



Data Solutions for the Enterprise

~~Jim McFadden~~
~~Business Development~~
~~Director NTI Global~~

David Ross
Sales & Marketing NTI
Europe



I missed LUNCH!

WHO

WHAT

HOW

WHY



WHO

- 25+ Year Old Privately Held Company
- Development and Support Offices in USA and Ireland
- More than 150 Customers in 30 Countries
- First to market with Disaster Recovery Data Protection for the NonStop
- Offering the lowest Total Cost of Ownership for NonStop Replication



WHAT

**We are a NonStop Disaster Avoidance
and NonStop data replication specialist**

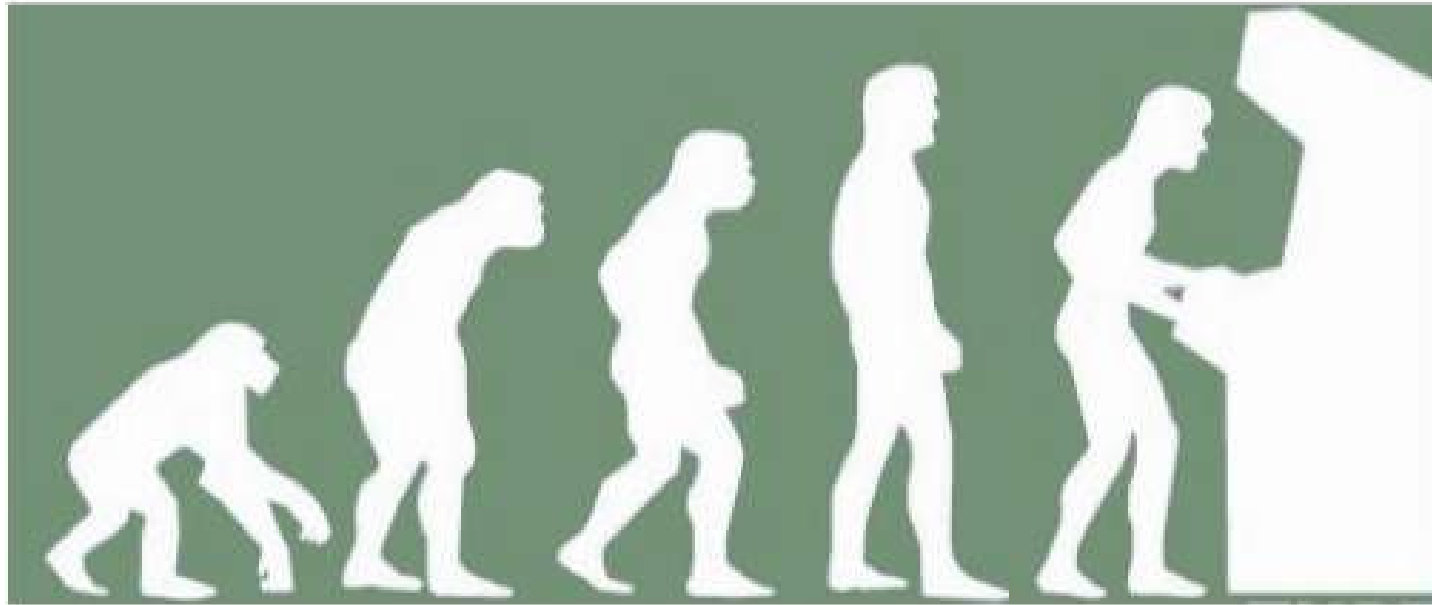
A Total Cost of Ownership Promise

- We offer the LOWEST TCO available on NonStop
- Purchase once and own it forever



HOW!!!

The Evolution of Disaster Avoidance



1985 NTI introduced the very first NonStop DR solution

1990 NTI introduced the very first NonStop Active/Active
DR solution

2005 NTI introduced OPEN data replication

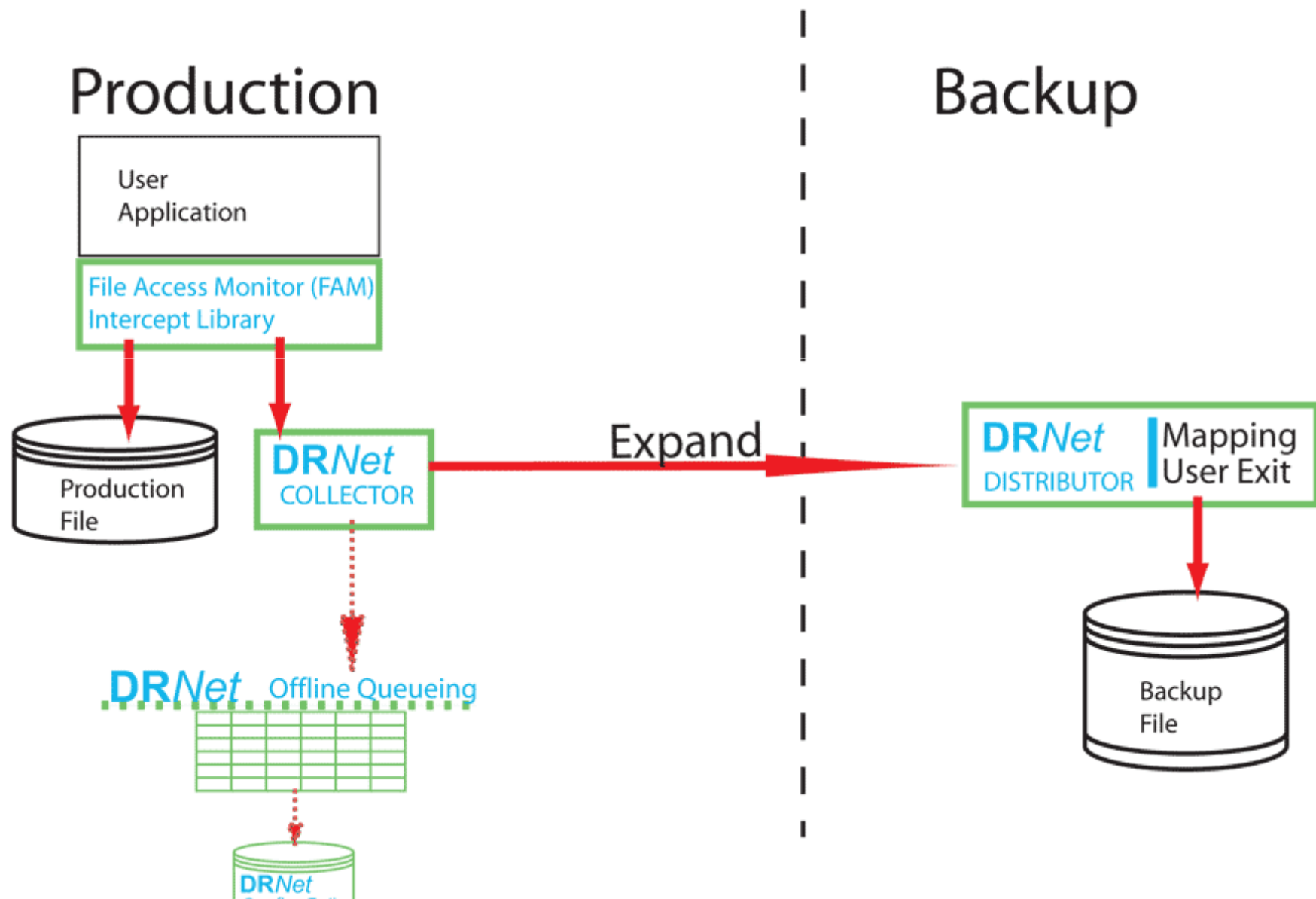


DR*Net*

Product Suite

- ☐ Hot Site Backup with Recovery
- ☐ Active/Active
- ☐ OPEN Platform Support
- ☐ Filesync

Unaudited Enscribe using Expand connectivity



TMF Replication using Expand connectivity

Production

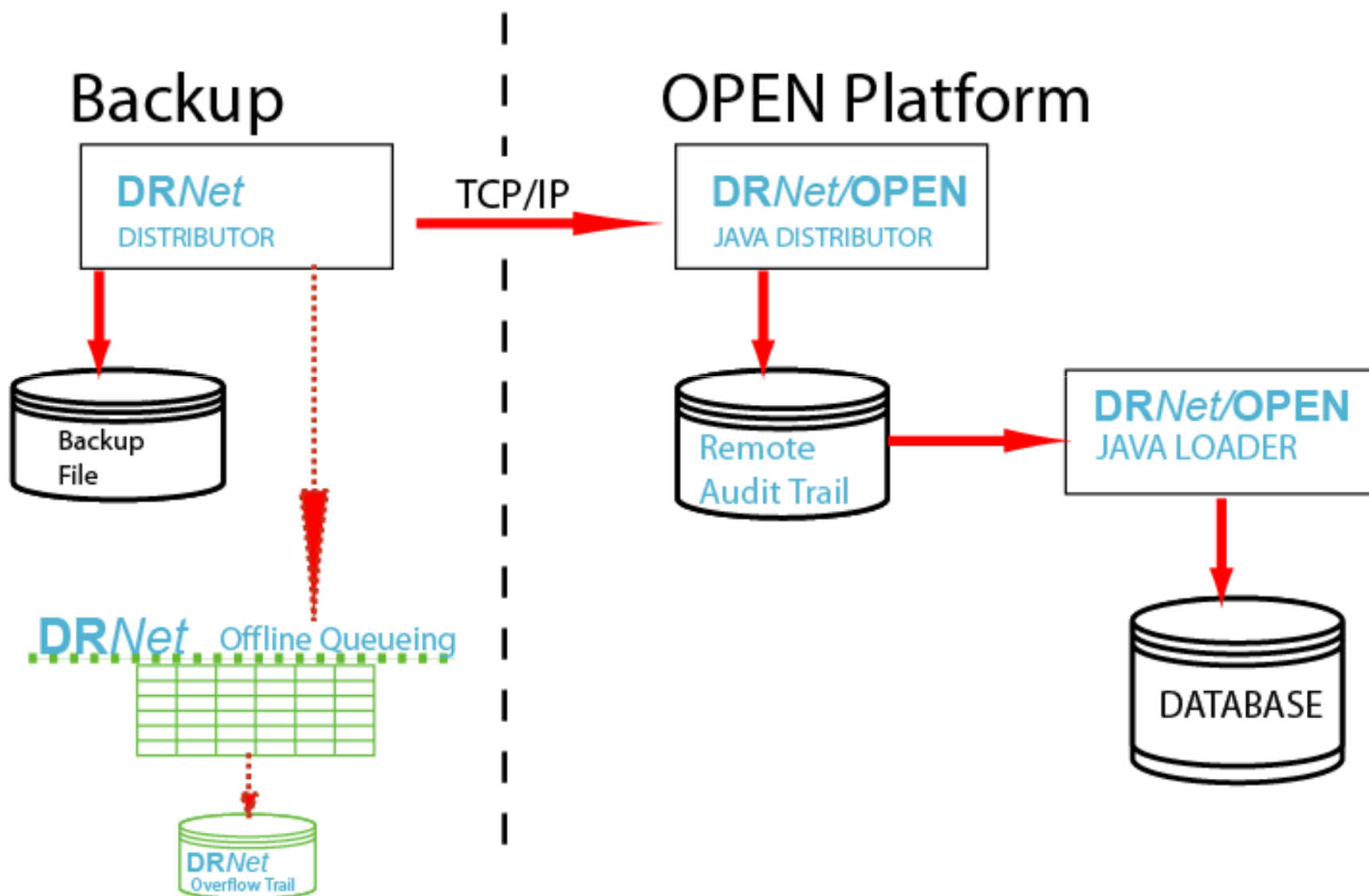


Backup



- 1 - TMF records changes into the Audit Log
- 2 - TMF Exporter reads the Audit Log and builds replication instructions
- 3 - TMF Exporter sends replication instructions over to the Distributor

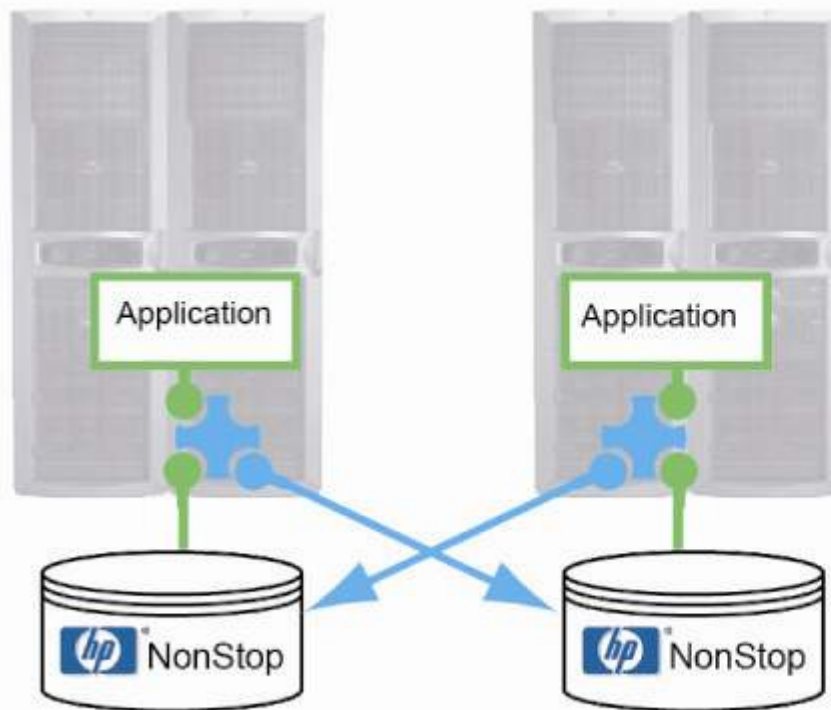
OPEN Data Distribution



WHY

Application Survival Plan

Must have another NonStop platform that is capable of processing critical transactions

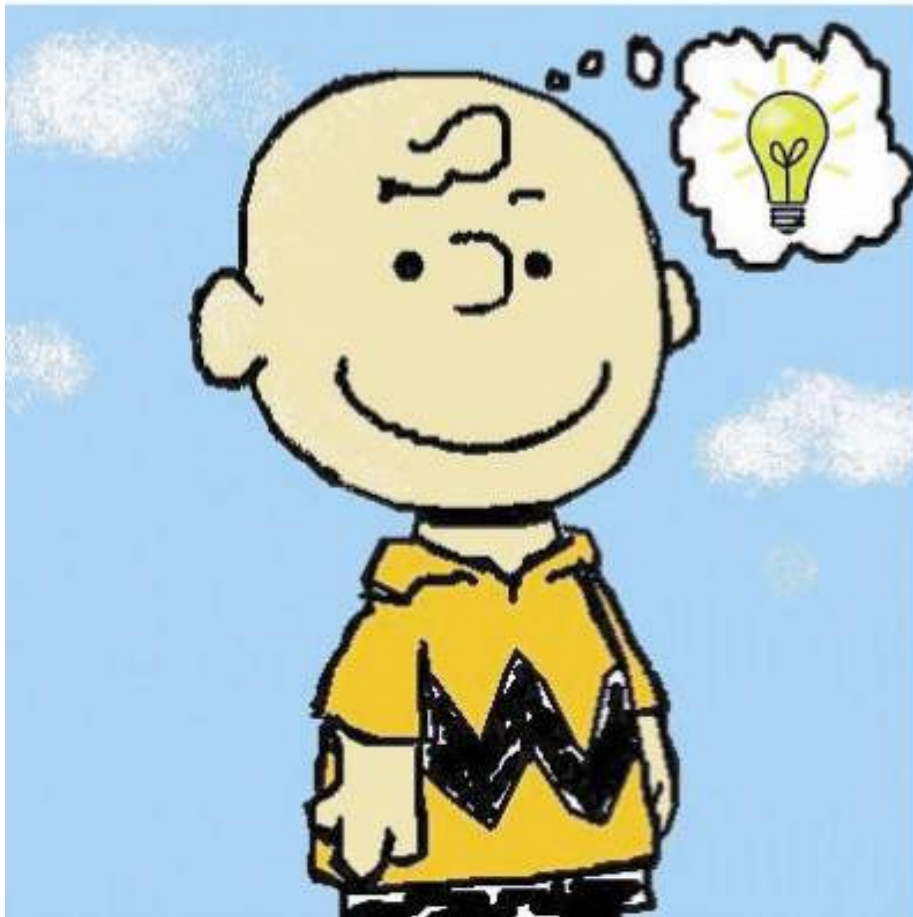


Application must be available and ready to go when triggered

Data must be absolutely accurate on Primary and Backup platforms at all times

Switchover must be automated and instantaneous

A properly implemented Disaster Recovery solution
also gives you



Zero Downtime
Application Upgrade
Solution

Zero Downtime
Platform Upgrade
Solution

YES..... Zero Downtime Upgrades are Possible



Run the application on the test platform using live data. Make sure you are ready.

Load the application on the new Backup platform

Replicate all data to the new Backup platform

Fail over to the new Backup platform

Verify the results

Upgrade the Primary platform

Resync the new Primary platform from the new Backup platform

Shift business traffic back to the new Primary platform

Key Ingredients for any Zero Downtime Solution



Backup NonStop
Platform



Data Replication Software



Switchable
Network Connections



Blueprint for
Rollover & Recovery



Can it be really be done!

Yes, recently with NTI DR software:

- Lloyds upgraded hardware with zero outage
- WoolWorths Australia upgraded OS versions with zero outage
- eFunds upgrades hardware and software with zero outage



Long Term Benefits of Established DR Procedures

Zero Fuss Application Recovery

ANYTIME Application Upgrade Capabilities

ANYTIME Platform Upgrade Capabilities

Increased Customer Satisfaction

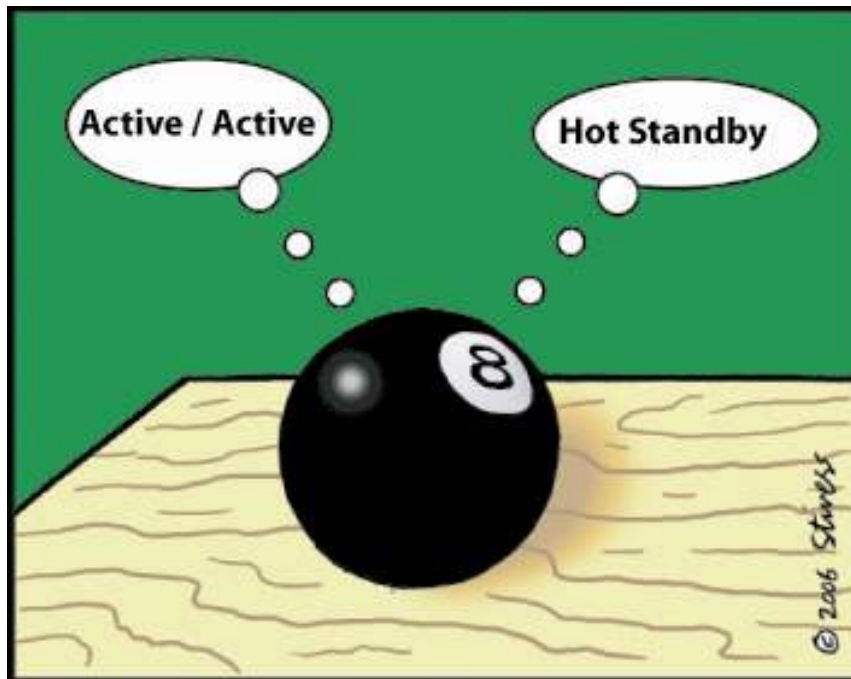


**Your DR plan
is useless
unless you test it**

Verify the the Applications will run properly

Verify that the communications network can handle
the switchover

Verify that the data is available and accurate



Demystifying Active/Active technology

Single direction (Hot Standby Backup) can be implemented with no special knowledge of the application

Active/Active requires a deeper understanding of the transactions and their associated data changes

Both approaches can be used for Zero Downtime Migrations

No Vendor has an “automagic” solution for Active/Active

A Gift from NTI



Operating system	Genuine Windows XP Home with Service Pack 3 edit
Processor	Intel(R) Atom(TM) Processor N270 (1.60GHz)
Memory	1GB DDR2 System Memory (1 Dimm)
Hard drive	16GB (Solid State Drive Flash Module)
Graphics card	Intel(R) Graphics Media Accelerator 950
Display	10.1" diagonal SD LED BrightView Infinity Widescreen Display (1024 x 576)
Personalization	HP Mini Webcam with HP Imprint Finish (Swirl) - For 10.1" Display
Networking	Wireless-G Card with Bluetooth
Keyboard	HP Color Matching Keyboard
Primary battery	6 Cell Lithium Polymer Battery

Ordered online and shipped to you at home



Data Solutions for the Enterprise

Data Protection . Real-Time Access . Business Intelligence