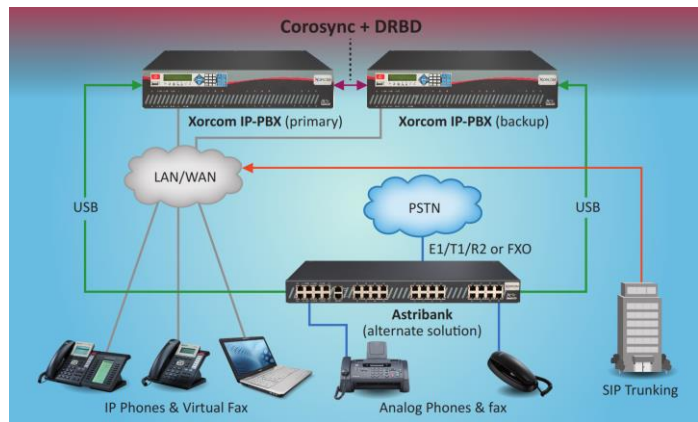


CTS2000 Enterprise-Grade CompletePBX TwinStar Plus Telephony System Data Sheet

Overview

The CTS2000 TwinStar Plus configuration is a bundled product, comprised of two module-less servers, based on the Xorcom CXE2000 series IP-PBX, that have been optimized for use as a failover system. Both servers are connected via Ethernet (and optionally, via USB 2.0 to an Astribank).

TwinStar Plus provides full redundancy for a complete PBX system, including telephony interfaces (if required). It can also be used in a pure SIP environment. A sophisticated automatic replication and detection mechanism detects server failure and switches all telephony to the backup server, keeping downtime to an absolute minimum.



CTS2000 - TwinStar Plus configuration featuring dual CXE2000 servers including optional Astribank.

Technical Specification (each server)

Features

- Unlimited extensions, voicemail boxes, hunt groups, call center groups, and auto attendants (IVRs)
- Basic built-in call center with call recording, barge and whisper
- Emergency notification module
- Endpoint manager
- User-friendly Web interface
- Interface in different languages
- CDR (Call Details Record)
- TDM/SIP/IAX trunks
- Remote extensions
- Voicemail
- Voicemail to email
- Web access to voicemail
- Fax support
- Fax to email
- IVR menu system
- Ring groups
- Call queues
- Conference rooms
- Find me / Follow me
- VmX Locator
- Time-based routing
- Advanced dialing rules
- Music-on-hold
- Paging and intercom
- Admin status screen
- Package manager (for easy updates)
- Network settings tool


Software

Software version	Xorcom's CompletePBX version 4.x (64-bit)
Linux version	CentOS 6.6
GUI	Based on FreePBX (base version: 2.11)
Security	Intrusion protection software; firewall protection. Optional CompleteSBC session border controller software can be installed on a stand-alone server and integrated into the TwinStar Plus configuration.
Rapid Tunneling™	Utility providing secure remote access for product support purposes

Hardware

Processor	Intel Atom D2500, Dual Core, 1.86GHz
RAM	2GB
Hard disk	From 320GB 2.5" (optional upgrade to 500GB)
RAID1	Dual hard drive for increased system reliability
Fan	3 redundant fans
USB	2 external USB 2.0

Power

Power supply	Internal
Voltage	Switching, auto adjust 100/240 Volts, 50/60 Hz
Power consumption	230 Watts (maximum)
Built in grounding connection	

Network

Ethernet port - standard	10/100/1000 Mb/s (x2). Note: One of these ports is required for connecting the two TwinStar Plus servers to each other.
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Maintenance and Support

- LCD (Liquid Crystal Display) touch panel, supporting:
 - ◆ Status of active systems, including:
 - All configured IP addresses
 - TwinStar Plus™ (dual-server redundancy)
 - Redundant Power Supply (when using the external RPS unit for Astribanks)
 - Blink ports (extensions, channels, XPD and SPAN)

- Active calls
- ◆ Maintenance issues, including:
 - Asterisk restart
 - DAHDI restart
 - Server reboot
 - Server power off
- ◆ Settings, including:
 - Enable/disable DHCP
 - Manual IP configuration
- Monitor and keyboard support
- Internal backup & restore utility
- External [Rapid Recovery™](#) backup utility (provided on disk-on-key)
- [Rapid Tunneling™](#) utility providing secure remote access for product support purposes
- Internet updates

Environment

Storage temperature	-20° to 70° Celsius (-4° -158° F)
Working temperature	0° to 40° Celsius (32° -104° F)
Humidity	20%-95%, non-condensing

Dimensions and Weight

Weight	4.7 Kg 10.3 Lbs
Size	19" 2U industry standard rack-mountable chassis
Dimensions	44 x 36.3 x 9 cm (17.3 x 14.3 x 3.5")

Specifications may change without prior notice.