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Lotus Notes and Domino Present and Future directions

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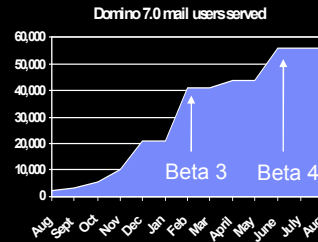
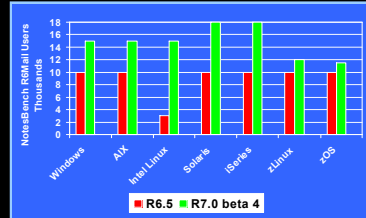
ON DEMAND BUSINESS™

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Business momentum for Notes

- Lotus Notes business stronger than ever; Grew double-digits in 2005, >5% in 1H 2006
- **42%** market share worldwide (2005, Gartner Dataquest)
- Notes and Domino has
 - More than 125 million licenses sold
 - More than 40,000 active customers worldwide
- Competitive wins and momentum
 - “Move to the Penguin”
- More than 90% of customers upgraded to Release 6.x, and millions on ND7 already

- **More users per Server**
 - 30 - 70 % more users per server
- **Messaging workload**
 - Lotus Notes Up to 25% less CPU utilization¹
 - Domino Web Access 25 - 50% lower CPU utilization²
- **Example: ND 7 Internal IBM Early Deployment**
 - 50,000+ Notes 7.0 beta users
 - 35% CPU reduction on production servers



¹ R6Mail.ntf Windows, Solaris, AIX, zSeries, zLinux compared to 6.5.1
² R6iNotes Windows, Solaris compared to 6.5.1

■ **Real Time Monitoring - Server Tasks & Events**

The screenshot shows the IBM Domino Administration console with several panels:

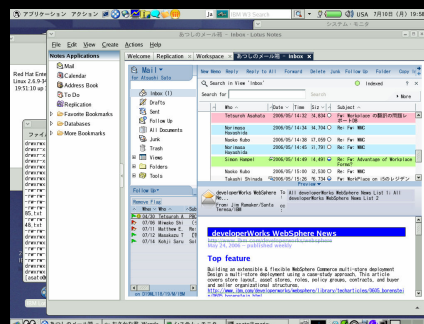
- Server Status:** A table listing servers with columns for Name, OS, Current, Capacity, Target, Prepared, Accuracy, and Notes Transactions.
- Resource Balancing:** A section for managing server resources.
- Activity Trends:** A graph showing server activity over time.
- Profiles for Notes:** A bar chart showing performance metrics for different server profiles.
- Statistics for selected servers:** A detailed view of server statistics including CPU usage, memory, and network activity.

Performance Tuning

Root Cause

- **Lotus Notes**
 - Windows, Macintosh, and now Linux
- **Domino Web Access (“iNotes”)**
 - Windows, Macintosh, Linux
- **Domino Access for Microsoft Outlook**
 - with extensive Microsoft Office integration
- **Mobile & Wireless devices**
 - Palm, PocketPC, Symbian, Blackberry
- **Open standards interfaces**
 - POP, IMAP, iCalendar, Web Services

- **Enables users to run a true Notes client on the Linux platform**
- **Distro support:**
 - Red Hat Enterprise Linux v4 (RHEL 4), update 3
 - SUSE Linux for Enterprise Desktop v10 (SLED 10) support available to customers later in 2006.



- Allows end users to more easily access SAP information in Lotus Notes for higher productivity, lower costs, and better decision making

 - Functionality enriches people productivity in familiar Lotus Notes environment and processes
 - Leverages N/D strengths in workflow to compliment SAP processes

- New functionality available as part of the Lotus Notes client

 - Provides a single user experience within Lotus Notes
 - For Lotus customers who are running Lotus Notes 7.01+ and SAP R/3 4.6c

- Allows out-of-the-box integration for messaging and custom applications

 - Adds new templates to the client’s desktop
 - Simple Implementation and rapid deployment



Vacation/leave request	Employees can request vacation or leave time from their manager using the Lotus Notes calendar and Lotus Notes email. Approved time is recorded in SAP.
Time reporting	Employees can report billable (or other) time to SAP directly from the Lotus Notes calendar.
Contact management	Employees can look up contact information from the SAP HR and CRM systems, and add it to their personal contacts.
Report generation	Employees can schedule or run a report from SAP using the Lotus Notes client .
Workflow driven by Notes pushed into SAP	Employees can review and process SAP workflow items using the Notes client.
Employee Self Service / Manager Self Service	Employees or their managers can update HR information such as name, address, telephone, etc., using the Lotus Notes client.
Meeting scheduling	SAP users can track the meetings they schedule using SAP CRM on the Lotus Notes calendar

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Peter Brown - Calendar - IBM Lotus Notes

Vacation/Leave Request Use Case

Address

Workspace Peter Brown - Inbox X Peter Brown - Cale... X Action Items from Jan 17th consti... X

Save and Send Save as Draft

Calendar Entry

Leave Request
This request will be penciled in on your calendar until approved.

Request

Subject: Vacation in February

Type of leave: Vacation

Send to: Ron Espinosa

When

Starts: Fri 02/10/2006 09:00 AM

Ends: Fri 02/10/2006 06:00 PM

1 day

Description

Click to append attachment(s)

<Enter the description of this event>

Peter Brown Employee id #87446

Type of leave	Days taken	Days remaining
Vacation	2	8
Personal	.5	4.5
Floating holidays	1	2
Other	0	0

By default the times show the whole day (using the setting in the user's calendar profile for work day hours)

Calculated based on what's entered

Boss's name is automatically filled in, based on organization info stored in SAP.

The request is penciled in until approved

Types of leave are pulled from SAP

Peter's current vacation status is also pulled from SAP

workplace, Portal and Collaboration Software

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Enables users to take their Notes experience with them on a USB stick.

– Customer Profiles / Use Cases:

- Workers that want to take their “Notes” experience to other computers (hotels, customer site, remote office, etc..)
- Satellite Office workforce (feature naming in progress)
- Workers that do not have laptops
- Ready backup capability for Notes environment

Note: “Nomad” is a placeholder name to refer to this capability

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workplace, Portal and Collaboration Software

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- **Weblog app:**

- Available to both Notes clients and browser users for blog entries and comments
- LOB users can customize blog look and feel without Domino Designer
- First additional out-of-the-box Notes application in years
- Scalable, reliable, secure

- **RSS feeds:**

- Enable any Domino application to provide an XML-based feed of new information to RSS reader software
- No application modification required

CONFIGURATION DOCUMENT 2004

Site Settings | Templates | Search | Link Properties | Archiving | RSS Feeds | Discussion | Logging | Custom Tags |

General | Advanced | Content Creation | Additional Titles/Meta Data | Thumbnails/Images |

URL of Site:

Site Title:

Site Description:

Site Owner:

Meta Data - Author:

Meta Data - Description:

Keywords:

Software Version:

- Blog entries can be categorized, sorted and posted to content websites such as Technorati™
- Status item for blog entry allows it be reviewed before publishing and to be published or removed on specified date / time
- Option to moderate blog comments
- Option to enable / disable comments for any blog entry
- Option to accept comments for specific blog entry for only "X" days
- Comment filter to catch spam comments (enable / disable for each blog)
- Blog statistics can be stored in separate NSF for best performance

Note: As always this is a base starting point and for those users and / or Domino developers they can provide further customizations as required for their organizations just like any other Domino application.

■ Domino 7.0.1

- New platforms
 - iSeries i5/OS v5R4
 - Solaris 10
 - RHEL4 (also supported in 7.0) - 32 bit or 64-bit Intel Linux OS

■ Domino 7.0.2

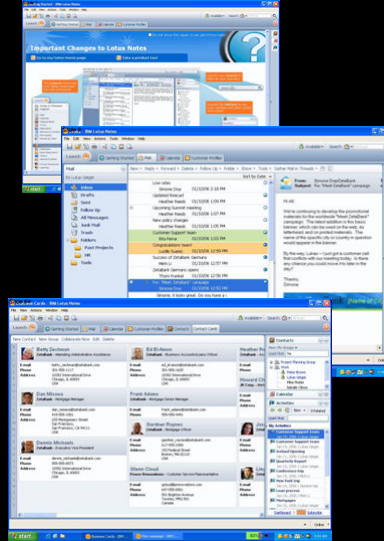
- Smart Upgrade 'Run as Admin' – available standalone earlier
- Selected features from Domino 'Next' may be accelerated for 7.0.2 (e.g. Message Journaling expands groups to 'real' names)
- New platforms
 - 32-bit Domino supported running on Windows x64 Server
 - 32-bit Domino running on 64-bit Intel Linux OS (SUSE 9)
 - SUSE 10 (32 and 64 bit OS support)
 - z/OS 1.6

The screenshot displays three overlapping windows from a Domino 7.0.2 meeting interface:

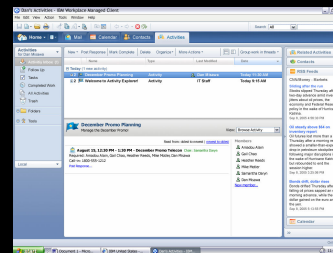
- Chat Window (Left):** Shows a conversation between Kelly Hendart and Sam Curman. Kelly asks if Sam is available for a presentation today, and Sam responds that he is not available until 2:00 PM.
- Local Services Window (Middle):** Displays a list of local services including 'RENOVATIONS: building 5', 'Local printers', and 'Conference rooms'. It also shows a weather widget for Chicago, IL.
- Meeting Room Window (Right):** Titled 'Sales Team Kick Off', it shows the meeting date and time (June 15, 2:00 PM EST), the moderator (Dan Misawa), and a list of participants including Dan Misawa, Monica Shan, and Kelly Hendart.

“Hannover”

- **The next generation of Notes**
 - Expansion of capabilities and integration
 - Adapting technologies to new uses
- **Extends the unique qualities of the Notes collaboration platform**
 - Support for a new class of standards-based composite applications
 - Will provide server-managed technology that can be tailored for your business.

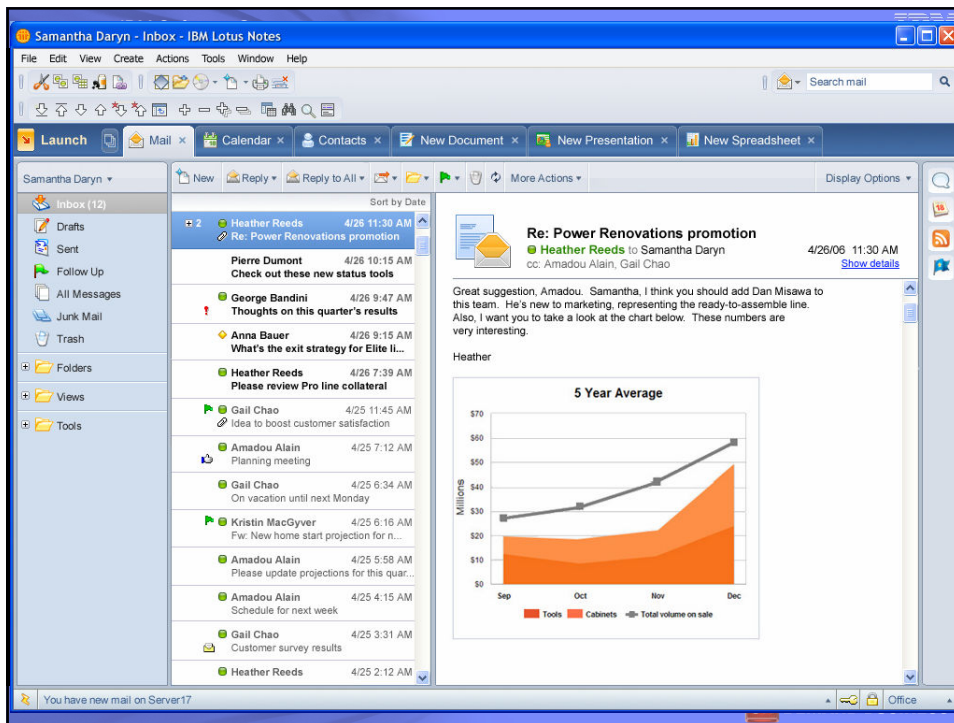


1. New user experience
2. Major innovations in mail and calendaring/scheduling
3. Improvements in contact management
4. Activities-based model
5. Exploit managed client capabilities
6. Composite application support



- **ALL Notes applications run**
- ***ALL Notes applications run***
- **Only requires a Domino server**
- **Subscription upgrade**

- **Java/Eclipse development environment**
- **Composite Applications**
- **Activities**
- **Document editors (ODF-compliant)**
- **Server-Managed**



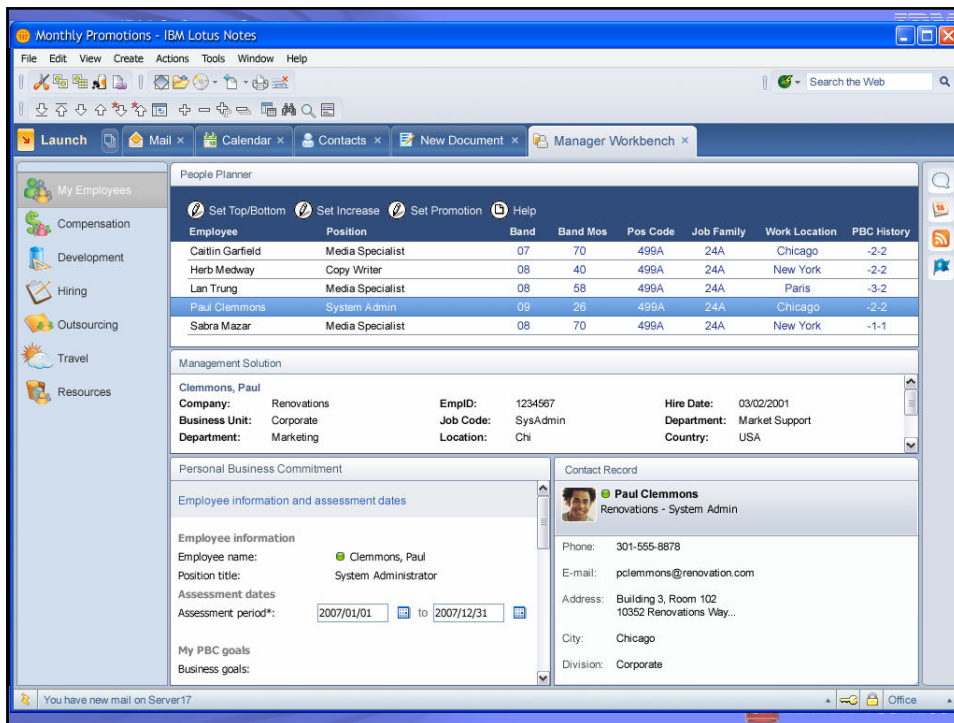
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- **Critical foundation for user acceptance**
- **More usability testing than any other Notes release**
- **More early involvement from customers and partners than any other Notes release**
- **A chance to address *perceived* and real competitive issues**
- **But, a counter-driver for Notes upgrades**

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- **A foundation for Notes for the next sixteen years**
 - For the first time, **Notes will do more than talk to Domino**
- **A way to attract and retain Notes developers**
- **A strong message of “openness” to a market that sometimes perceives Notes as closed and proprietary**

- **A set of related and integrated services that support a business function.**
- **Composite applications enable extended business functions to be composed of smaller more primitive business functions.**
 - Each component is relatively easy to design and build since each provides a minimal interface with limited functionality.
 - Property broker allows components to drive behavior in other components without any integration code.
 - Taken together the components combine to provide on-the-glass integration of multiple backend systems.



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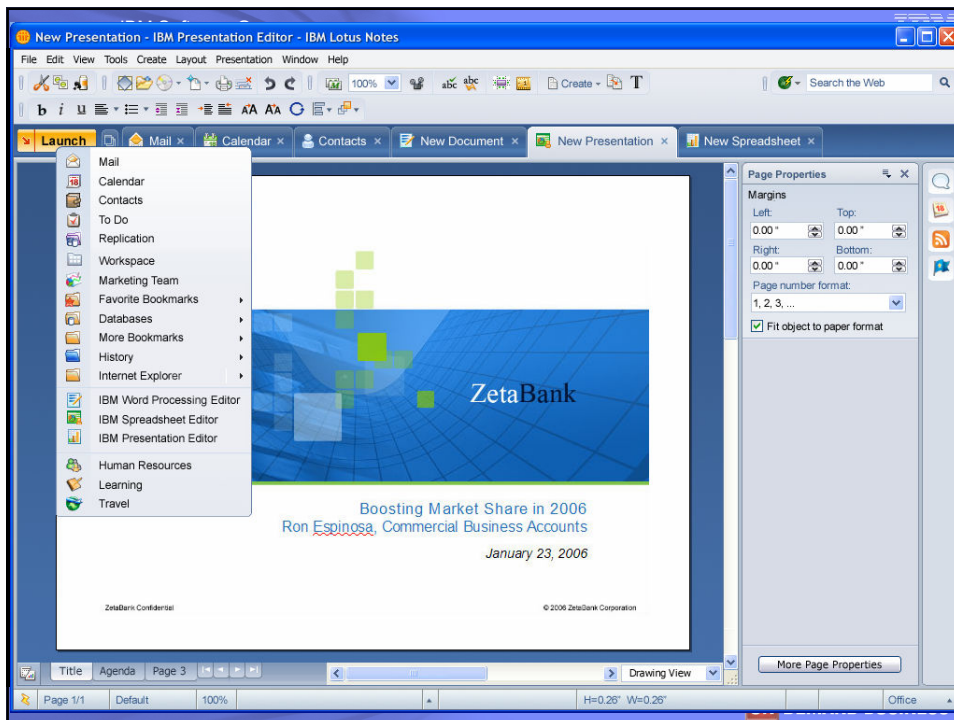
- Making Notes an SOA client, putting it in the center of IT architectures and roadmaps
- Extending value of your existing Notes investment – in every way
- Capitalizes on what the Notes client has always done well – integration at the desktop

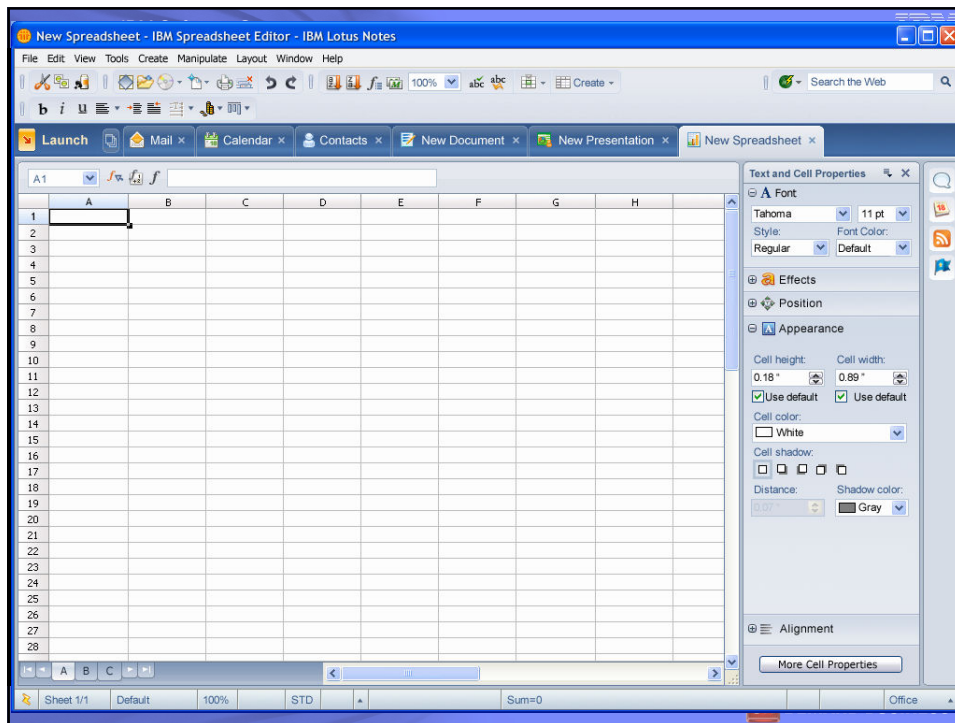
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- **Full suite of powerful office productivity tools:**
 - Word processor program
 - Spreadsheet program
 - Presentation Program
- **Entitled with Notes “Hannover”**
 - Integrated into menus and dialogs
- **Ability to view/edit/create documents in ODF, MS Office, or OpenOffice 1.0 formats**
 - Breaks “lock-in” of proprietary document formats
- **Deployed and administered dynamically**
 - Lightweight and “on demand”
 - Compatible with IBM document management products

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- **Activity Centric Computing will provide a new way of defining a “Context”**
 - With Activities, a context is defined dynamically by bringing together the artifacts (document, chats, collaborations) indicated by the users
 - Activities allows the artifacts to be “tagged” with additional information that allows those artifacts not only to be associated with one context, but with potentially many contexts.
 - With Activity Centric Computing, the “business process” behind an activity thread can be “observed” and turned back into a “process” that can be executed again and again
- **All these forms of Context, ultimately converge into one vision of association of context, role, business process, and activity**
 - And allow many ways for the user to achieve the vision of easily defining and participating in collaborative business processes

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The screenshot displays the IBM Lotus Notes application interface. At the top, the title bar reads 'Samantha Daryn - Inbox - IBM Lotus Notes'. Below this is a menu bar with options like File, Edit, View, and a toolbar with icons for mail, calendar, and search. The main window is divided into several panes:

- Mail Pane:** Shows a list of emails. The selected email is from Heather Reeds, dated 1/26/06 11:39 AM, with the subject 'Power Renovations promotion'.
- Message Pane:** Displays the content of the selected email, including a line chart titled '5 Year Average' showing data in millions. The text of the email discusses a marketing strategy suggestion.
- Activities Pane:** Located on the right, it shows a list of activities such as 'Market Research', 'Customer survey', and 'Latest market data'.

At the bottom of the screen, there is a status bar with the number '29', the text 'Workplace, Portal and Collaboration Software', and the 'ON DEMAND BUSINESS' logo.

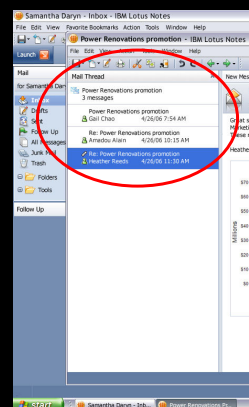
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- **E-mail is yesterday's paradigm**
 - But of course, will be around for the future
- **Activities puts control back in the user's hands**
- **Activities makes organizational work product available to everyone**
- **Activities is a model for leveraging dynamic teams**

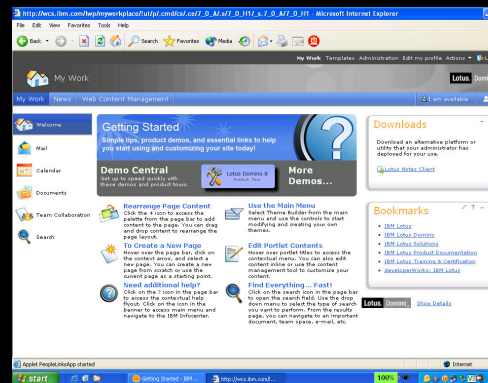
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- **Support for “Hannover” client innovations**
- **World class portal-based user experience**
- **Extend Domino leadership in messaging & collaboration**

- **Resilient threaded views**
 - Resilient to document deletion
 - Resilient to missed messages (e.g., when added to a thread)
 - Resilient to mix of Notes and internet mail
 - New application capability
- **Server-managed clients**
 - Smart Upgrade will support moving clients to Hannover
 - Eclipse application provisioning and versioning from Domino servers
 - Extend policies to support Hannover platform and Workplace capabilities
- **Composite Applications**
 - Support for provisioning Composite Applications from Domino
 - Front-end class support for Property Broker



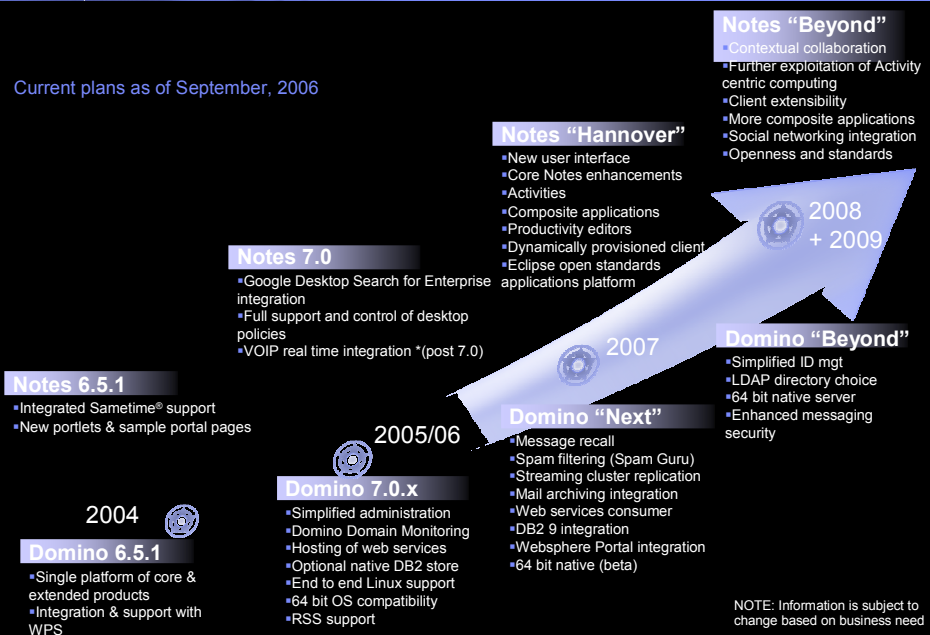
- **Domino Next will provide easy integration with IBM WebSphere Portal Server**
- **Enables portal access to mail, calendar, IM, Domino applications**
- **Simple Setup**
- **Customize User Experience**
 - Easily add other Domino applications to your pages using the Domino Application Portlet
 - Add portlets from IBM portlet catalog



- **Mail**
 - Optional retraction
 - Spamguru
 - New Out-of-Office process
- **Infrastructure**
 - General availability of NSFDB2 feature
- **Dozens of other enhancements in security, directory, administration**

- **Native 64-bit Domino Beta at Domino Next GA**
- **Benefits**
 - Removes virtual memory limits
 - Larger caches, less disk traffic
 - Use of 64-bit instructions and registers
- **Planning Considerations**
 - Each 64-bit platform will be a new Domino platform
 - APIs unchanged
 - Server add-ins and extension manager DLLs will require recompilation
 - **32-bit platforms continue to be supported**

Current plans as of September, 2006



- **Lotus continues to set the pace for organizational productivity and dynamic workplaces**
- **Sametime 7.5 an impressive platform for real-time business**
- **Lotus Notes 7.x a strong release that delivers benefits to you today, with more coming this month**
- **Notes “Hannover” and Domino Next the innovative platform to propel the next 15 years of Notes**

Thank You

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