



Carrier Deployable Voice and Fax Service over IP Networks

- **Toll Quality Voice**
- **Dependable IP Fax**
- **Operates over Cellular Wireless M2M networks**
- **Transparent operation with the PSTN**
- **Easy plug and play Install**
- **Extensively used by the US Military**
- **World Wide Deployments in use today**

VoIP and Fax Solutions from NSGDatacom offer proven, high quality, reliable voice, fax and data communication over IP networks including Broadband, and 3G and 4G M2M data networks.

For transparent operation with the Public Telephone Networks, the system operates seamlessly through a local carrier connection that provides Direct Inward Dial (DID) connections to the PSTN. Companion units can also be installed at customer locations to utilize existing PSTN lines through a PBX or Key System.

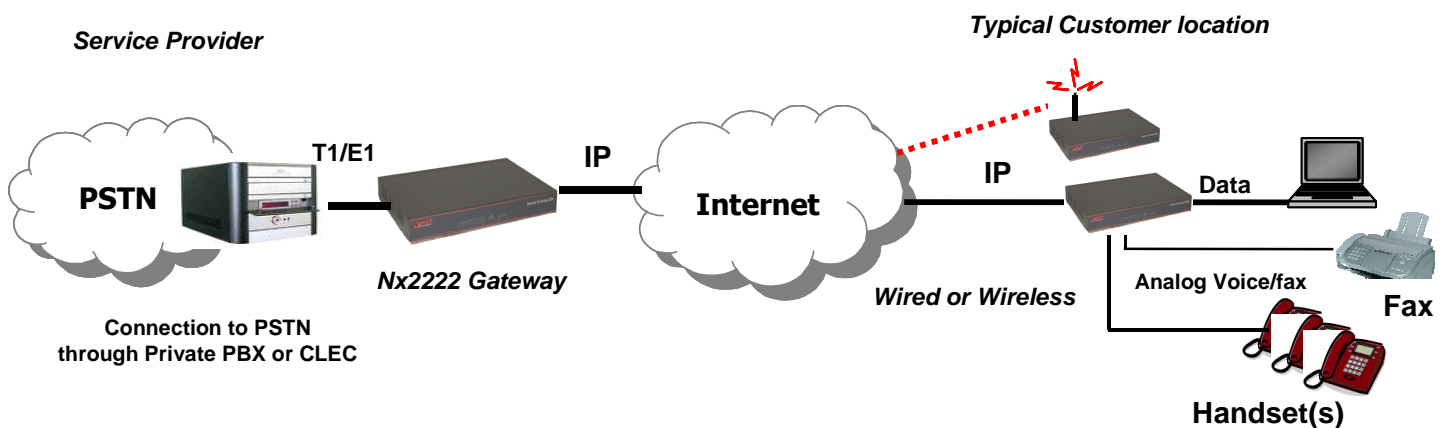
NSGDatacom's **Netrix** brand products offer unique features not normally supported by standard VoIP services, such as dependable fax, dial modem and alarm system support. The system also supports drop in replacement for leased line connections that are used for analog tie lines.

Other applications for the product line are numerous and include, Alarm panels, Point of Sale, Fax over IP, Lottery, Elevators, Remote Data Acquisition, Telemetry, Remote Data Control, Air Traffic Control, etc..

NSGDatacom's **Netrix** brand products have been extensively deployed for US Military voice and data communications for over a decade and were originally developed for use over Military Satellite connections. Many of the Patented techniques remain proprietary to the product line and provide unparalleled performance and voice quality.

The NSGDatacom range of integrated Voice/Data products scale from point to point, to extensive multinational mesh networks, covering a wide range of Enterprise, Public Sector, Government and Carrier grade network applications.

Typical configuration providing managed VoIP and Fax Service



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VoIP and Fax Solutions

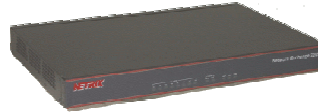
- Combined voice, fax and wide area networking over a **single integrated platform** with multi-protocol data support
- **High quality voice compression** for analog and digital interfaces (FXS, FXO, E&M, T1/E1, PRI and BRI)
- Mixes standards-based and patented voice compression technologies to deliver **high quality voice over M2M Wireless** at efficient data rates
- **Transparent operation with PSTN** through Carrier SoftSwitch (VoIP) or TDM switches
- **Sophisticated prioritization and QoS processes that ensure voice quality** is not degraded when heavy data traffic is also present
- **Powerful Centralized NetrixView configuration, diagnostics and Network Management system**

Nx2205A/2



- 2 analog ports
- 2 Ethernet ports
- Optional Serial Data WAN Port

Nx2205A/4/8



- 4/8 Analog ports
- 2 Ethernet ports
- Optional Serial Data WAN Port

Wi-Modem



- 2 Analog ports
- 1 Ethernet port
- 1 Optional Serial Data WAN port

x2205D



- 2 T1/E1 voice or data
- 2 Ethernet ports
- 1 Serial WAN port

Nx2222

- Carrier switch
- Up to 18 T1/E1 digital ports
- 8 Ethernet ports
- Dual PSU AC/DC
- Hot Swap



NetrixView



- Full GUI network management system (NMS)
- Extensive monitoring, configuration, and diagnostics
- SNMP Manageable