Compunetix ConferenceContinuity™

KEY BENEFITS

- **Integrated Data Protection**
  Prevent data corruption and loss by creating shadow copies of applicable data

- **Built-In WAN Acceleration**
  Built-in data compression and de-duplication reduces WAN replication traffic and network bandwidth requirements by up to 80%

- **Disaster Recovery**
  Complete protection of critical business services against application, server, network, storage, or site failures

- **Quality & Reliability**
  High quality and reliable audio connection enhances critical response efforts

Comprehensive Protection

Providing high availability and disaster recovery in an easily managed deployment

ConferenceContinuity provides total protection for ConferenceManager™ and ensures 24/7 availability by proactively detecting failure signatures and switching to a hot standby server before failure causes user downtime. With its built-in replication, WAN optimization, continuous availability, disaster recovery and data protection capabilities, the ConferenceContinuity Engine provides the most comprehensive protection.

Built-In Replication

Built-in replication eliminates data loss by delivering real-time replication of all data across the servers in the ConferenceContinuity Engine Cluster.
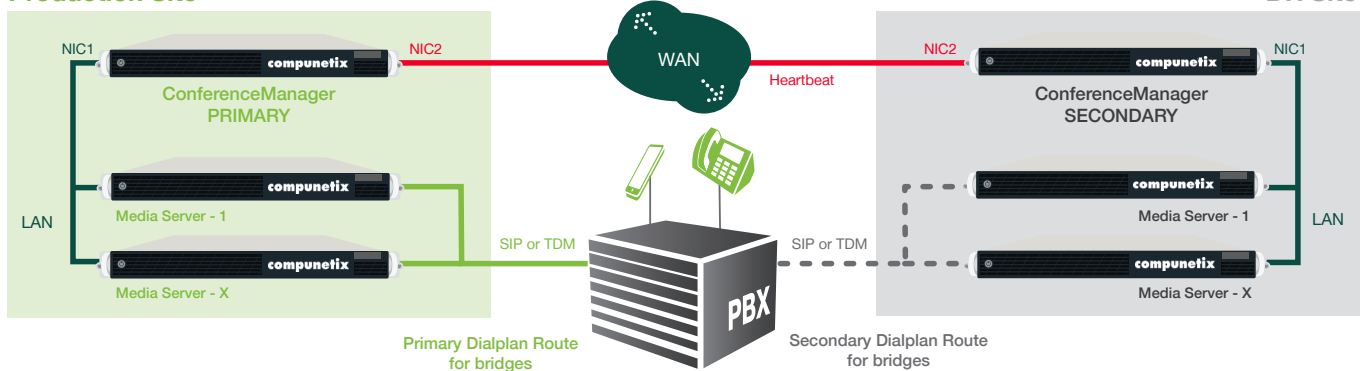
Proactive Application Health Monitoring

Application failures are prevented by detecting patterns of degradation before a failure can occur. If such patterns are detected, automated remediation mechanisms are triggered to maintain application continuity.

www.compunetix.com

ConferenceContinuity Deployment Configuration

The ConferenceContinuity Engine provides comprehensive protection against single points of failure to ensure that applications are continually running and operational for serving critical business services.

Production Site

DR Site

NIC1 — ConferenceManager PRIMARY — NIC2

WAN

Heartbeat

NIC2 — ConferenceManager SECONDARY — NIC1

LAN

Media Server - 1

Media Server - X

SIP or TDM

PBX

SIP or TDM

Media Server - 1

Media Server - X

LAN

Primary Dialplan Route for bridges

Secondary Dialplan Route for bridges

Scope of Protection

Server Protection

The ConferenceContinuity Engine provides application continuity in the event of a hardware failure or an operating system crash. During a failover action, the Passive server is enabled to immediately take on the role of the Active server.

Application Protection

The ConferenceContinuity Engine continually monitors protected applications and associated services running on the Active server. If any protected application shows signatures of impending failure or suddenly fails, the ConferenceContinuity Engine attempts to restart the application(s) before initiating switchover.

Network Protection

The ConferenceContinuity Engine proactively monitors the ability of the Active server to communicate with the rest of the network by polling up to three defined nodes around the network, at regular intervals.

Performance Protection

With the patented Application Management Framework (AMF), the ConferenceContinuity Engine proactively monitors system performance. This modular framework is extensible to any Windows-based application, providing comprehensive application protection.

Data Protection

The ConferenceContinuity Engine ensures availability of application data and file system data across all nodes within the cluster. It can be configured to protect files, folders, and even specific registry settings of the Active server by mirroring them in real-time to the Passive servers.

Site Protection

The ConferenceContinuity Engine provides application and business services availability even in the event of site-wide outages. By deploying the secondary or tertiary server at a remote data center site, the ConferenceContinuity Engine enables push-button disaster recovery capabilities.

compunetix
the technology of cooperation