

# Com.X5G

## Universal IP Gateway in a box



# farsouth networks



### Access a new world of feature rich, connected anywhere telephony, at low cost and low risk

#### Telephony Convergence

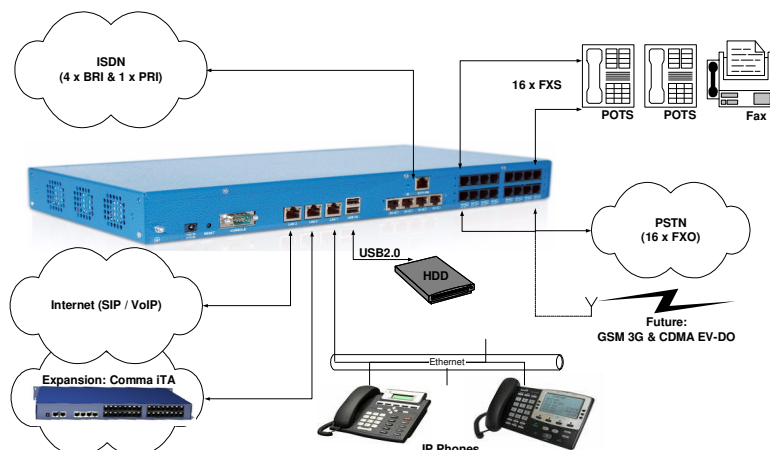
- IP Gateway: Analogue, ISDN, SIP (up to 30 G.729)
- Dynamic routing priorities, Back to Back User Agent
- Internet Access Devices: Router with ADSL2+ / 3G / WiFi
- **ViBE** integration (optional) uses unique QoS algorithm for simultaneous Voice and Data transfer across single IP WAN links, e.g. ADSL2+

#### Low Cost SOHO to SMME Business Solution

- Zero hardware obsolescence: IP Gateway with Value Added Services upgrade to full-featured IP PBX
- Reduce support costs: Web based GUI with powerful diagnostic features and reporting

#### The Integrated Communicator

- Telecoms: Analogue (FXS, FXO), ISDN (BRI, PRI)
- IP: SIP (TCP & UDP, TLS), IAX2
- Data: VPN, VLAN, NAT, Firewall, Encryption
- Fixed Wireless Access: 3G/GSM and WiFi interface
- Broadband IP: ADSL2+ (future X.21)
- QoS: ViBE (from [www.voip-x.co.uk](http://www.voip-x.co.uk))
- Software upgrades: feature rich IP PBX, Centralised Call Recording, Fax Server, Contact Centre



- **1-year h/w warranty**
- **1-year free s/w maintenance program**
- **Remote configuration, management and monitoring**
- **Seamless platform expansion**
- **South African design and manufacture**
- **High calibre technical support**
- **Mature technical training programs**
- **ViBE enabled for guaranteed toll quality voice**

#### Main features

- 1U Rack-mount / desktop
- CODECs: (Up to) 30 G.729, G.711, G.723
- 60 simultaneous calls
- SIP trunks: SIP (TCP & UDP, TLS), IAX2
- Telecom trunks: Analogue & ISDN
- ADSL2+ router (RJ11)
- T.38
- Diagnostics (SIPp & Wireshark)
- System reporting (Nagios)
- 3G/GSM (external antenna)
- WiFi Access Point (external antenna)
- Optional: Internal UPS (battery & charger)
- LAN: 4 x 10/100/1000Base-Tx Ethernet
- Telephony interface support:
  - 1 to 2 PRI and/or 4 to 8 BRI,
  - 1 PRI, 4 BRI and/or 16 Analogue (FXS/FXO)
  - 125 users: Analogue (FXS) or IP
- Expansion via LAN based Comma iTA
- PBX feature set upgrades: Voice Mail to e-mail, Call Recording, IVR, Conference calls, Call Queues & Parking Lots, Hot-Desk, Class of Service calling, Outlook "click to dial" integration, Remote extension support, Video Codec, Operator Panel, 3rd party TMS
- Online updates from Far South Networks public server
- ICASA and Neotel certification (pending)

[www.farsouthnet.com](http://www.farsouthnet.com)

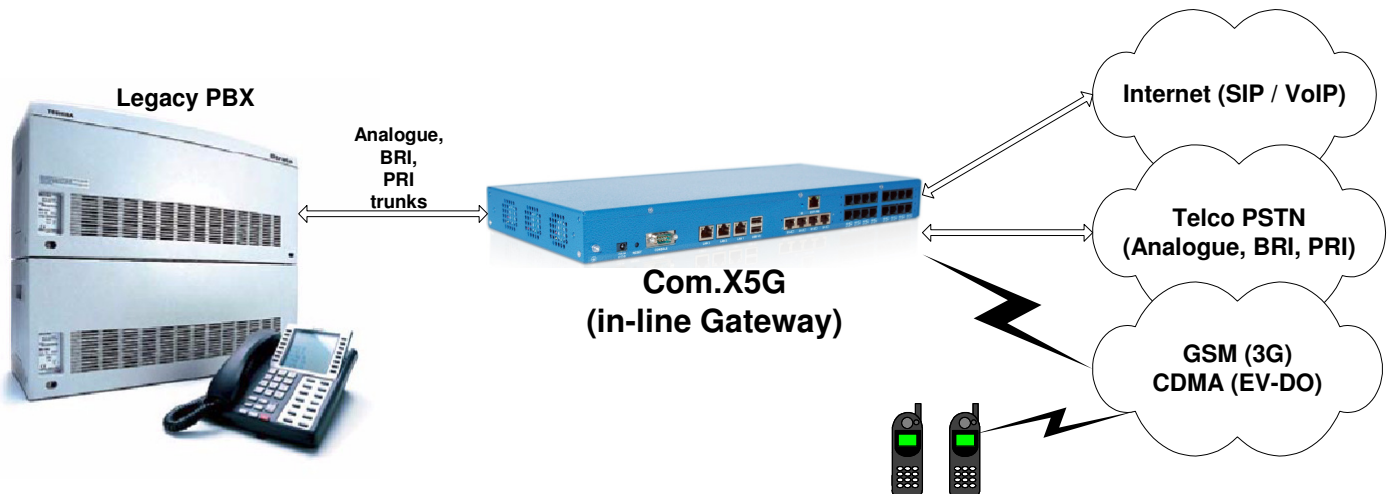
Copyright © 2007-2011 Far South Networks (Pty) Ltd

### Application roadmap

#### IP Gateway deployment

Use the Com.X5G IP Gateway to provide a robust, convenient and cost effective solution for SMME's, with legacy infrastructure and equipment, to gain access to "next generation" SIP services.

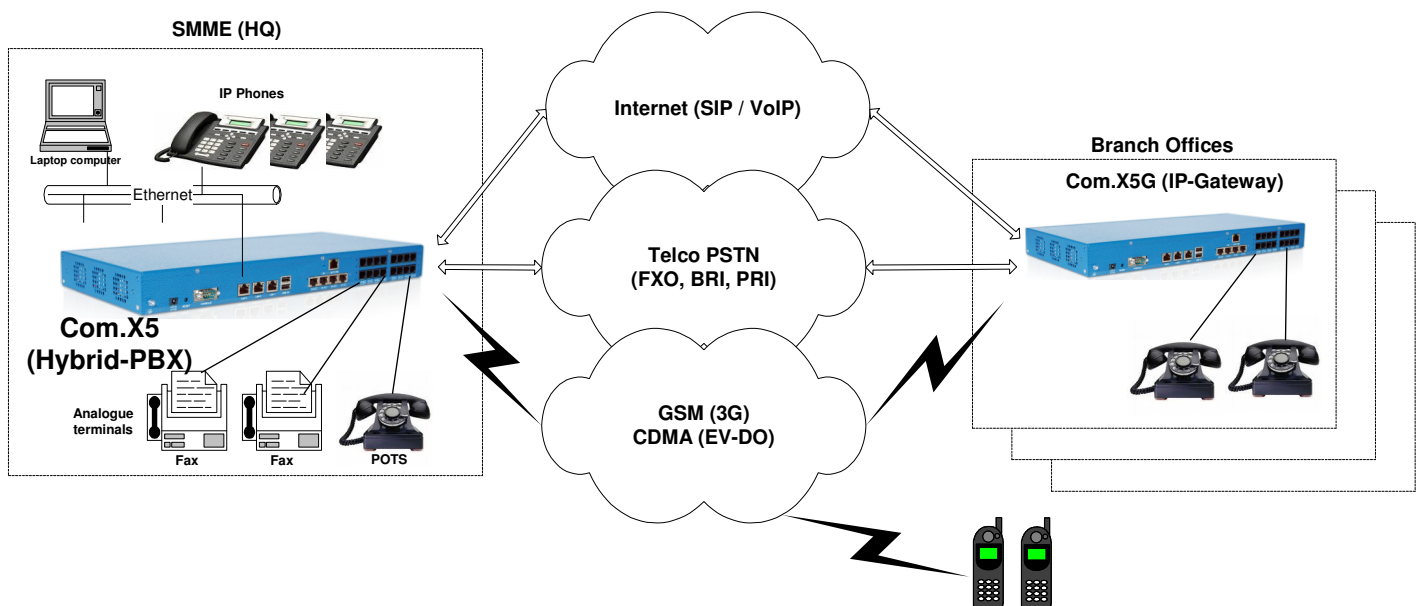
Ensure connectivity with multiple network "failover" options, including traditional telecom, WiFi and 3G/GSM networks.



#### Turn on the PBX – Zero hardware obsolescence

Use the Com.X5G to offer the client value-added telephony services, including Voice Recording, Fax Server, Queue's, IVR and much more.

When the on-site, legacy PBX reaches "end-of-life", turn the Com.X5G IP Gateway into a full featured PBX. All feature enhancements are initiated via simple remote software license upgrade, no hardware swap out required.



### Hosted Telephony Services – Guaranteed Voice Quality and Services

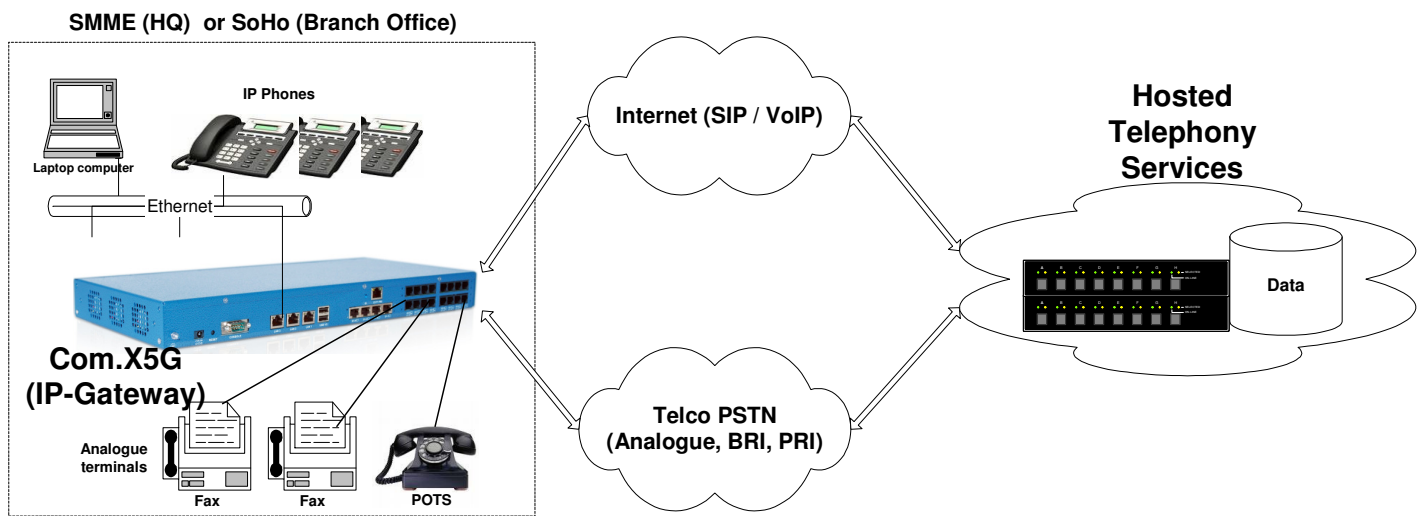
Seamlessly migrate the client to hosted telephony services.

Ensure the highest quality VoIP services with ViBE based QoS.

Ensure the highest network connectivity uptime with the Com. X5G's dynamic network failover feature.

Provide the best network and equipment maintenance service using Com.X5G's powerful diagnostics and reporting features.

Guarantee the client's access to telephony services by offering on-site CPE telephony services failover when the host is unavailable.



Don't be constrained by your telephony equipment.

Com.X offers the business user ZERO hardware obsolescence and an open road to future telephony services of its choice.