The Ultimate Application & Data Recovery Solution

EXPRESSCLUSTER®

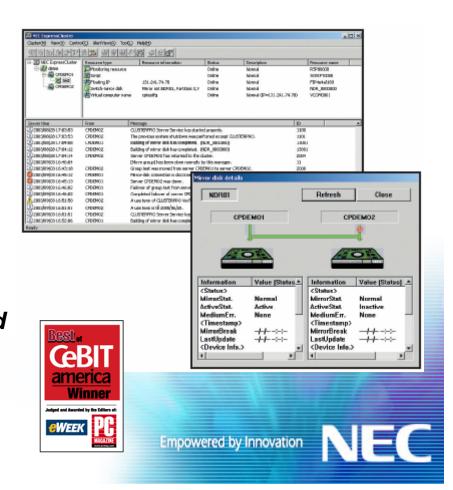
The Ultimate Application And Data Recovery Solution



ExpressCluster

Integrated Application And Data Availability Solution

- Near-Instant Recovery of Business Critical Applications and Data without Loss over LAN and WAN
- Over 8,000 Licenses Worldwide
- Volume Platform Support
 - 32-bit (IA32) & 64-bit (Itanium)
 - Windows, Linux & VMware
- Award Winning Technology "Best of CeBIT America 2004" Award Disaster Recovery Fault Tolerant Solution

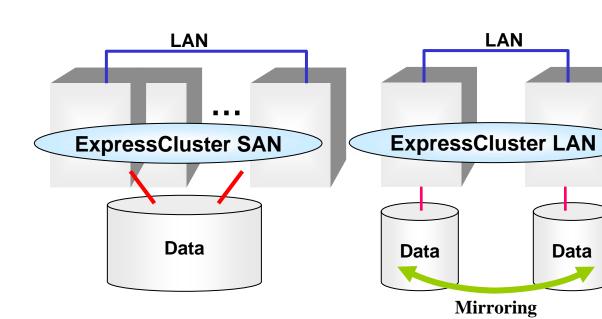


ExpressCluster Product Line

ExpressCluster SAN

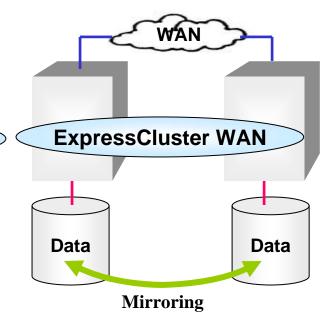
ExpressCluster LAN

ExpressCluster WAN



- LAN Shared-Disk Cluster
 - Data on shared storage
 - JBOD/SAN/NAS
 - Large cluster support

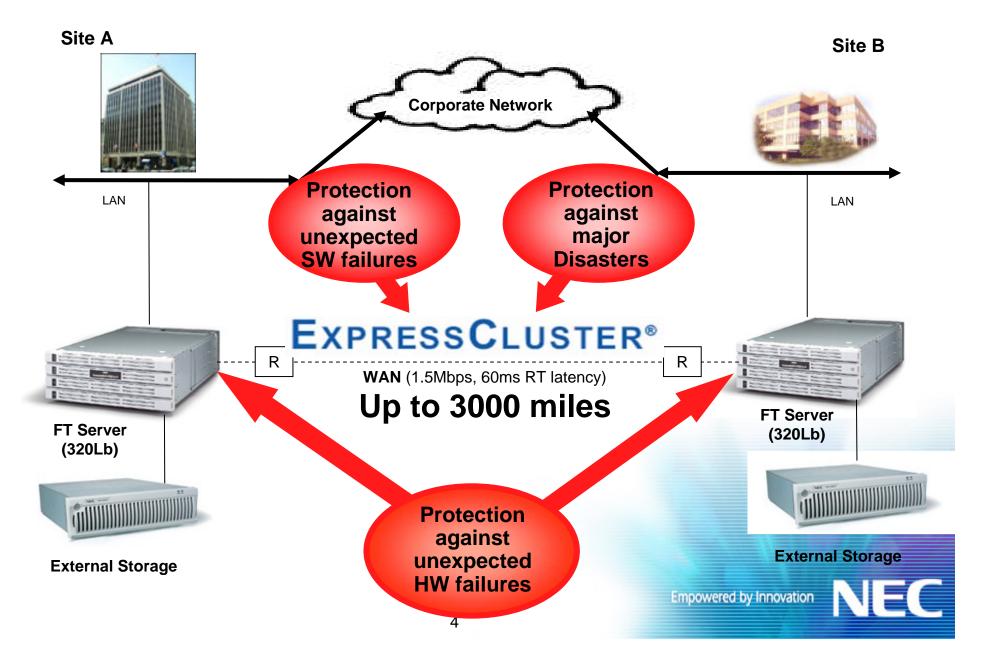
- LAN Mirrored-Disk Cluster
 - No shared disk data
 - RAID1 via LAN
 - Low cost



- WAN Mirrored-Disk Cluster
 - Disaster Recovery
 - Tx Data Integrity
 - Low bandwidth and long distance WAN support

SUPPORT Empowered by Innovation

Geographic Disaster Recovery Solution



Silver Bullets

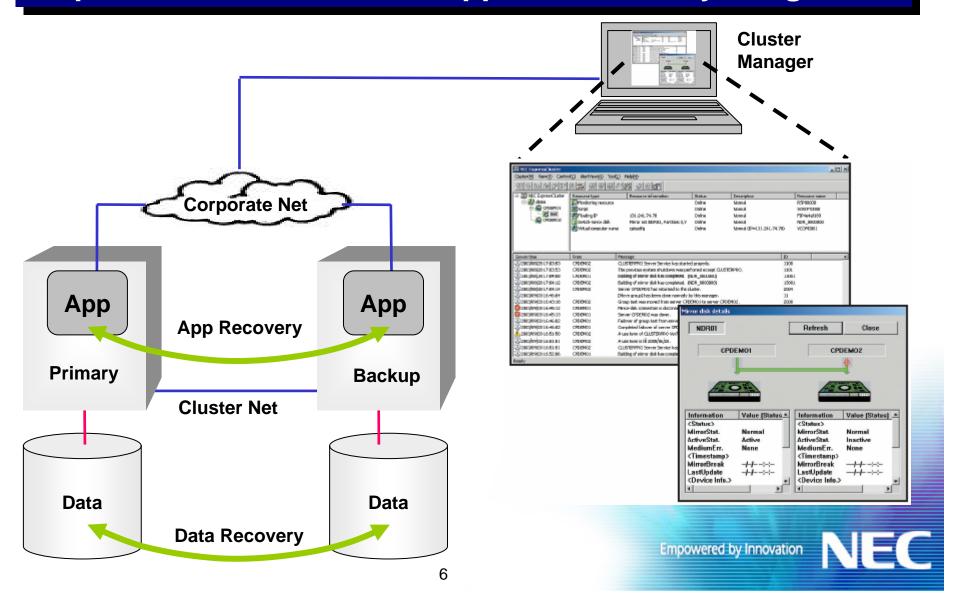
- Minutes for Disaster Recovery
- Integrated application failover and data mirroring
- Guaranteed transaction data integrity
- Greater geographical distance support
- 499.999% hardware availability





Integrated Application and Data Recovery

ExpressCluster eliminates app/data recovery integration



NEC Fault Tolerant Architecture

Disaster Recovery Solution

- Detect system failures in event of disaster
- Automatic system failover
- Synchronous data mirroring over WAN

ExpressCluster

- Detect unexpected software process terminations
- Automatic restart/failover
- *Rolling upgrade* for planned maintenance

FT server & Storage Disk Array

- Detect hardware component failures
- Automatic component failover
- 99.999% availability

Disaster Tolerant

Software Failure Tolerant

Hardware Failure Tolerant





