farsouth networks

# INTRO TO FAR SOUTH NETWORKS

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PROUDLY SOUTH AFRICAN

# About Far South Networks (FSN)

We provide a scalable, secure and redundant solution for the SMME, guaranteeing quality connectivity via traditional telecoms, IP and fixed mobile convergence. Our partner network installs and services our cost effective solution to their customers throughout Africa and International.

- Distributed Through Africa & International
- Proudly South African
- 7000 + Installations
- Local Manufacturer & Support
- 12 Years Track record, tried & tested
- Approved 3CX OEM Distributor

# Today's Topics

FSN 3CX PBX Features

FSN Product Range

Product Mechanicals

Q & A

# FSN 3CX PBX Features

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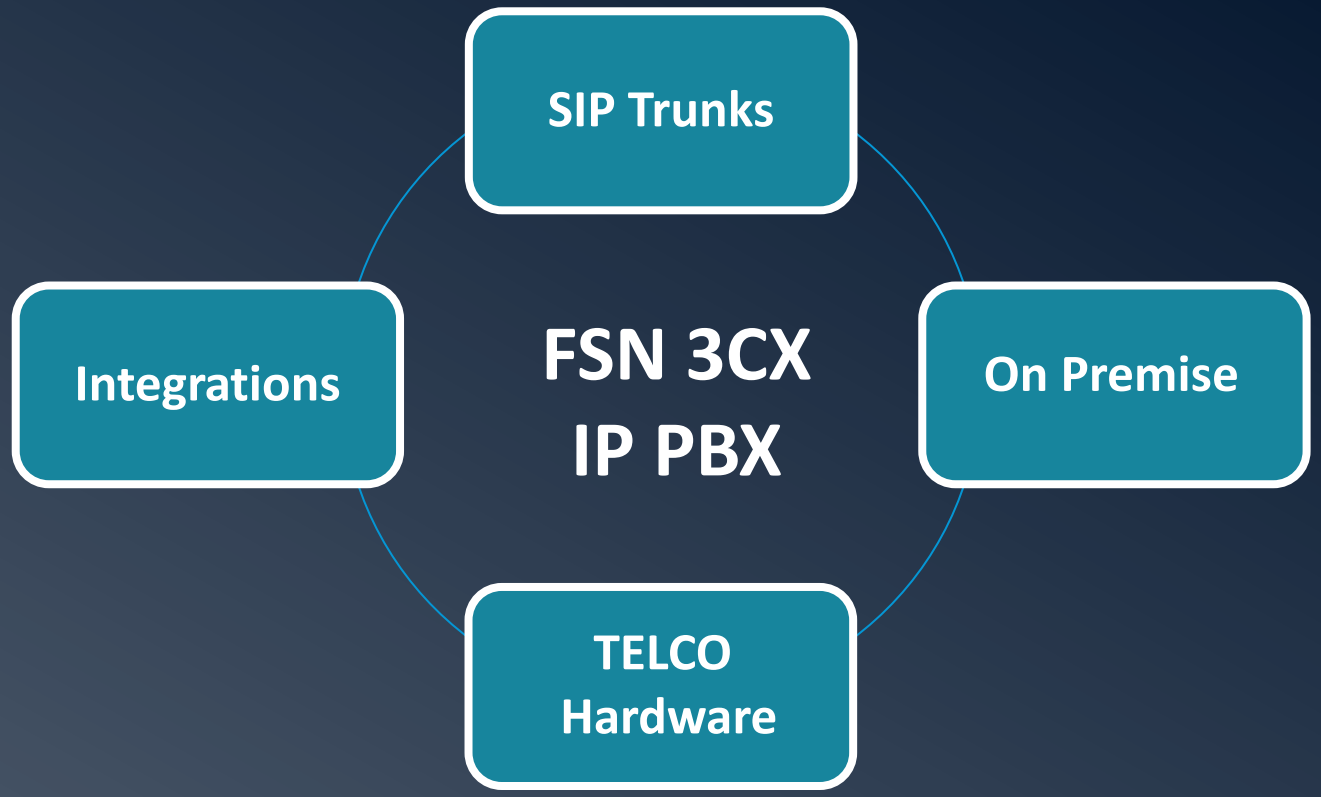
SIP Trunks
Integrations
FSN 3CX
IP PBX
On Premise
TELCO
Hardware

# Key Features - Hardware Benefits

A great solution for small businesses and large businesses

01 Telecoms ports- Analogue & ISDN

02 Connectivity - IP, Wi-Fi

03 Handsets- Analogue & IP

04 Reliable on premise device

05 Survivability & Resilience

06 External LTE Router for VoIP & Data services

07 Redundancy

08 Licensing included (CODEC)

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# Service & Support

FSN has got you covered! We take care of the hardware, software and support.

01 FSN is an Original Equipment Manufacturer

02 Embedded software platform serviced by FSN

03 Software ecosystem for updates

04 Support with FSN

# Product Maintenance

01 Online Sales Training

02 Online Technical Training

03 Product Service (RMA)

04 Extended Warranties

Product lifecycle support

# FSN Product Range

# GATEWAY

## COLLECTION

- Security (black-listing)
- Firewall/Router
- Telecoms – ISDN and PSTN
- VoIP (SIP) – Ethernet, LTE, WiFi
- Flexible call routing
- GDPR Compliant Call Recording

# Far South 3CX Approved Hardware Products

| Models | wanderbox micro | wanderbox uno | wanderbox duo | Com.X10 | Com.X20 |
|---|---|---|---|---|---|
| | | | | | |
| Simultaneous Calls | 16 | 32 | 32 | 64 | 256 |
| Users Maximum | 25 | 50 | 50 | 250 | 1000 |
| Connectivity | Ethernet | Ethernet, Wi-Fi<br>Analogue, PRI | Ethernet, Wi-Fi<br>Analogue, PRI | Ethernet,<br>Analogue, PRI | Ethernet<br>Analogue, PRI |

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# **Comma iTA** “Telecom's line card in a box”

Features:

- 1U rack-mount unit supports high density installations
- Ethernet connection to Com.X or Wanderbox appliance
- Build options:
  - PRI: 1, 2, 3 or 4 ports, AND
  - BRI: 4 or 8, OR
  - Analogue (FXS and FXO): 2 to 24 ports

**Comma iTA provides distributed and scalable telephony functions for all Wanderbox and Com.X products**

Market:

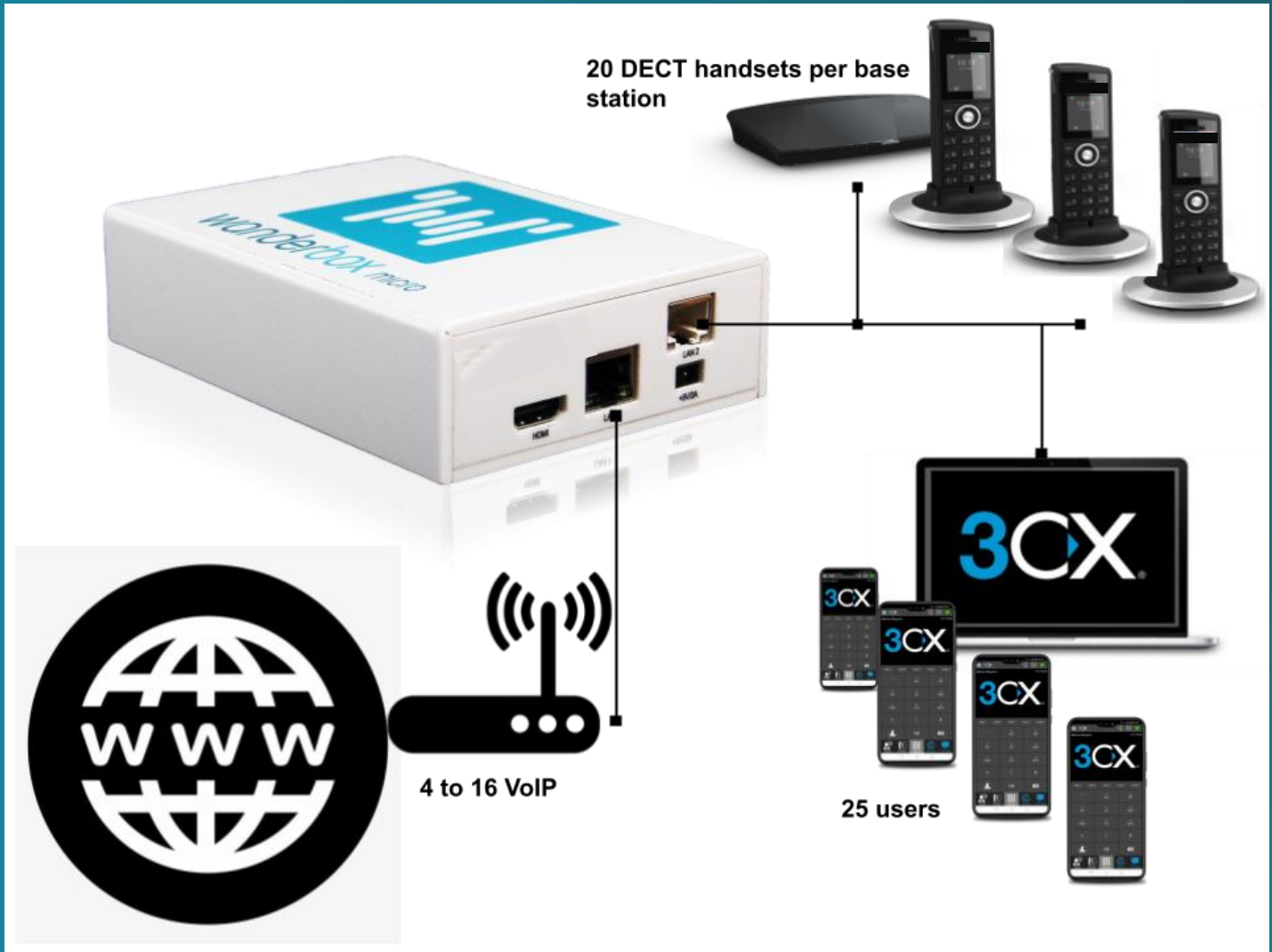
- Telco / VoIP Gateway port expansion
- Hybrid PBX expansion
- Legacy infrastructure re-use
  - Hotels
  - Mining
  - Governments & parastatals

# **Comma iTA** "Telecom's line card in a box"

## Hotel in Geneva, Switzerland

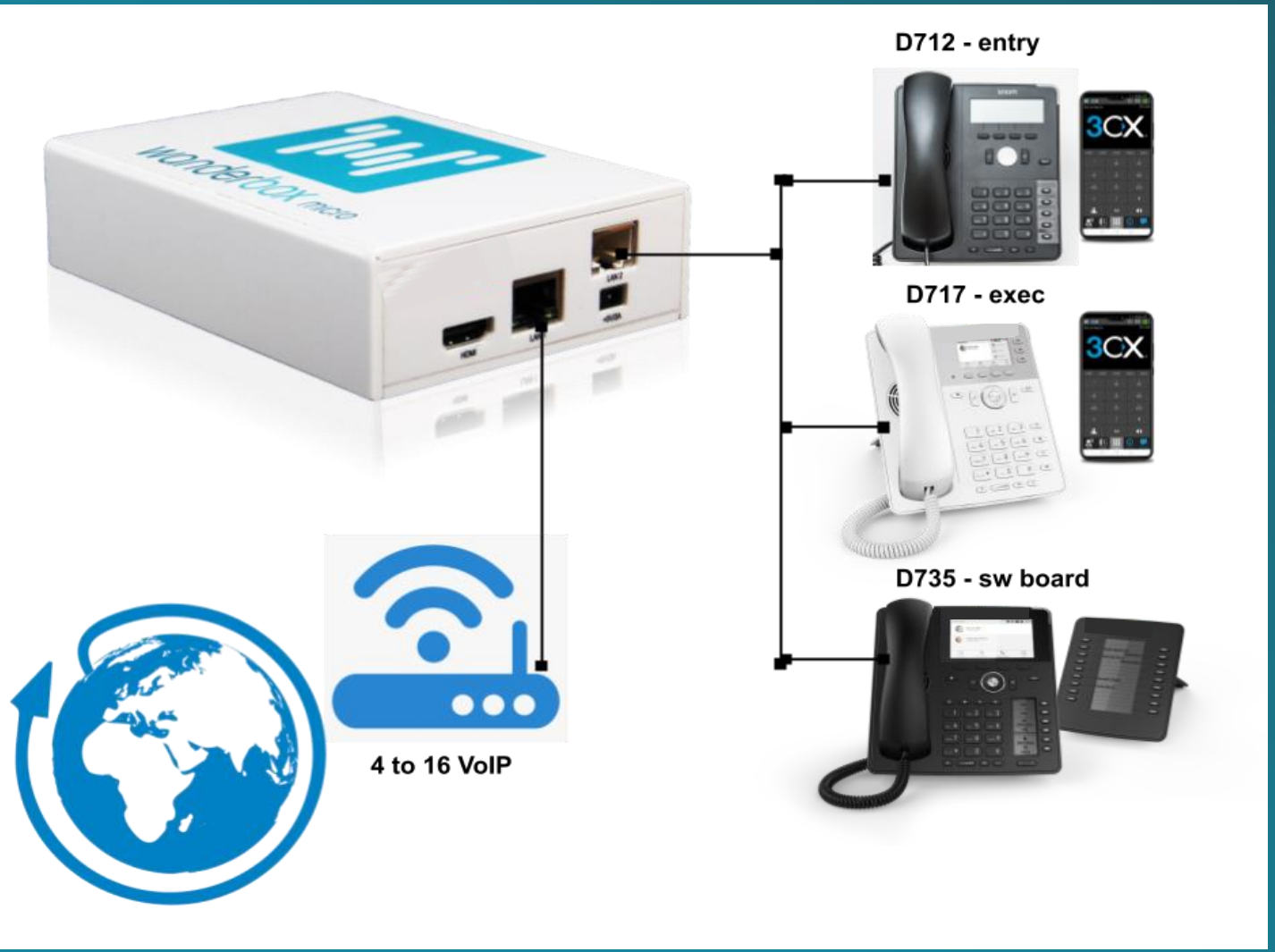
- PBX: Com.X20
- 17x comma iTA's
- 400+ FXS extensions
- Existing analogue phones were used
- Huge cost saving on existing phones

# Sample Packages – soho / mobiles



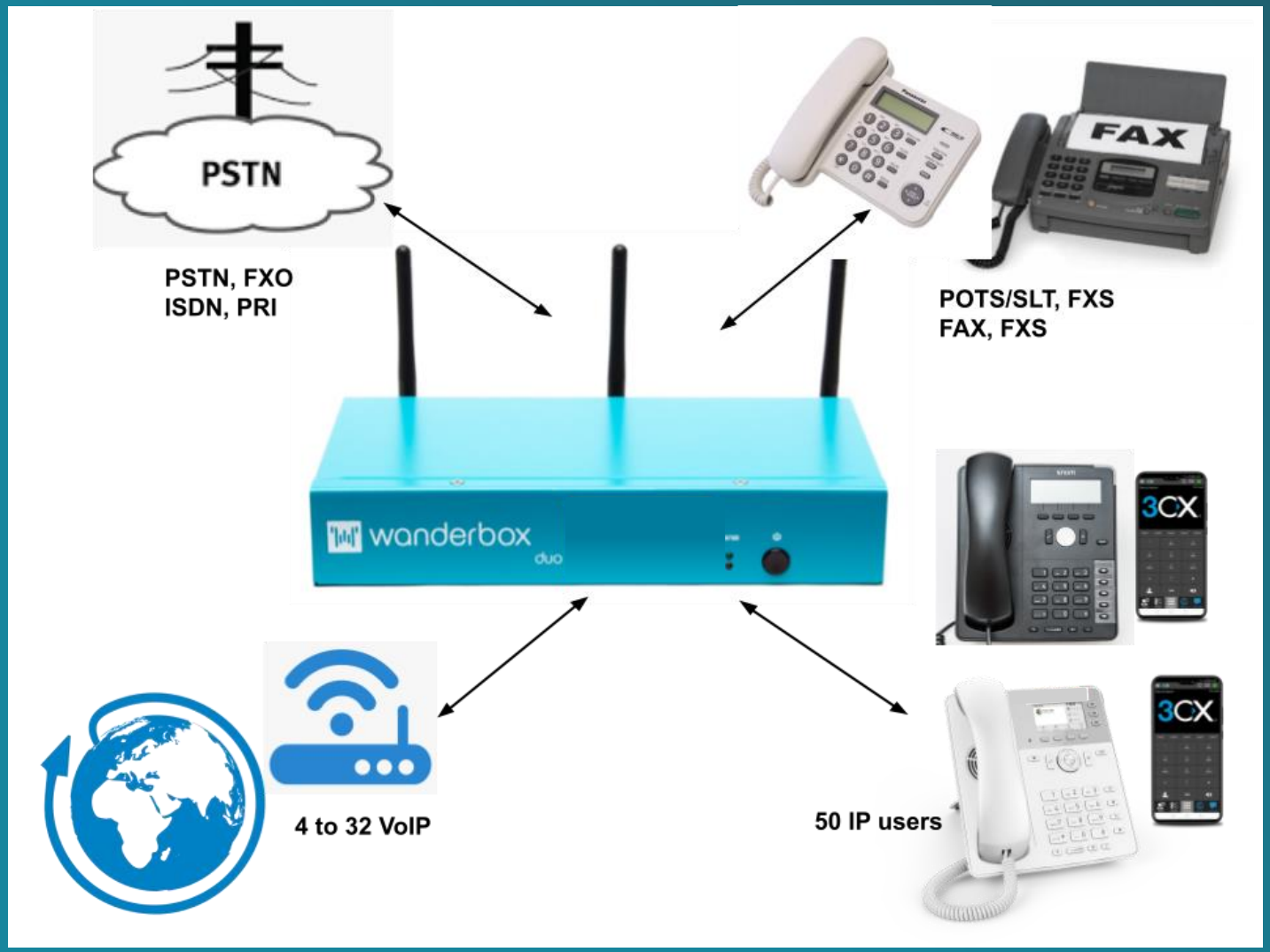

- Quick, simple installation
- 25 users, DECT phones or Mobile app
- 4 to 16 SIP trunks
- 3CX Standard package – NO COST

# Sample Packages – soho / handsets



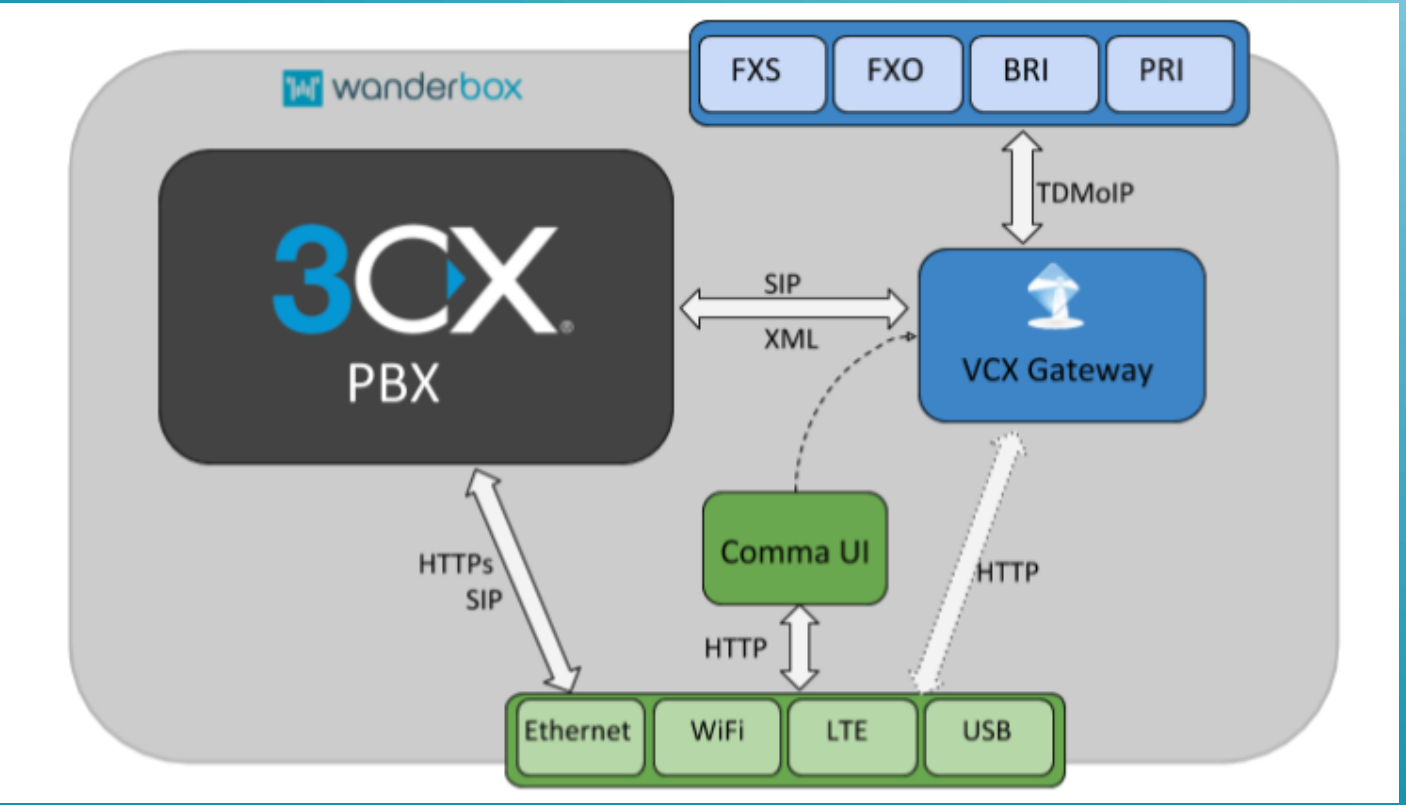

- Ease of Use (Auto-provision)
- 25 users, IP handset
- 3CX mobile apps
- 4 to 16 SIP trunks
- 3CX Standard package – NO COST

# Sample Packages – smme / hybrid




- Infrastructure re-use, failover
- 50 users:
  - IP DECT
  - SLT or fax
  - Mobile app
- 4 to 32 trunks:
  - SIP
  - Telco (PSTN, ISDN)

# Far South 3CX Appliance




01 3CX PBX

02 TDM Gateway

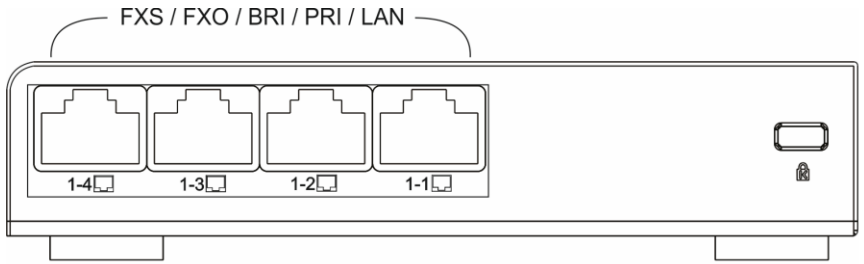
03 Networking tools

# Product Mechanicals

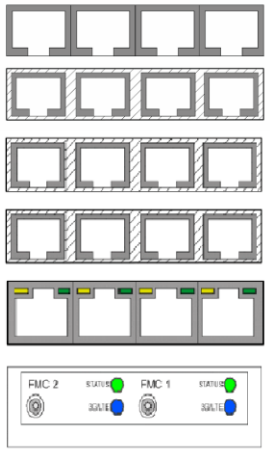
wanderbox uno

# Wanderbox mechanicals

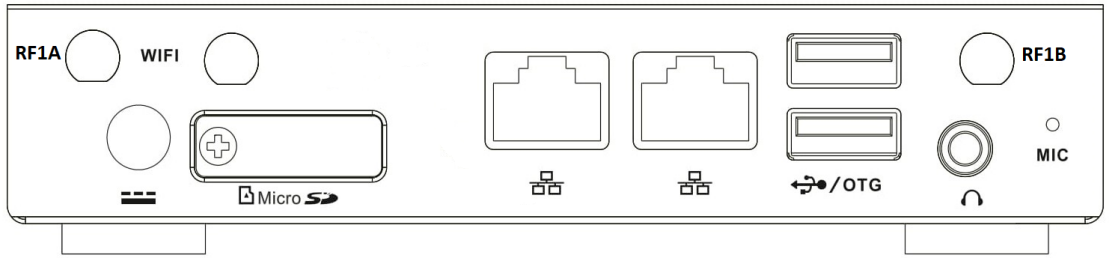
## Side View




Optional Cards for Slot Population




## Rear View

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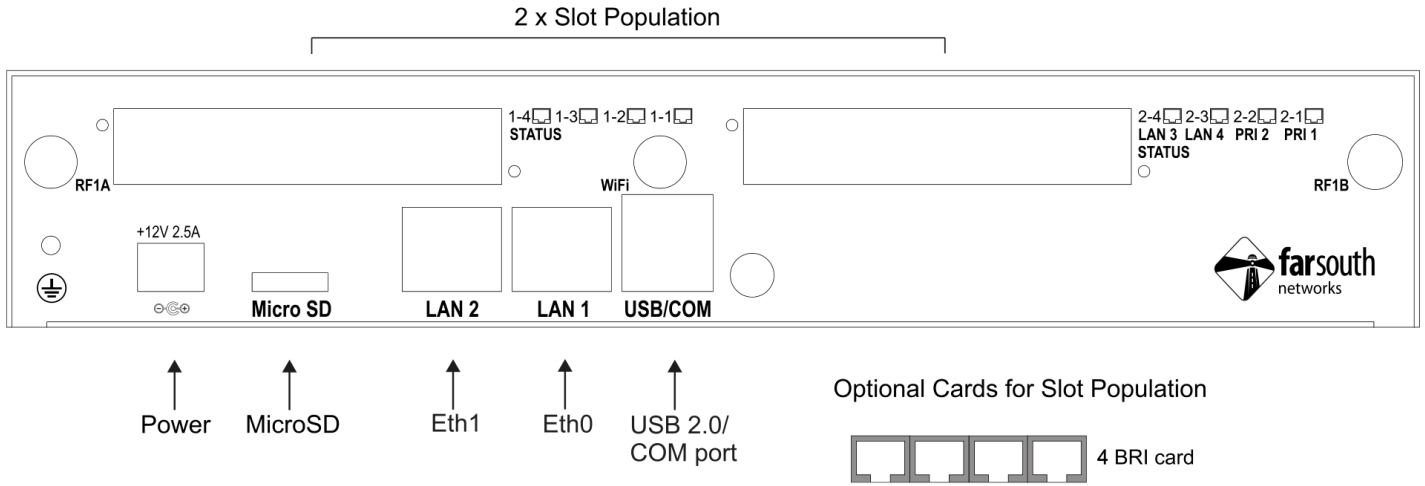
wanderbox duo

# Wanderbox mechanicals

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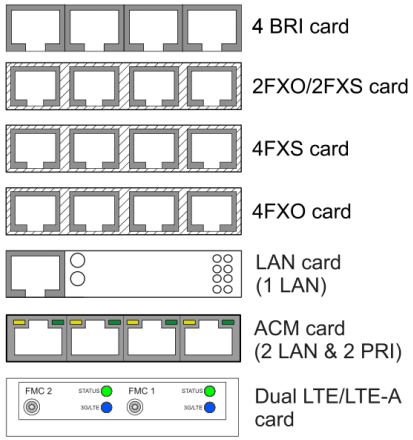


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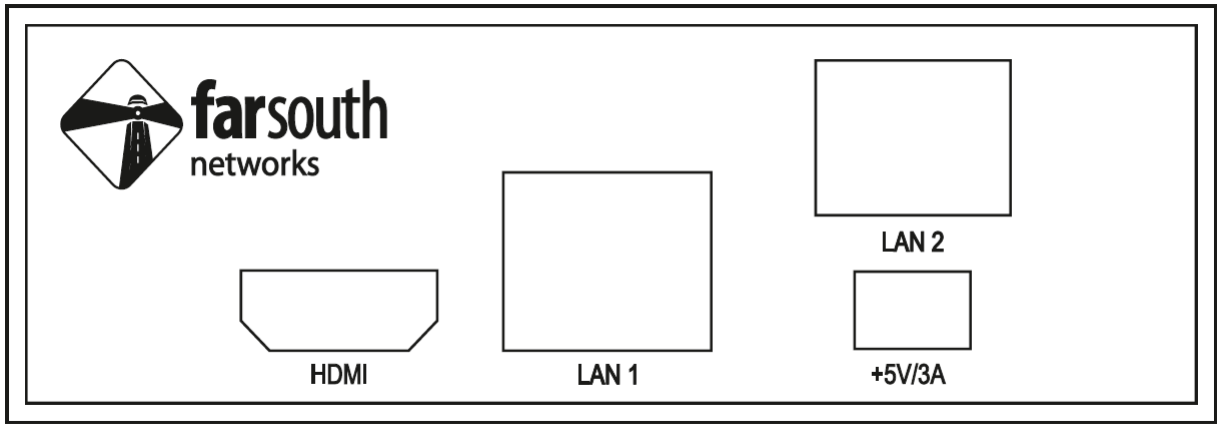
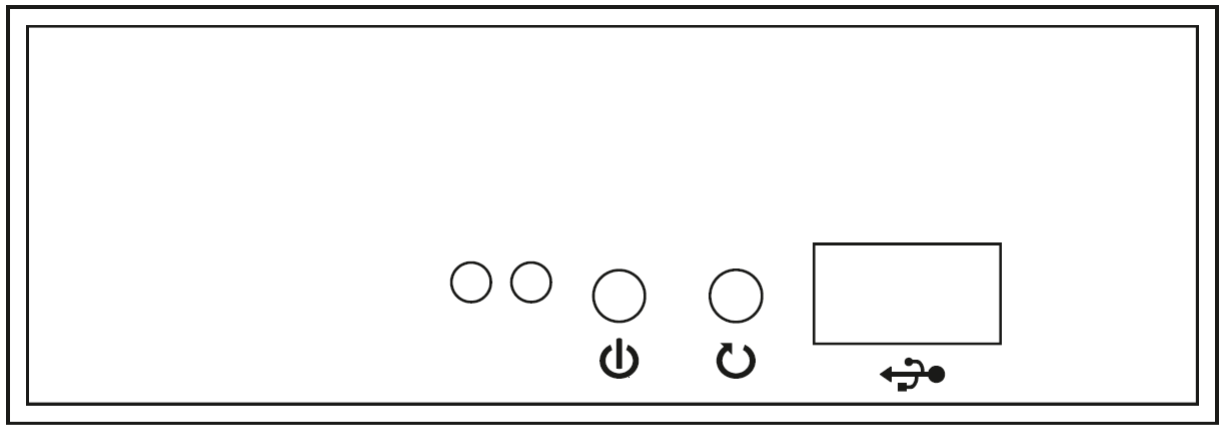
wanderbox micro pbx

# Wanderbox mechanicals

Front View




Rear View



LED-Charge | LED-Pwr | PWR ON/OFF | RESET | USB

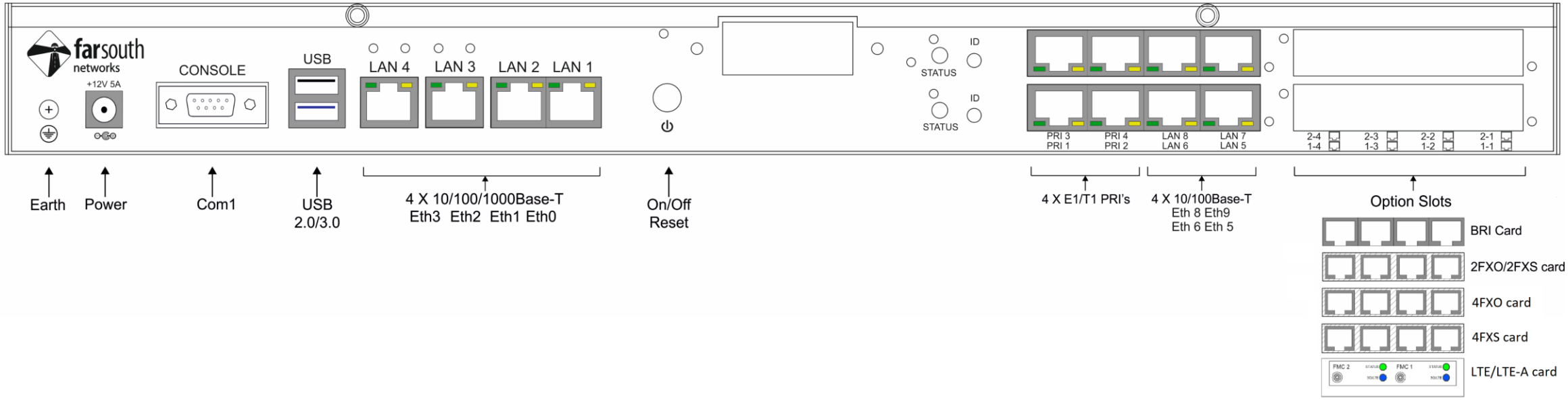
wanderbox
micro sbc

- 3CX Certified PBX
- 30 IP endpoints, 400 BLF subscriptions
- 1 Ethernet, 1 USB, 16GB storage
- 3CX SBC V18 (non-commercial license)

com.X10

# Com.X mechanicals

Rear View

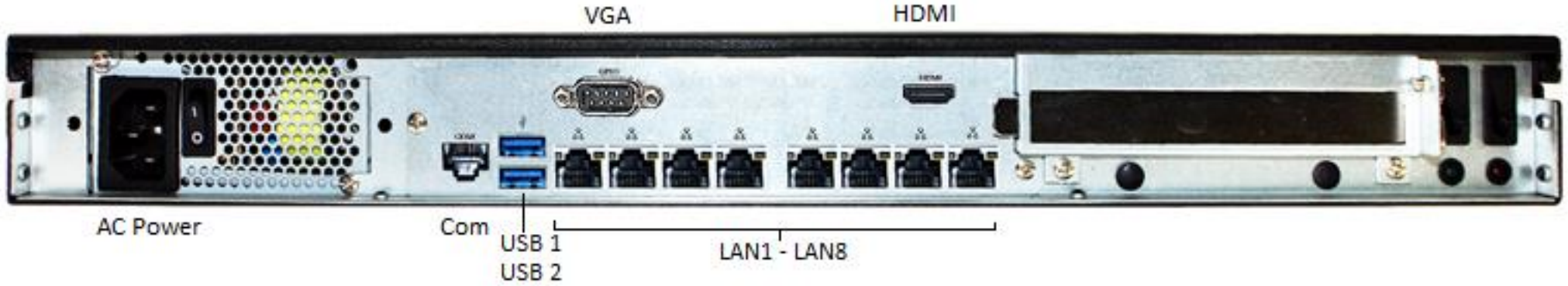


com.X20

# Com.X mechanicals

Front View

Rear View



Q & A

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