designed with triple-play networks in mind. Reliable delivery of IP-based voice, video, and data services depend largely on the QoS metrics (configurable on a per-port basis). The Model 3124 supports IEEE 802.1p/Q VLAN priority classes. VLAN and VLAN priority ensure extension of subscriber VLAN networks. IGMP snooping maximizes efficient use of WAN bandwidth to detect and forward IP multicast traffic accordingly.

For more information, visit www.patton.com.



Data and Voice Over Existing Voice-Grade Twisted Pair



Specifications*

ADSL2+ Ports

24 ports configurable as ANSI T1.413i2, G.992.1 (G.dmt) Annex A/B with UR-2, G.992.2 (G.lite), G.992.3 (ADSL2) Annex A/B/L/M, and G.992.5 (ADSL2+)

Ethernet Port

RJ-45, 10/100/1000 front-facing, auto-negotiating port

Management Service

HTTP/HTTPS • SNMP • multiple session Telnet • Ethernet • RS-232 console port • remote software upgrade • memory backup • database export and import

Layer 2 Features

MAC filtering and count limit • access control list (ACL) • multicast support • broadcast control • broadcast rate limit

VLAN & bridging Support

Port-based IEEE 802.1Q • IEEE 802.1p priority queuing and re-stripping • IGMP snooping • MAC address filtering

Alarm Reporting

Configurable alarms • remote SNMP traps • front panel LEDs

Compliance

ITU-T K.20, CE Mark • ETSI 300-019 and 300-386 • EN60950 • RoHS compliant

Environment

Operating temperature: -10 to 65°C (14 to 149°F)
Humidity: 5 to 95% non-condensing

Power

Input: Nominal -48 VDC (-36 to -72 VDC)
• AC 100 to 240 VAC

Dimensions

1.5U: 66 H x 432 W x 275 D mm (2.60 H x 17.0 W x 10.8 D in.)

* Specifications subject to change without notice.

PATTON[®]
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