



Confidence in a connected world.



E-Discovery and Email Management with Symantec Enterprise Vault 8.0

Vladmir Shafiro

Enterprise Messaging Management Specialist

Unstructured content is growing exponentially

- Storage budgets rising 7% vs. IT budgets rising only 2%
- Email is the #1 driver of storage growth



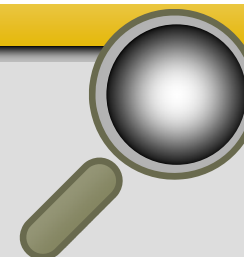
Application scaling and performance is critical

- Users send/receive an average 17MB per day
- Available window for backups are shrinking



Managing and finding information is difficult

- 90% of all corporate information created today is digital
- End users spend ~60 minutes per week managing email

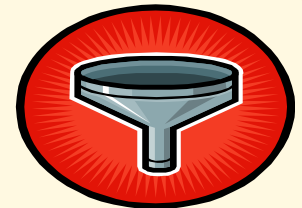


Where's the Cost in E-Discovery?



- Collection
 - \$1,500/PC
 - \$1,000/GB network files,
 - \$1,000/GB index & search
- Collecting from a single custodian over 2 years
 - Email (2 GB) \$3,000+
 - PC \$1,500+
 - Network Files (10 GB) \$10,000 = ~\$15,000+
- Processing/culling (de-duplication, password cracking)
 - \$1,000/GB
- Review

Archiving can reduce the volume of ESI subject to preservation and review



Challenge #1: Scaling is a Dilemma



Challenge

Users Get a Lot of Email

Don't Implement Email Quotas

Mailboxes Get Bigger and Bigger

Exchange Performance Suffers

Storage Costs Grow

Backup/Restore Windows Grow

Missed SLAs or Costly Snapshots

Implement Email Quotas

Users Hit Their Email Quotas

Users Create PST Files

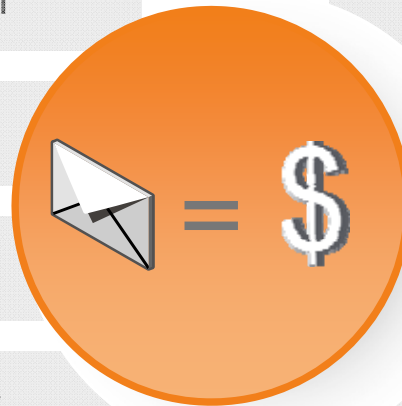
Store PSTs
on Laptop

Risk Of Loss
Legal Search

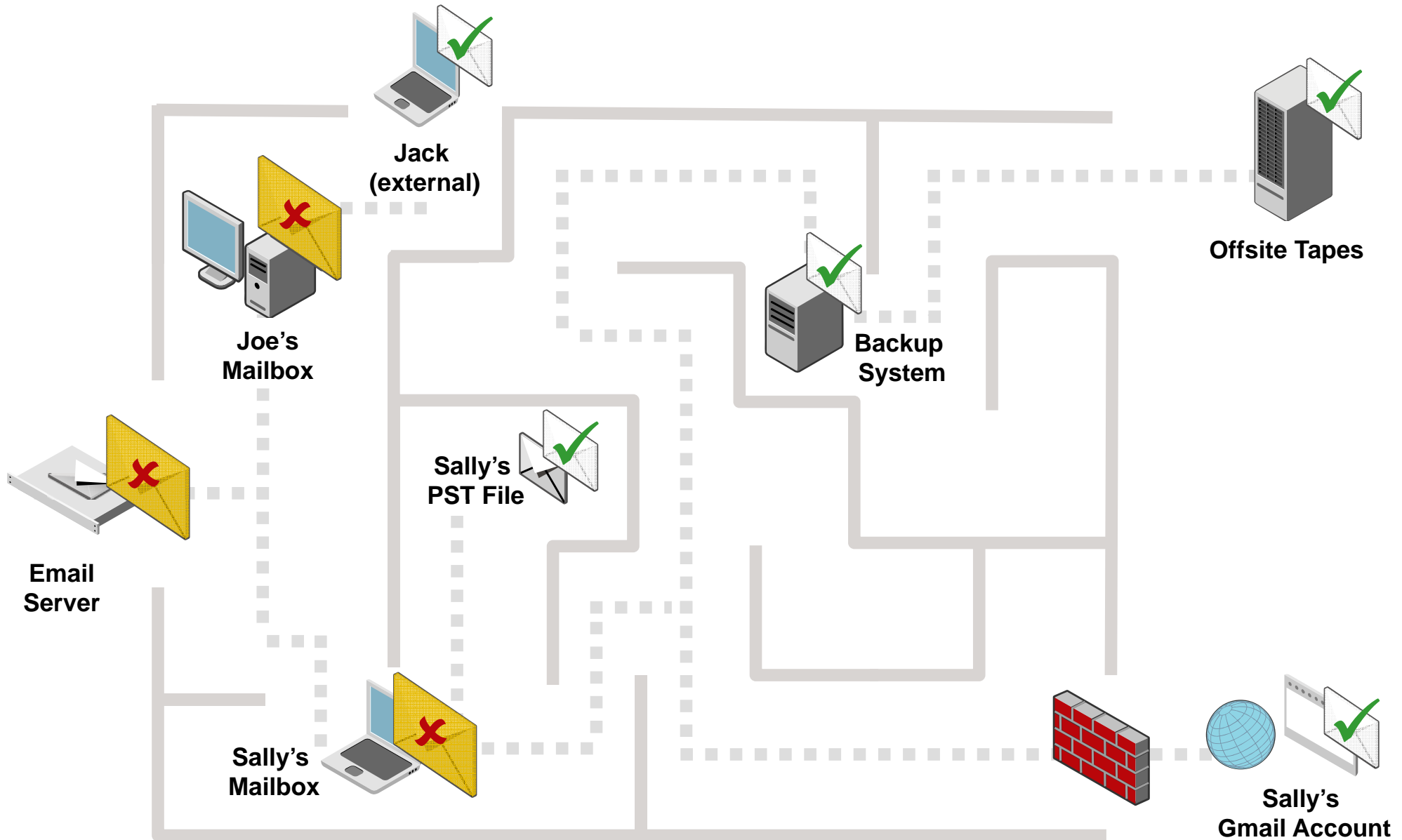
Help Desk Calls:
PST Corruption and Quota Issues

Store PSTs
On Network*

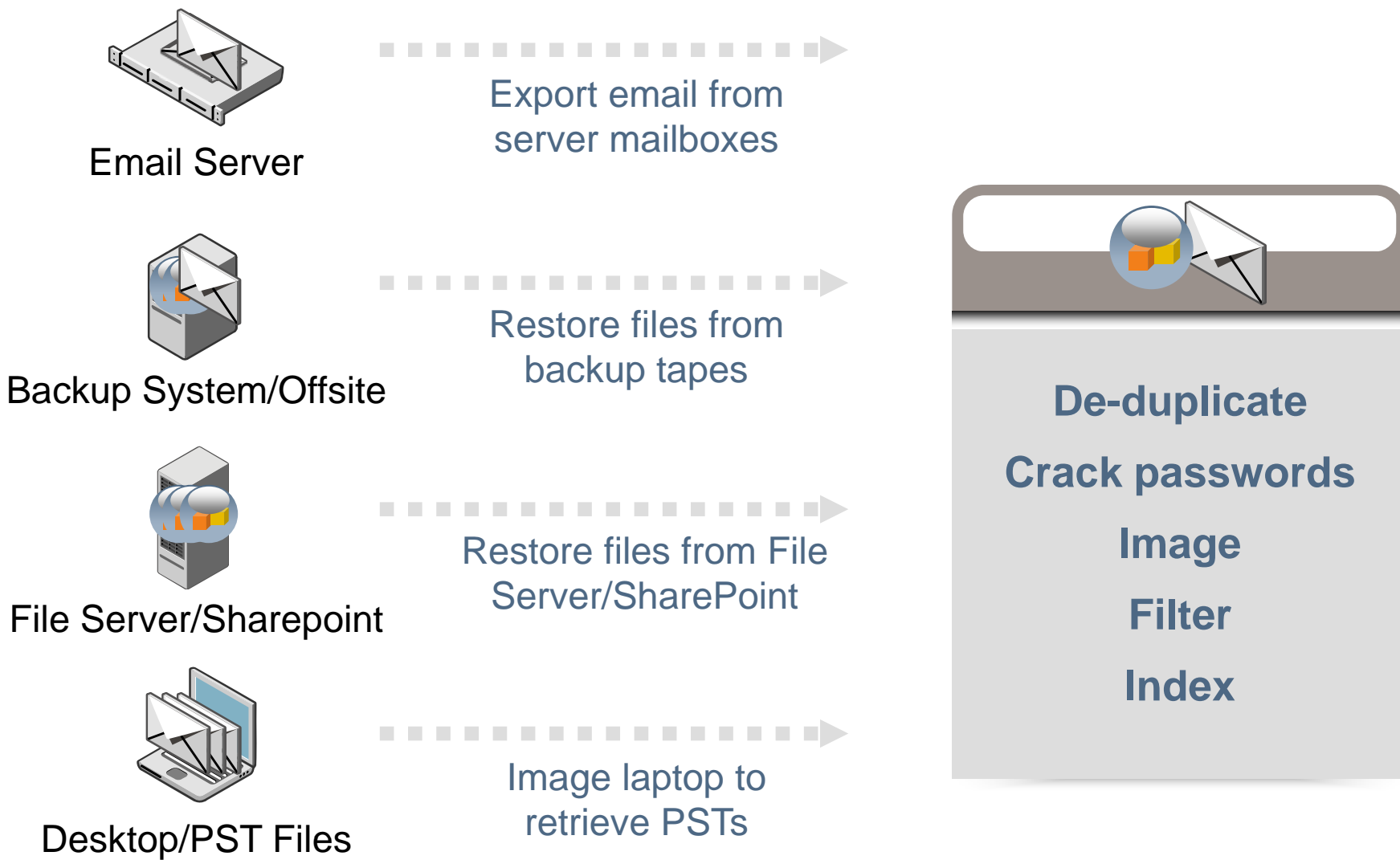
Still Using Storage
and Backup



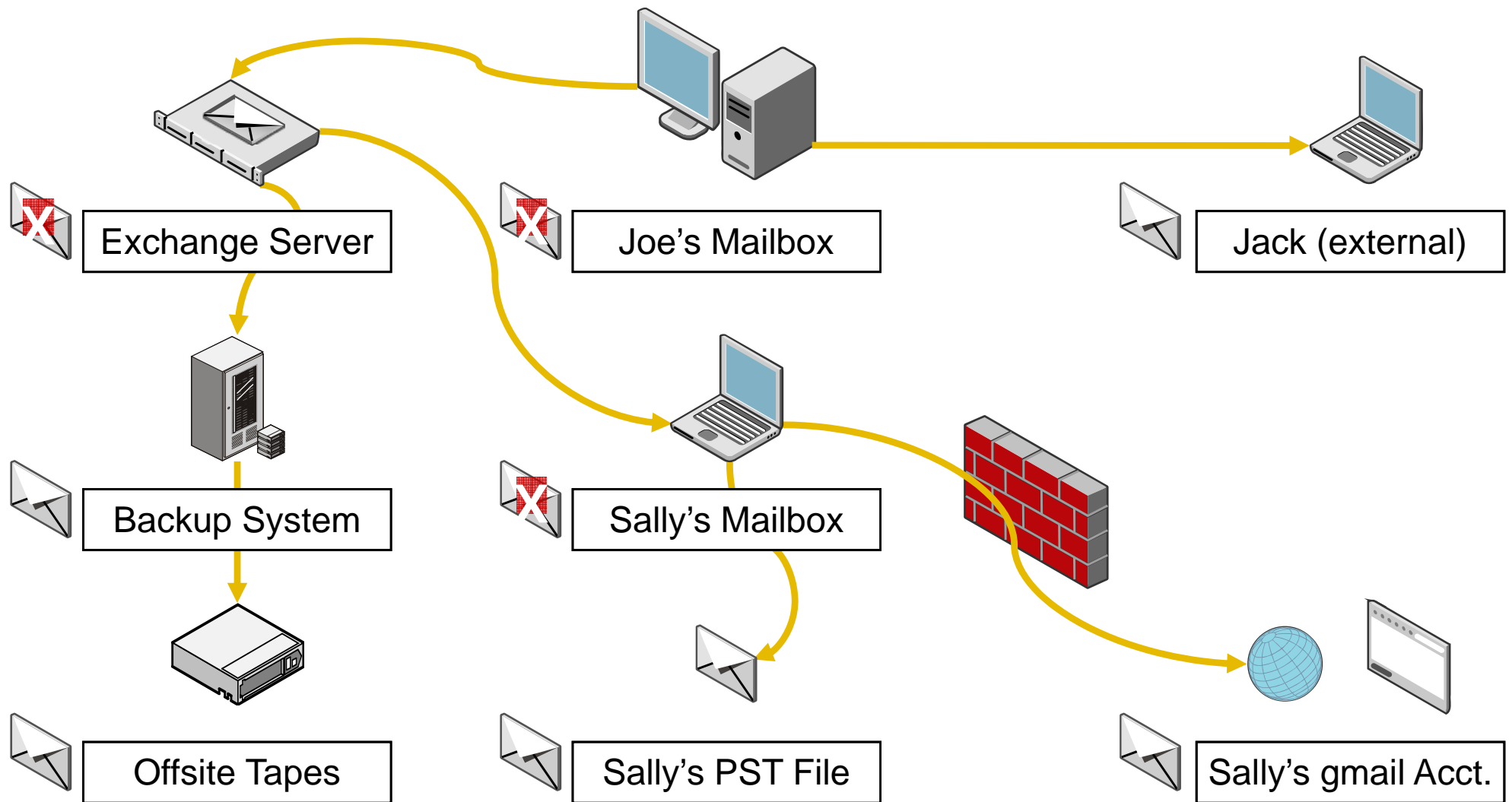
Challenge #2: Retention is a Game



Challenge #3: Search is a Fire Drill



Common Misconception: Deletion Is Our Solution



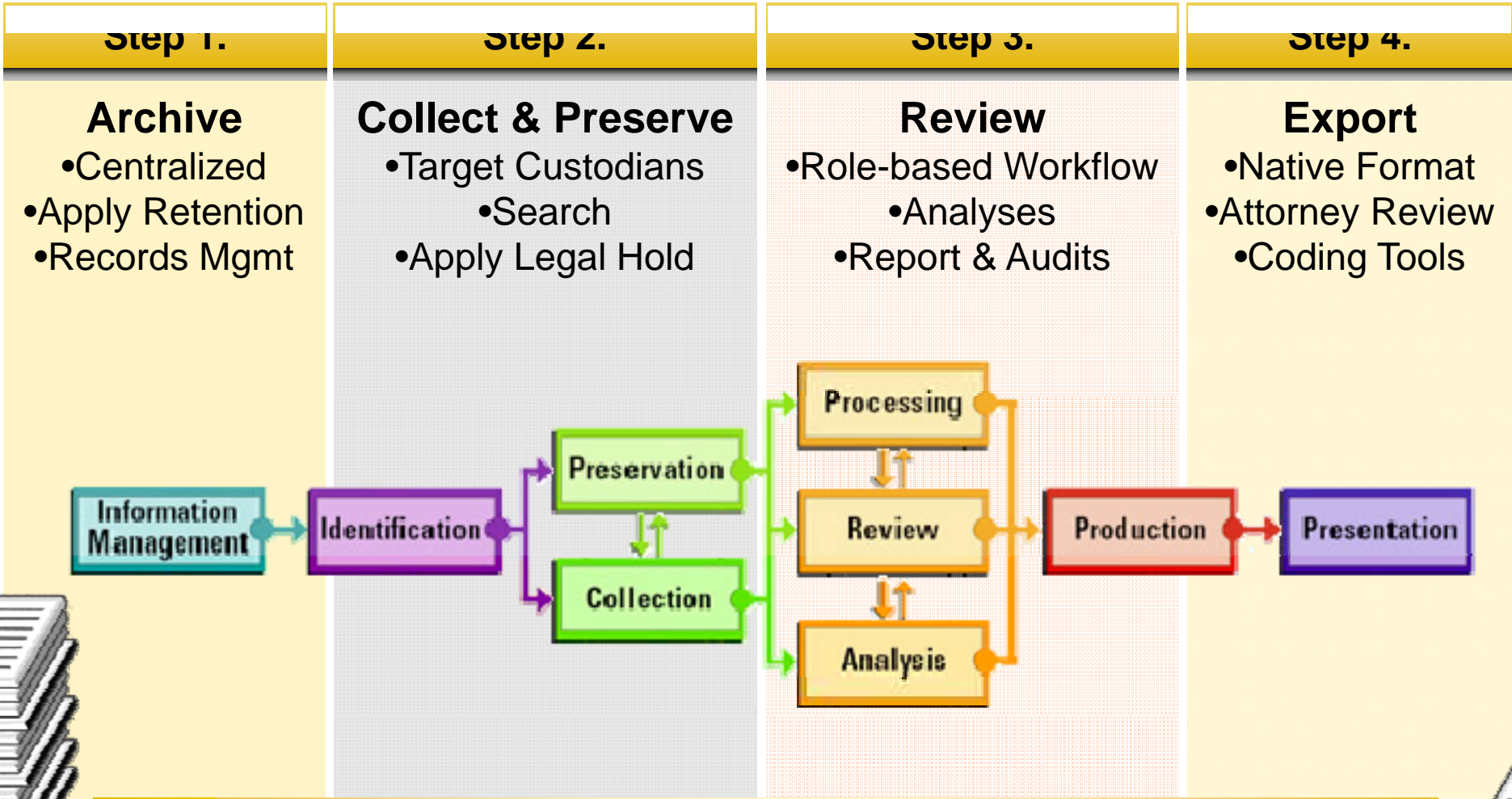
5 Steps to Litigation Readiness



1. Prepare for litigation hold and early case assessment
2. Update policy and process
3. Automate collection, retention, and expiration
4. Enable efficient E-Discovery with rapid production
5. Connect with internal and external litigation & case management tools



How Archiving Helps with E-Discovery



E-Discovery Timeline



Where Enterprise Vault Helps with E-Discovery



Open ECM

EMC documentum
 OPEN TEXT CORPORATION
 ORACLE
 IBM. ca

OpenContent Collection

RenewData
 Kazeon
 Guidance SOFTWARE

Open Analytics

Attenex
 Clearwell
 METALINCS

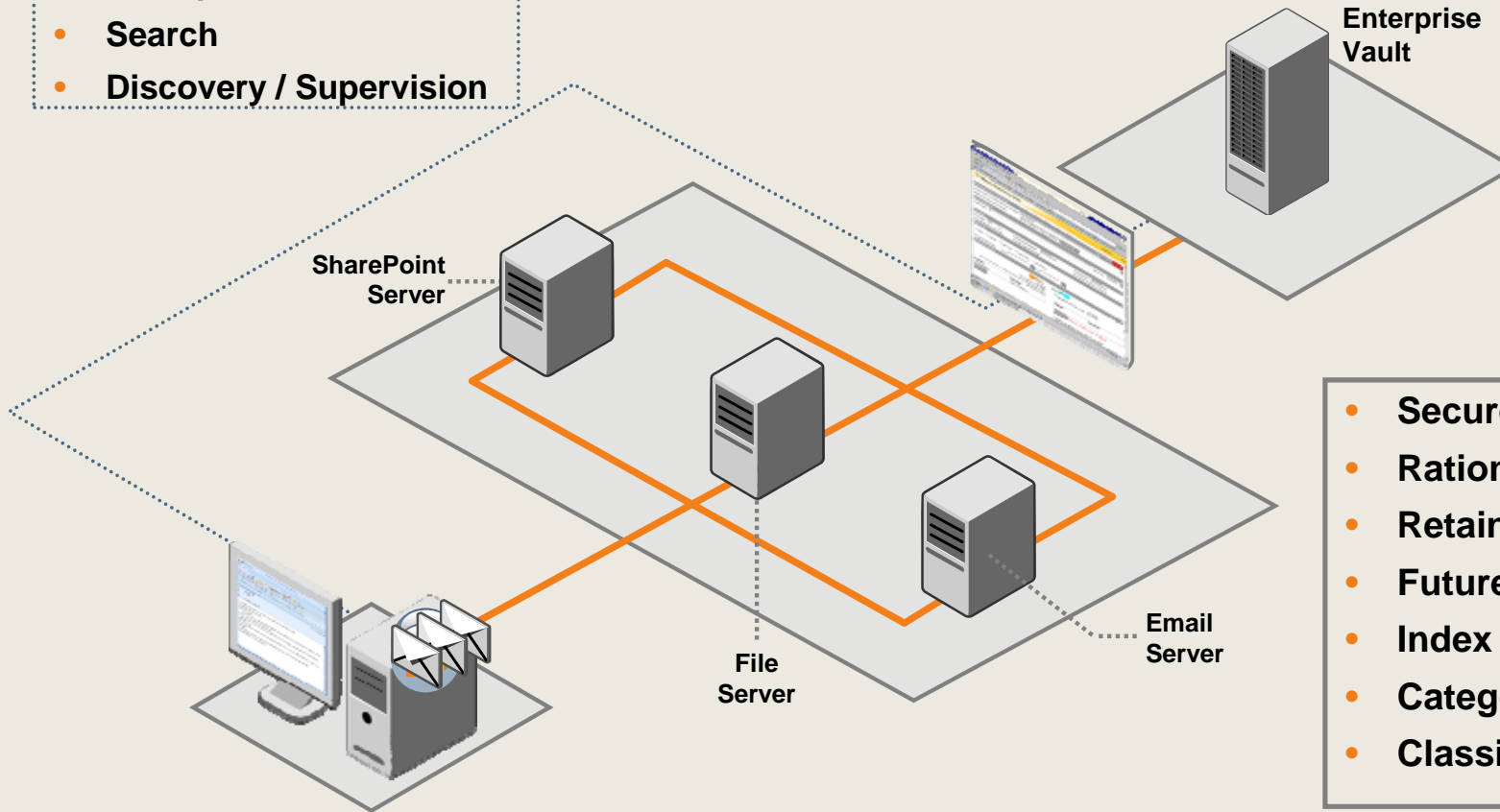
Open E-Discovery

CT Summation
 Ringtail.
 Concordance

How Enterprise Vault Works



- Transparent Access
- Search
- Discovery / Supervision



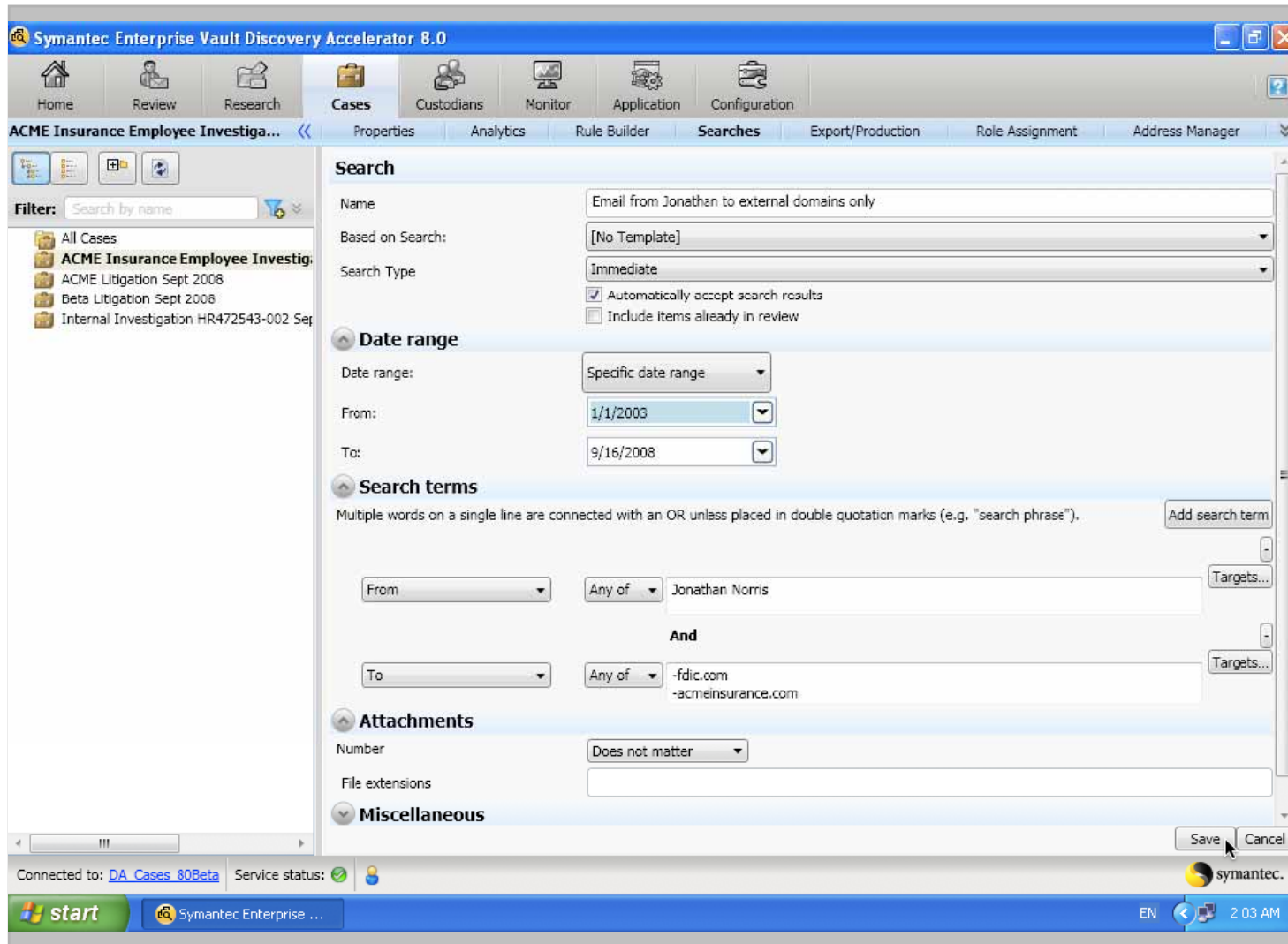
- Secure
- Rationalize
- Retain / Expire
- Future Proof
- Index
- Categorize
- Classify

Cheaper

Faster

More Reliable

Investigation/Disclosure with Discovery Accelerator



- Search all archived content and metadata
- Search by custodian, keyword, phrase, date range, etc.
- Search custom tags from classification engines
- Encrypted content is flagged
- Automatic legal hold

Keys to Success



- Starting Out
 - Cost-justify around Storage and PST/NSF migration
 - Educate differences versus email servers, ECM and E-Discovery
 - Don't try to boil ocean on policies and leave legal hold exposed
- Selecting
 - Think long-term
 - Consider manageability
 - Focus on content intelligence
- Succeeding
 - Think about scalability upfront
 - Protect like a Tier 1 application
 - Leverage the expertise of Symantec services

Key Benefits

Symantec Enterprise Vault



Centralize information management and retention

- Eliminate quota requirements and PST/NSF problems
- Facilitate faster backup and restore times



Archive more than just email

- Automatically archive all of your unstructured information
- Consolidate servers and storage resources



Enable corporate discovery and end-user search

- Find, preserve and produce information for legal
- Empower seamless end user data recovery





Confidence in a connected world.



Thank You!

Copyright © 2008 Symantec Corporation. All rights reserved. Symantec and the Symantec Logo are trademarks or registered trademarks of Symantec Corporation or its affiliates in the U.S. and other countries. Other names may be trademarks of their respective owners.

This document is provided for informational purposes only and is not intended as advertising. All warranties relating to the information in this document, either express or implied, are disclaimed to the maximum extent allowed by law. The information in this document is subject to change without notice.

GET IT FASTER

- 100% tested and validated factory configurations
- Systems ready out of the box
- Greatest degree of customization in the industry
- Most streamlined & eco-friendly packaging
- Lowest deployment effort and cost

RUN IT BETTER

- 100% open systems management strategy
- Fewer image impacting changes compared to HP and IBM
- Ultimate managed and support services
- Lower energy costs

GROW IT SMARTER

- Performance leader
- 100% standards-based approach with no lock-in
- Greatest range of scalability and ease of upgradeability
- Greenest technology company on earth
- Non-proprietary

DELL POWEREDGE SERVER OVERVIEW



TOWER SERVERS

Typically will have more hard disk drive bays
Great solution for branch & remote locations
Rackmount & floorstanding options on some servers
Additional storage provided by

channel storage



RACK OPTIMIZED

Some servers feature 2 post & 4 post racking
Great solution where space is a premium
Additional storage provided by external SCSI/SAS/SATA or fibre channel enclosures



BLADE SERVERS

Great solution where space is a premium
Additional storage provided by external SCSI/SAS/SATA or fibre channel enclosures

DELL POWEREDGE LINEUP



TOWER SERVERS



PowerEdge T100
1S/2 Drive
Dual Core Xeon



PowerEdge T105
1S/2 Drive
Opteron



PowerEdge SC440
1S/2 Drive
Up to Dual Core Xeon



PowerEdge 840
1S/4 Drive
Up to Dual Core Xeon



PowerEdge T300
1S/4 Drive
Quad Core Xeon



PowerEdge 1900
2S/6 Drive
Quad Core Xeon



PowerEdge T605
2S/4 Drive
Opteron



PowerEdge 2900 III
2S/10 Drive
Quad Core Xeon

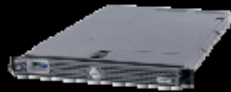
BLADE SERVER



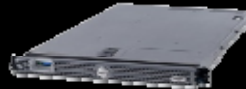
PowerEdge M1000e
2P/4P
8/16-blade
Quad Core Xeon
Opteron



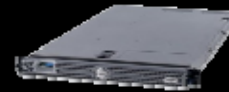
PowerEdge R200
1U/1S/ 2 Drive
Up to Xeon Quad Core



PowerEdge R300
1U/1S/ 2 Drive
Up to Xeon Quad Core



PowerEdge SC1435
2S/2 Drive
Opteron



PowerEdge 1950 III
1U/2S/4 Drive
Up to Quad Core Xeon



PowerEdge 2950 III
2U/2S/8 Drive
Up to Quad Core Xeon



PowerEdge 2970
2U/2S/8 Drive
Opteron



PowerEdge R805
2U/2S/2 Drive
Quad Core Opteron



PowerEdge R900
4U/4S/8 Drive
Up to 6 Core Xeon



PowerEdge R905
4U/4S/8 Drive
Quad Core Opteron

POWEREDGE SERVER NAMING

- Provides better understanding of Dell's server portfolio
- Allows for quick comparisons between Tower, Rack and Modular server capabilities

POWEREDGE R200

T: Tower
R: Rack
M: Modular

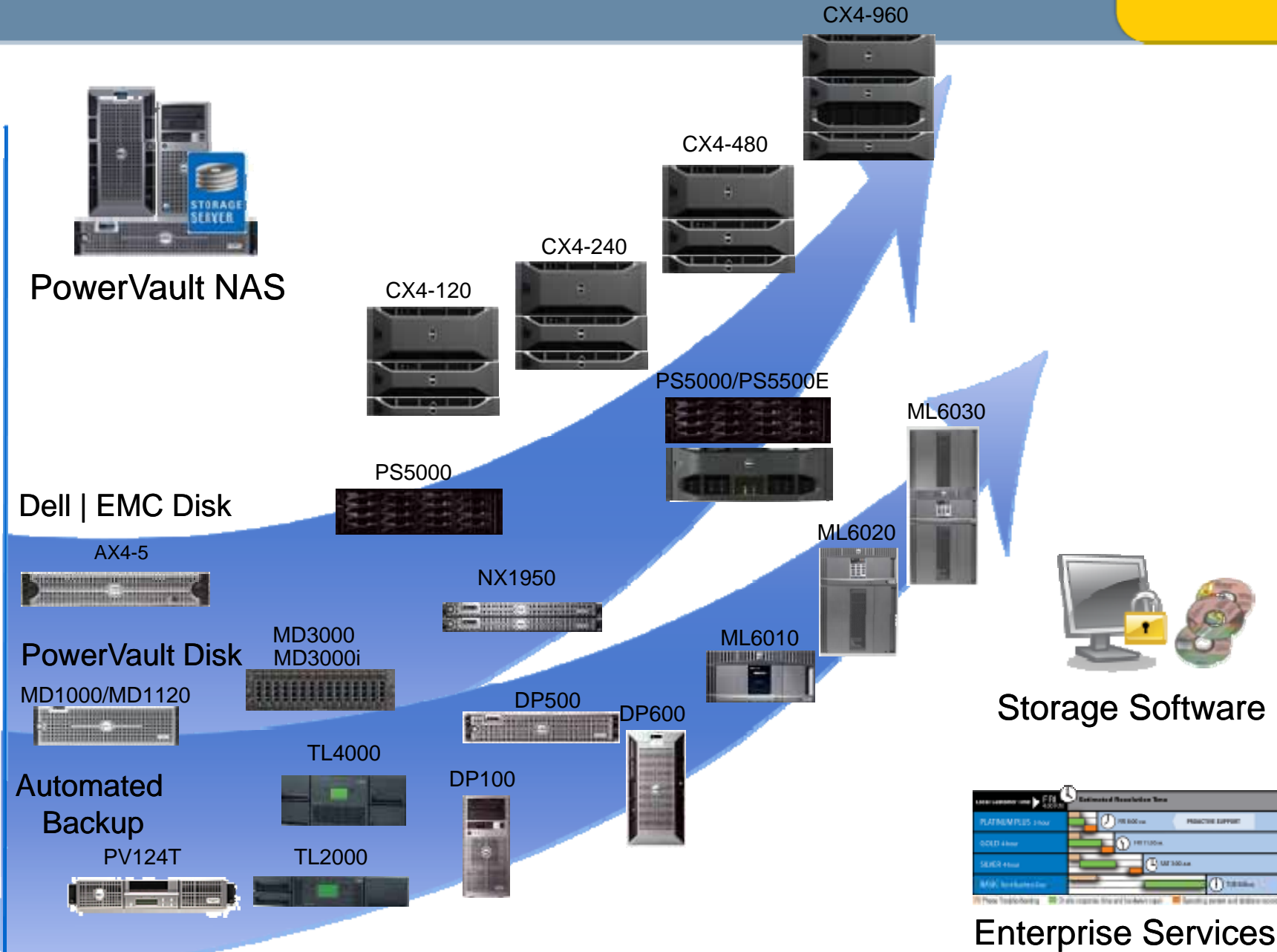
Capability Descriptor

1: 1S Low 5: 2S Low
2: 1S Medium 6: 2S Medium
3: 1S High 7: 2S High
4: 1S Special 8: 2S Special
9: 4S Server

0: 10th Generation

0: Intel
5: AMD

DELL STORAGE OPTIONS



DELL SAN STORAGE



MD3000



- Entry level iSCSI
- Consolidation
- 16 Servers maximum
- Windows, Linux & VMware

AX SERIES



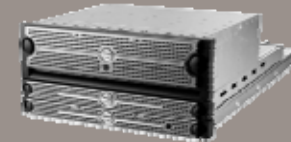
- Entry Fibre / iSCSI
- Consolidation
- Edge apps
- Dell | EMC Eco-system

PS SERIES



- Enterprise iSCSI
- Consolidation
- Ideal for virtualization
- Simple configurations

CX SERIES



- Enterprise Fibre Channel & iSCSI
- Consolidation
- Heterogeneous environments
- Synchronous replication
- Dell | EMC Ecosystem