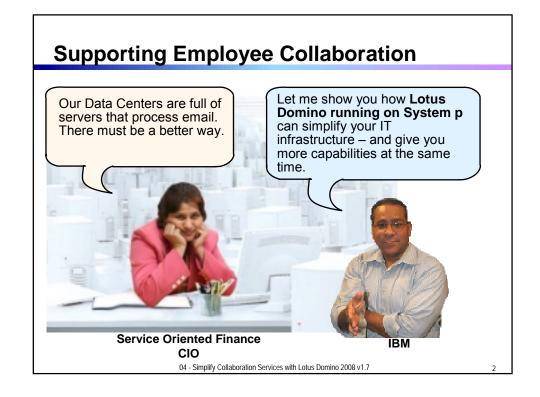
Building a Better Infrastructure With IBM Middleware on System p

Simplify Collaboration Services with Lotus Domino



Lotus Notes and Lotus Domino

Domino Server Provides:

- Email, Calendar, Contacts
- Instant Messaging, Team Rooms
- Forms Application Platform

Domino Server



System p

Domino is available for AIX, i5/OS, Linux, Solaris, z/OS, Windows

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Lotus Notes and Lotus Domino

Notes Client Provides:

Personal Productivity

Notes Client

Expeditor

Eclipse Java

Operating System Windows Linux MacOS

- An integrated user interface to Domino function
- Built on open standards
- Disconnected operation
- Free Personal Productivity Applications
 - ▶ Open Document Format (ODF) and
 - ▶ Microsoft Office formats

Domino Server





System p

Domino is available for AIX, i5/OS, Linux, Solaris, z/OS, Windows

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Lotus Domino Team Rooms Enhance Team Productivity

- Provide centralized location to capture work and status of team
 - Project status
 - Document repository
 - Discussion database
 - Task assignments
 - ▶ Team calendar



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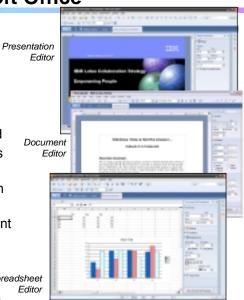
IBM's Productivity Editors – A Free Alternative to Microsoft Office

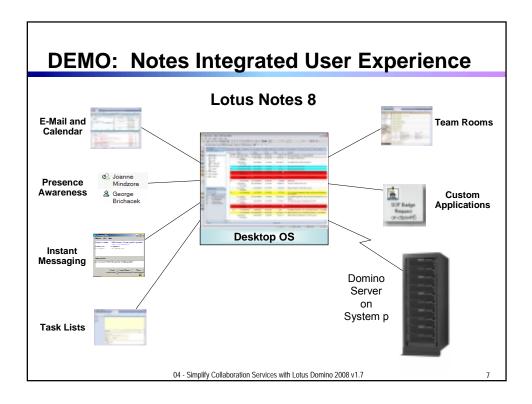
- Presentation Editor. Spreadsheet Editor, Document Editor
- Includes most common editing features to satisfy a majority of business users
- Natively supports the Open Document Format (ODF) standard
- Includes support for Office formats (97, 2000, XP, 2003) and PDF
- Implemented in Java, derived from OpenOffice
- Fully integrated into the Notes client
- Also available as standalone free download (IBM Lotus Symphony)

Spreadsheet

http://symphony.lotus.com/software/lotus/symphony/home.jspa

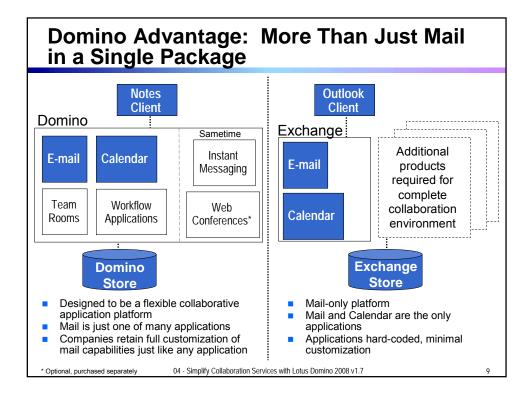
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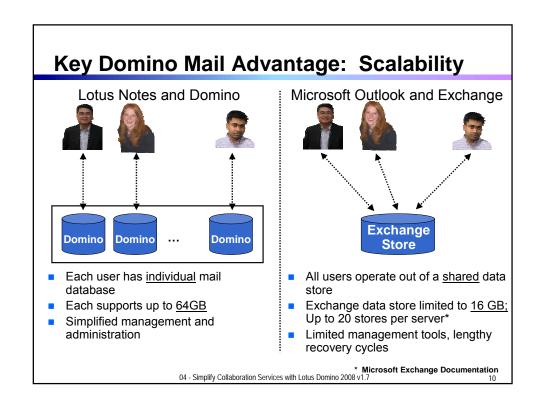


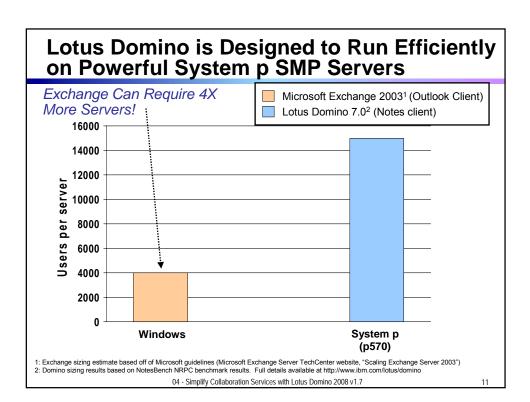


Domino is architected as a distributed collaborative application platform

- Domino's workflow integrates the entire user experience
 - Built in forms routing, approval, digital signatures and data collection capabilities
 - Microsoft/Exchange solution requires numerous additional products and servers
 - Operations Manager, SQL Server, Communications Server, SharePoint etc...
- Underlying architecture designed for extensibility and Composite Application support
 - ▶ Notes applications can now be combined with Java applications (Web Services, other Eclipse components, portlets...)
 - Loose coupling between applications, components, & plug-ins allows exchange of data
- Applications are presented in either the Notes client or a web browser







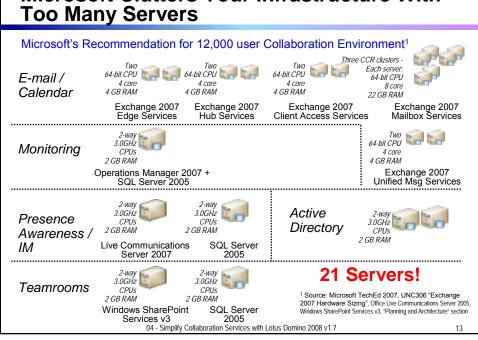
Collaboration at Service Oriented Finance

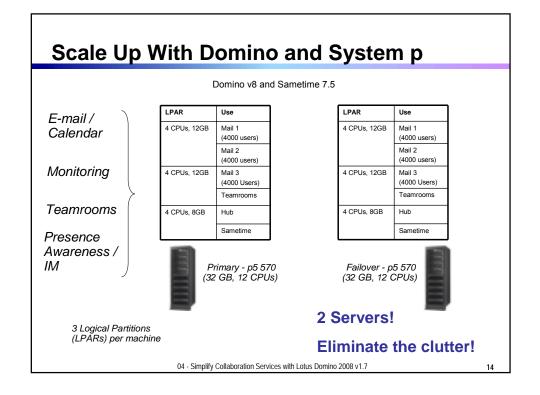
- Current Collaboration Environment
 - ▶ Microsoft Outlook and Exchange 2003
 - ▶ Uses Exchange public folders (shared documents, e-mails)
 - ▶ No real-time collaboration
- Considering migration to Microsoft's strategic collaboration offerings
 - ▶ Microsoft Outlook and Exchange 2007
 - ▶ Real-time collaboration

Migrating to Domino instead of Exchange 2007 will simplify the environment and reduce overall costs

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Three Year TCO Comparison (12,000 Users)

	Domino Collaboration Solution	Microsoft Collaboration Solution
Server Hardware	\$535,300	\$502,000
	2 servers	21 servers
Server Software		
E-mail / calendar	\$98,800	\$27,900
Presence aware. / IM	Included	\$400
Teamrooms	Included	Included
Monitoring, database, hub	Included	\$9,7000
Client Access Software		
Server CAL	\$0	\$1,235,500
E-mail / calendar	\$1,866,700	\$946,300
Presence aware. / IM	Included	\$190,000
Teamrooms	Included	\$288,000
Server Support and Environmentals	\$68,800	\$722,400
TOTAL	\$2,569,600	\$3,922,200

Source: Server costs for MS software based on Dell PowerEdge Servers and sizing from Dell Exchange Advisor: Server costs for IBM Lotus software based on IBM TechLine experts 04 - Simplify Collaboration Services with Lotus Domino 2008 v1.7

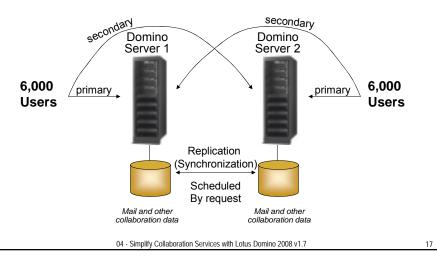
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+ Personal Productivity	\$0	\$450 x 12,000 = \$5,400,000	expensivi
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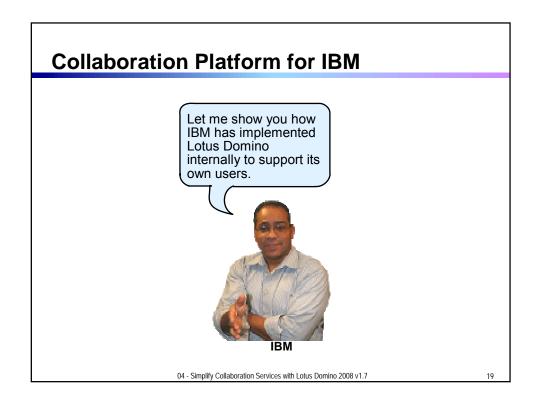


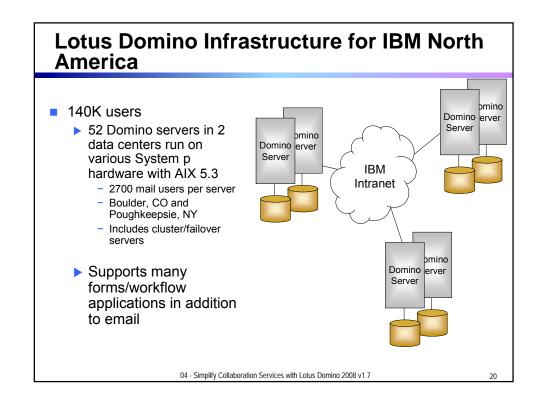
Domino clusters share workload (not a cold standby)



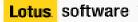
Domino Lowers Administrative Costs

- Lower administrator cost due to fewer servers
 - ▶ Domain monitoring, policy-based administration, network bandwidth, SPAM and regulatory compliance, Smart Upgrade
- Quality of Service features reduce administrative tasks
 - ▶ Domino clustering provides automatic failover and load-balancing
 - ➤ Transaction-logging, automated server restarts, and diagnostic data collection help diagnose problems
 - Advanced administration tools automate repetitive tasks
- Unmatched security features are built-in
 - ▶ Granular levels: server, database, view, field
 - ▶ Integrated, seamless PKI encryption, digital signatures, Execution Control Lists (ECL)





Another Domino Advantage: Freedom-of-Choice



Notes, Domino Web Access POP/IMAP clients, MS Outlook



Outlook, Outlook Express, POP/IMAP clients, Outlook Web Access

Microsoft

Client OS

Linux, Mac OS, Palm, Java MIDP, Windows, Windows Mobile, Blackberry OS



Windows, Windows Mobile, Blackberry OS

Server OS

Linux, AIX, Solaris, i5/OS, zOS, Windows



Windows

Domino, LDAP, Active Directory



Active Directory

Provides flexibility and preserves investments in infrastructure

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Domino Has a History of Easier Upgrades

	Domino	Exchange
Multiple versions of software on same server	Yes	No
Operating System changes required for upgrade?	No requirement	Upgrades to Exchange have prerequisites for Windows upgrades For example, Exchange 2003 required Windows 2000 systems to upgrade to Windows 2003 first.
Migration of users to new version	No user outage, steps for migration Replicate mail file from old server to the new server Run in parallel to verify new environment. When ready Redirect client to new server via address book change	Multiple, different options, all with user outages Move mailboxes Update in place Export / Import mail

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Two System p servers can replace 21 Exchange servers!

Let's simplify my infrastructure!

It's very straightforward to migrate from Exchange to Domino and System p.

Let me show you.



Service Oriented Finance CIO



IBM

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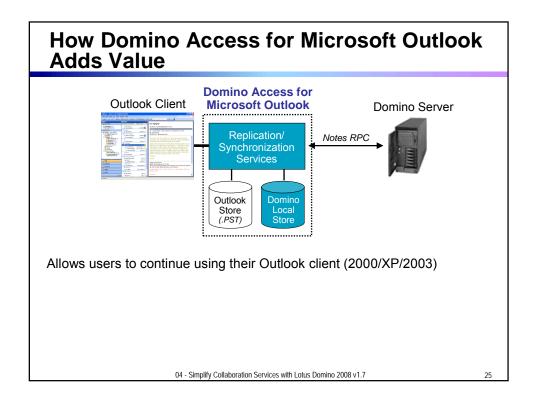
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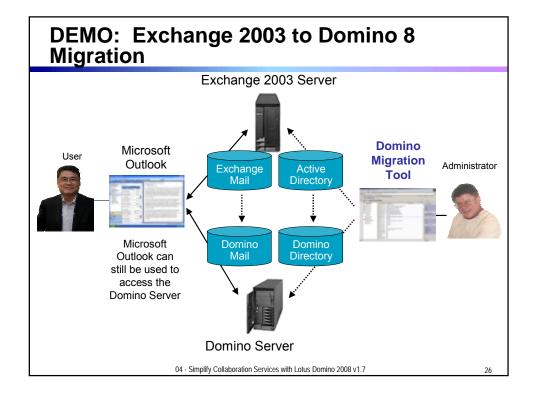
Domino Migration Tool

- Integrated into the Domino Administrator client
- The migration process
 - 1. Imports users and groups from Exchange and creates entries for them in the Domino Directory
 - 2. Creates an ID and mail file for every imported user
 - Migrates the contents of mailboxes from the Exchange server into Domino
- Can be used for MS Exchange versions 5.0, 5.5, 2000, 2003

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2/





Migration Business Partners

- Automated Deployment Tool (Wolcott Systems Group)
 - Specifically designed to migrate and deploy the messaging client through automation and process management
 - ➤ Can reduce the time and cost of labor-intensive manual deployments, by as much as 80%
 - Integrates with standard migration tools from Lotus and Binary Tree
- Common Migration Tool (Binary Tree)
 - Automates mass migration of server side mail data
 - Requires no manual intervention
 - ▶ Provides user triggered migration with a single touch button

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Metropolitan Life Insurance Simplified I/T



By migrating all of MetLife's Domino and Exchange users to a consolidated e-mail infrastructure, they reduced the number of servers by over 50%. The time and expense required to manage the new, environment is expected to decrease substantially. MetLife is one of the largest insurance and financial services providers in the U.S.

Challenge:

 Multiple e-mail infrastructures meant costs were spiralling out of control

Solution:

- Merged and simplified its messaging architecture on Notes and Domino
- Standardized its messaging infrastructure with a scalable, easy-to-manage server platform -IBM® System p5[™] and IBM eServer[™] pSeries® servers running AIX

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