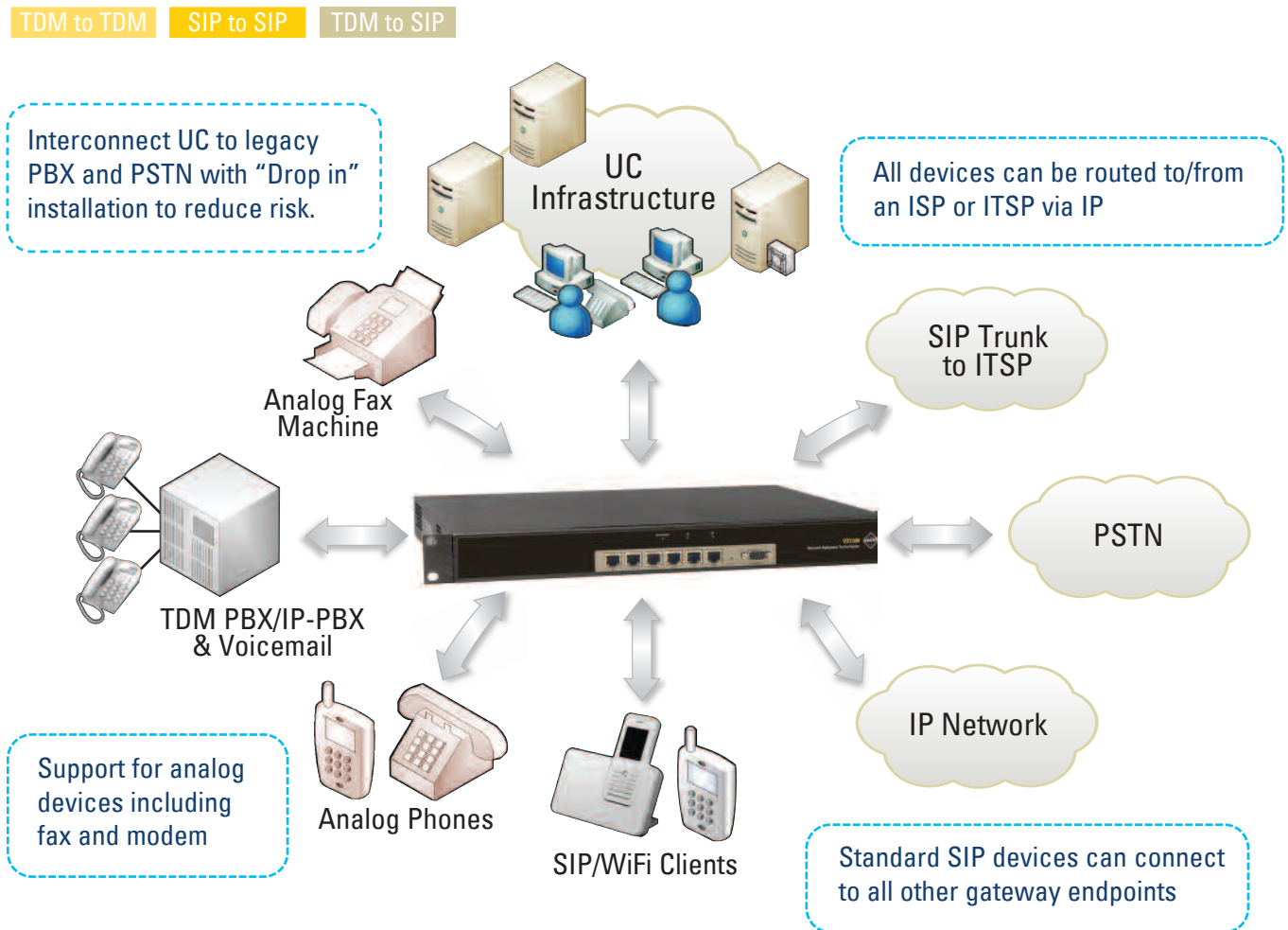


## VX Series Intelligent VoIP Switches and Gateways:

With Any to Any Switching, Everything Works and Interoperates Together Without Costly Upgrades



The VX Series features ['MultiPath' design](#) and ['any to any' switching](#) to assure the easiest deployment and minimum disruptions in the enterprise network.

- ▶ Connectivity between Microsoft OCS 2007 and the:
  - Public Switched Telephone Network (PSTN)
  - IP PBXs
  - Traditional PBX
  - Analog Equipment
  - SIP Endpoints
  - Fax over IP
  - Modem over IP
- ▶ Any to Any Switching Allows Integration Into Existing Hybrid Networks Consisting of Both TDM and SIP Equipment.
- ▶ Ability to Deploy Multiple Gateways Off of a Mediation Server
- ▶ Ability to Extend UC to Branch Offices
- ▶ Integration with Active Directory
- ▶ Complete Security
- ▶ High Performance Call Capacity
- ▶ Customized Microsoft Configuration Wizard
- ▶ Professional Services and Systems Integration

# VX Series Intelligent VoIP Switches and Gateways:

With Any to Any Switching, Everything Works and Interoperates Together Without Costly Upgrades

## OVERVIEW

### VX SERIES UC GATEWAYS OFFER ENTERPRISE-CLASS INTEGRATION FOR THE SUCCESSFUL ADOPTION OF UNIFIED COMMUNICATIONS WITH MICROSOFT OFFICE COMMUNICATIONS SERVER 2007:

**Fully integrated, multi-functional, single box solution** supports easy integration of OCS into today's enterprise voice networks with the simplest, most unobtrusive installation for enterprise VoIP and unified communications. The VX sits in front of the PBX, intelligently routing calls to any VoIP network. A simplified, intuitive interface makes it easy to select which calls go where, and little or no re-configuration of existing equipment is necessary.

**"ANY TO ANY" switching** with NET's fully-integrated multi-service voice switch allows integration into existing hybrid networks consisting of both TDM and SIP equipment.

**SIP to SIP Mediation** provides the ability to interface OCS with standard SIP-based PBXs, IP PBXs, SIP end points and SIP service providers.

**Extends UC to the branch office with a single mediation server** so additional gateways, legacy analog equipment such as phones, headsets, PA systems, are supported without multiple mediation servers. This same capability supports branch office survivability for standard analog and SIP devices, and provides continuous, local call service and intelligent trunk routing in the event of network connectivity failures.

**Only gateway that supports integration with active directory** to automate and facilitate network management of user data, security, resources and call routing.

**Complete security** with the VX's optional hardware-based Security Acceleration Module provides advanced, scalable and high-performance IPSEC, SRTP & TLS encryption for VoIP communications. SSH is used for the CLI, and Rogue Packet Ejector detects and ignores malicious streams.

**High performance call capacity** with wire speed encryption and extreme call set up rates for applications such as call centers, with proactive fault tolerance and load balancing across mediation servers. No lost capacity with encryption!

**Reduces costs** by consolidating and eliminating expensive voicemail and PBX infrastructure, while reducing cellular service costs with support of enterprise mobility and SIP-Wifi devices.

**Customized Microsoft Configuration Wizard** steps you through the configuration process for all your VX Series gateways, offering a simple and easy implementation.

**Professional services and systems integration.** 24x7 technical support. 4 hour worldwide on-site support available.

## FEATURES

The VX Series supports from 1 to 32 T1 or E1 ports, 16 FXS ports and 2 Ethernet ports, making it a compelling solution for enterprises, government entities and service providers looking to deploy IP-based voice networks. VX Series combines the functionality of a media gateway, call control intelligence, H.323/SIP inter-working device and media server in a single, compact chassis. VX Series supports a wide range of voice and call routing features. All of these are backed by a suite of security features..

Conformance to the latest VoIP signaling and call control standards, such as SIP and H.323, assures interoperability within multivendor VoIP deployments. Moreover, the VX's embedded SIP to SIP mediation provides support for standards-based signaling mechanisms and inter-working techniques, and enables the VX to be easily deployed into existing VoIP networks.

VX Series BESTflow™ frame packing technique, together with the BEST™ Signaling Protocol (BSP), affords clear advantages when deploying VoIP platforms. Combining up to 160 individual calls into a single IP packet, BESTflow reduces the required bandwidth and the latency typically associated with transporting voice over an IP backbone network.



NET VX1200 Voice Exchange™



NET VX1800 Voice Exchange™



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