

End **Email** Downtime.

(even when Mother Nature pays a visit)



ON AVAILABLE ACCESSIBLE
WAYS™

TENEROS™

INTRODUCING THE ISERIES TENEROS APPLICATION CONTINUITY APPLIANCE™ FOR MICROSOFT® EXCHANGE

THE NEW ISERIES FROM TENEROS PROVIDES COMPLETE EMAIL APPLICATION AND DATA CONTINUITY PLUS “I”NTEGRATION WITH THE POPULAR PRODUCTS RUNNING IN MICROSOFT EXCHANGE ENVIRONMENTS.

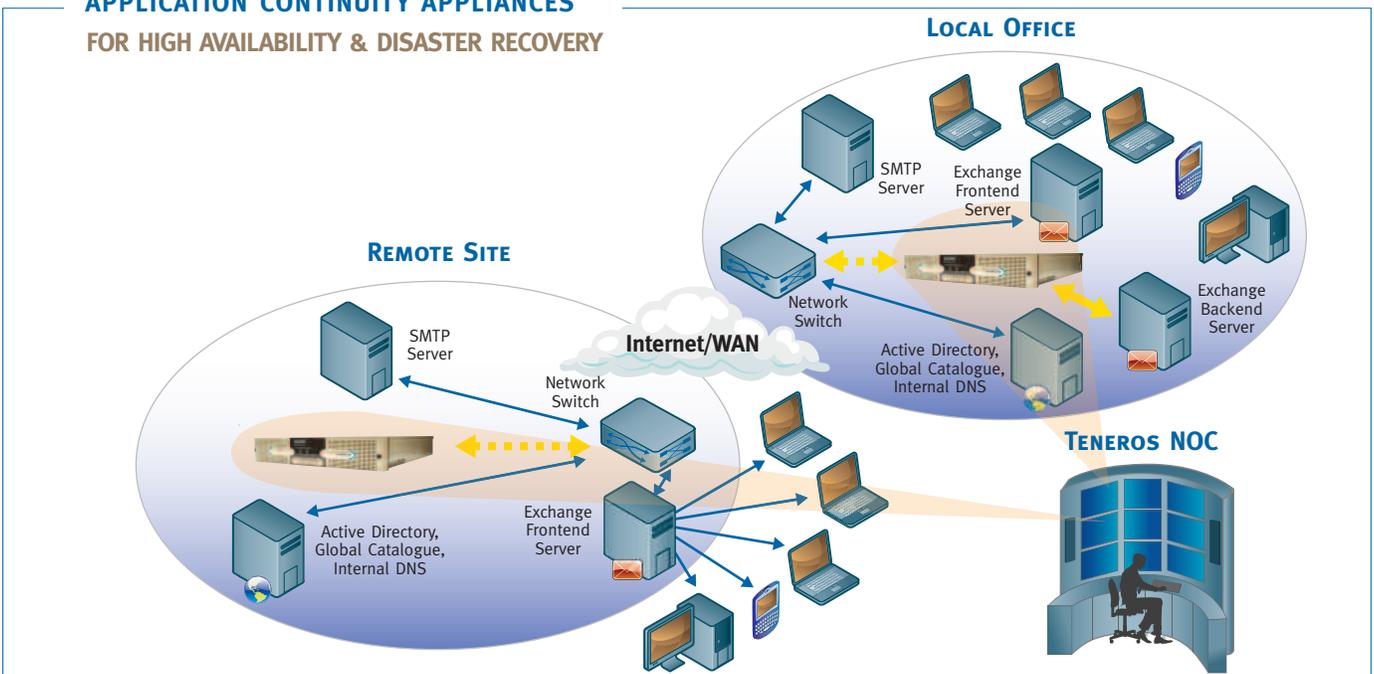
The Teneros Application Continuity Appliances, for high availability and disaster recovery of Microsoft Exchange, enable companies to deploy comprehensive, cost-effective email continuity by protecting mission critical Microsoft Exchange servers. Teneros appliances assure 24x7 end-user email continuity for both the Exchange application and the valuable corporate email data, in the event of planned or unplanned, server or site outages.

When an Exchange server fails or an entire Exchange site goes off-line, Teneros appliances will take over email operation from the downed Exchange server or site. All email data, from before and during the outage, is preserved on the Teneros appliance and can be replicated back to the updated, repaired, or replaced Exchange sever while end-users continue to have full email functionality and data access.

Using Teneros Exchange Differential Replication™ technology, both High Availability and Disaster Recovery appliance models support partial as well a full mail store replication back to the Exchange server, allowing simple protection against common-place site level outages such as power or network failures. Teneros Appliances also transparently handle “split brain” events from site outages by automatically reconciling the divergent Exchange mail stores without any data loss.

All Teneros Application Continuity Appliances maintain an ongoing backup of the protected Exchange server mail store and prevent replication of Exchange database corruption via Teneros’ Transaction Integrity Validation™ technology. Because the Exchange mail store, within the Teneros appliances, is always operational and data replication and automatic verification are continuous, you are protected from discovering mail store corruption at the time of a disaster. This important protection is not available from products which rely on sequential byte level replication or log replay technology. The Teneros appliances can be deployed on your LAN for high availability protection, or in a remote site for disaster recovery protection, of your Exchange server, assuring application continuity and data integrity for your mission critical email communications.

APPLICATION CONTINUITY APPLIANCES™ FOR HIGH AVAILABILITY & DISASTER RECOVERY



ALWAYS-ON, AVAILABLE, ACCESSIBLE MISSION CRITICAL APPLICATIONS.

THE TENEROS I SERIES

- Ⓞ Protects against Exchange outages due to regular planned maintenance and unplanned Exchange server downtime caused by: human error; hardware or software failure; Exchange service, component, or application failure; malicious activity; viruses; power failures; and disasters resulting from human or natural causes.
- Ⓞ Provides non-intrusive continuity without software agents installed on the Exchange server, clients, or network infrastructure including Active Directory.
- Ⓞ Plug-&Go™ installation and no ongoing, in-house IT burden.
- Ⓞ Prevents email database corruption via Teneros' Integrity Validation™ technology and Sophos antivirus software.
- Ⓞ Offers Instant-On™ LAN or IT controlled WAN failover and fallback.
- Ⓞ Automatically reconciles "split brain" database divergence, between your Exchange server and a remote-site Teneros appliance, resulting from site level events such as internet or power outages.
- Ⓞ Gives resiliency via multiple independent hardware and software control systems to monitor and self-heal a Teneros appliance in the event of failure.
- Ⓞ Delivers redundancy and fault-tolerance, including dual CPUs, hot swappable power supplies, hot swappable hard disks, and hardware RAID.
- Ⓞ Serves Outlook 2007, Outlook 2003, Outlook 2002/XP, and Outlook Web Access clients.
- Ⓞ Supports Exchange 2003 (SP1 or SP2).



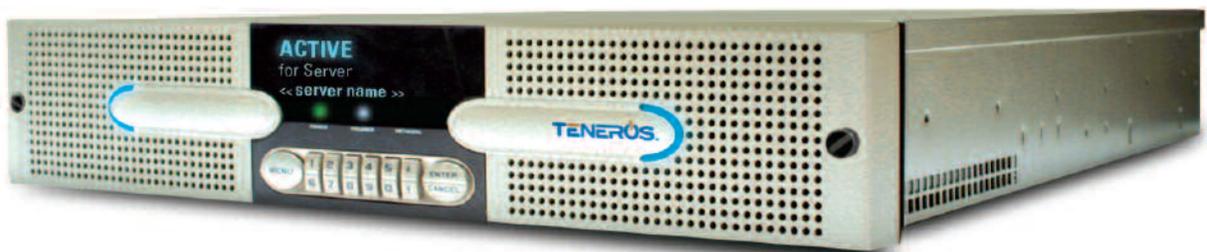
- Ⓞ Protects a single Exchange server.
- Ⓞ Provides full support for network link aggregation via IEEE 802.3ad.
- Ⓞ Has built-in virus protection based on the award-winning Sophos™ anti-virus technology.
- Ⓞ Yields a Low Total Cost of Ownership, a simple appliance purchase and low annual remote monitoring/maintenance/update.

“TENEROS HAS SOLVED ONE OF THE TOUGHEST IT PROBLEMS – EMAIL CONTINUITY.”
 DAN ILIFF, DIRECTOR OF PROFESSIONAL SERVICES
 INTERVISION, INC., TECHNOLOGY SOLUTION ARCHITECTS

“WITH THE TENEROS APPLIANCE, WE NO LONGER HAVE EMAIL OUTAGES.”
 ERIC ROSENBERG, DIRECTOR OF IT,
 GUNDERSON DETTMER, LAW FIRM

“...ANYONE WHO IS NOT USING THE TENEROS SOLUTION IS MISSING THE BOAT.”
 CURRAN BROOKS, CHIEF TECHNOLOGY OFFICER,
 NEA, FINANCIAL SERVICES FIRM

“TENEROS PROVIDES THE ULTIMATE EMAIL CONTINUITY SOLUTION – ASSURING EMAIL DATA INTEGRITY WITH A SIMPLE, REMOTELY MANAGED APPLIANCE.”
 DAVID WALKER, IS MANAGER,
 EMS/SATCOM, WIRELESS, SATELLITE,
 & DEFENSE SOLUTION PROVIDER



“TENEROS PROVIDES TRANSPARENT END-USER EMAIL CONTINUITY WITHOUT EXPANDING THE WIDTH OF YOUR IT DEPARTMENT. WHAT TENEROS HAS DONE SOUNDED LIKE VOODOO TO ME WHEN I FIRST HEARD OF IT. TENEROS’ PRODUCT IS BRILLIANT.”

WILLIE CUMMINGS, DIRECTOR OF INFORMATION TECHNOLOGY, STROME GROUP, FINANCIAL SERVICES FIRM

Teneros Application Continuity Appliance iSeries

The new iSeries provides complete email application and data continuity in local high availability and remote disaster recovery models, offering “i”ntegration with the popular applications running in Microsoft Exchange environments including Blackberry, Goodlink, Microsoft Mobile, Cisco Unity, KVS, Iron Mountain, and other archiving systems using Microsoft Exchange Journaling.

ACA iSERIES

- **ACA 2500i** – Supports up to 250 users and a 100 GB mail store.
- **ACA 5000i** – Supports up to 500 users and a 300 GB mail store.
- **ACA 7500i** – Supports up to 750 users and a 500 GB mail store.
- **ACA 10000i** – Supports up to 1000 users and a 400 GB mail store (high performance I/O).

Always-On IT™ & Always-Available Hardware™

24x7 Remote IT Management performed by Teneros world-class Network Operations Center (NOC) assures Teneros appliances are Always-On and protecting email operation and valuable email data. Always-On IT is essential to providing Teneros Continuity Appliances with the most current software updates and latest anti-virus protection. With Always-On IT, Teneros monitors and maintains the software on all Teneros appliances so there is zero IT impact to your organization.

Teneros Always-Available Hardware assures that both the redundant components and the full appliance hardware are always operational. This option provides “push” hardware, 24 hour replacement of disk drives, power supplies, or the full appliance in the event of failure. The Teneros Network Operations Center notifies the appliance administrator and sends the replacement hardware for delivery within 24 hours.

“WHEN THE PRIMARY EXCHANGE SERVER SHUT DOWN...USERS HAD ACCESS TO THEIR MAILBOXES AGAIN IN LESS THAN ONE MINUTE.”

INFOWORLD TEST LAB 2006

“THE TENEROS APPLIANCE ENSURES CONTINUOUS, 24/7 EXCHANGE OPERATION FOR END-USERS.”

COMPUTER TECHNOLOGY REVIEW

“THE TENEROS APPLIANCE PREVENTS END-USER DOWNTIME FOR ENTERPRISES THAT RELY ON EXCHANGE AS THEIR LIFELINE.”

COMPUTER RESELLER NEWS

“TENEROS’ APPLIANCE ADDRESSES A SIGNIFICANT MARKET NEED WITH A SIMPLE, ELEGANT SOLUTION.”

FERRIS RESEARCH