



# What Does an Hour of PBX Down Time Mean for Your Business?

Did you ever consider the cost of a single hour of PBX downtime? What are the implications of employees not being able to do their jobs? What happens when customers are not able to reach a salesperson or support representative?

We at Xorcom understand that while the flexibility and features of open-source PBX systems have triggered substantial and ever-increasing worldwide acceptance, PBX reliability cannot be compromised. That's why Xorcom systems are designed to ensure maximum uptime by providing built-in failover and load balancing mechanisms, ruggedized components, monitoring capabilities with automated alerts, and a variety of utilities for increased reliability.

## The Only Commercially-Supported High-Availability PBX Based on Asterisk®

**Get all the benefits of open source, with the reliability of proprietary telephony systems!**

Reliability, the goal guiding the development of enterprise-class Xorcom IP-PBX models, is the result of the following unique combination of features:

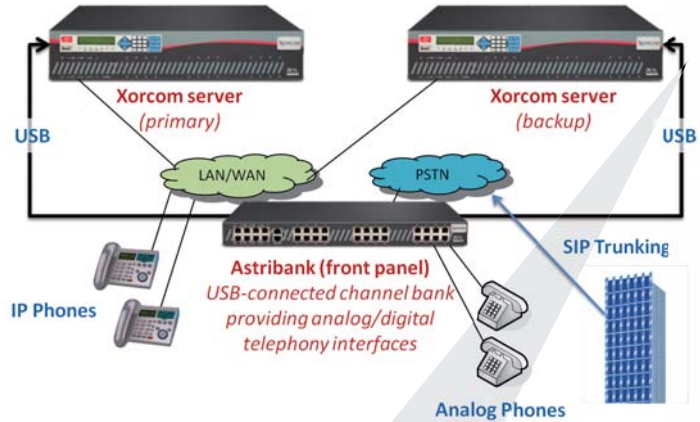
- TwinStar™ complete and automatic failover for:
  - IP telephones
  - FXS circuits: analog telephones and analog devices, such as fax machines
  - FXO circuits: standard analog phone lines
  - Digital trunks: E1/T1 PRI, E1 R2, T1 CAS, BRI ISDN
  - SIP trunks
  - Digital (ISDN) phones
- Fully automated system/database synchronization
- Analog lines failover option
- Redundant power supply for telephony interfaces
- Enhanced hard disk drive (HDD) availability based on RAID1
- Integrated PBX backup and restore utility
- Email notification about system status





## Complete and Automatic Failover for IP-PBX

TwinStar™ is an award-winning high availability solution providing automatic detection of PBX failure and immediate switching of all telephony functions, including traditional and IP-based telephony, to a back-up server within seconds. The singular architecture of the USB 2.0-connected Astribank channel bank, which houses the TwinStar intelligence, enables this unique capability for Asterisk-based systems.



## Integrated Touch Panel for Easy Maintenance



The multi-function Liquid Crystal Display (LCD) panel on each XE series IP-PBX model allows the system administrator to perform several of the most common functions directly on the front panel of the PBX, without having to attach a keyboard and monitor. The touch panel uses a text-based menu tree to facilitate monitoring, maintenance and troubleshooting of the entire telephony system.

## PBX Backup and Recovery Made Simple

Rapid Recovery™ enables simple, safe and speedy recovery of all Xorcom's IP-PBX solutions. In just a few minutes, this utility can restore and recover the Xorcom IP-PBX, including its configuration files and voice prompts, if desired.



## Redundant Power Supply for Maximum System Protection



The Xorcom multiple power supply device provides redundant power for up to 16 Astribanks via four separate internal power units in a microcomputer-based control system. In the event that one of the power units malfunctions, an alert is dispatched to the system administrator (via e-mail or automated pre-recorded phone message) so that maintenance can be scheduled. In the meantime, all of the Astribanks continue to function seamlessly, since the remaining power units regroup to provide the requisite power. The unit also supports up to eight 4-port USB 2.0 hubs.

## Analog Lines Failover Kit

In case of power outage or an Asterisk malfunction, up to six analog PSTN lines (FXO) are routed directly to predetermined analog extensions (FXS).

## Secure Remote Access

Rapid Tunneling™ provides secure remote access to the IP-PBX for purposes of troubleshooting, diagnostics, and even correct of configuration issues in real time. The support process is streamlined with minimal resource investment; there is no need to ship systems, wait for log files, and attempt to understand issues from phone conversations – gaining all the advantages of an on-site service call without incurring any of the expense.



**Xorcom Headquarters**  
 Misgav Industrial Park  
 20174 Israel  
 Tel: +972 (0)4 995-1999  
 Fax: +972 (0)4 999-0287  
 E-mail: info@xorcom.com  
 Web: www.xorcom.com

**Xorcom USA**  
 145 S. Jefferson Ave., Suite G  
 Cookeville, TN 38501  
 Tel: 1-866-967-2661  
 Fax: (931) 854-9114  
 E-mail: info.usa@xorcom.com  
 Web: www.xorcom.com

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