

# Lotusphere Comes To You 2010



## Lotus knows.

Smarter software for a Smarter Planet.



# Lotus in Mobile World

**Henri Christiaan**

*Asia Pacific Techworks - Lotus  
IBM Software Group*



**Lotus knows.**

Smarter software for a Smarter Planet.

This presentation was originally created for Lotusphere  
2010 by

Lee Griffin  
and  
Erich Peterson



**Lotus knows.**

Smarter software for a Smarter Planet.

# Financial Disclaimer

The information on the new product is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information on the new product is for informational purposes only and may not be incorporated into any contract. The information on the new product is not a commitment, promise, or legal obligation to deliver any material, code or functionality. The development, release, and timing of any features or functionality described for our products remains at our sole discretion.

# Agenda

- Lotus Mobile Approach
- Lotus Mobile Product Roundup
- Lotus Mobile Product Roadmaps

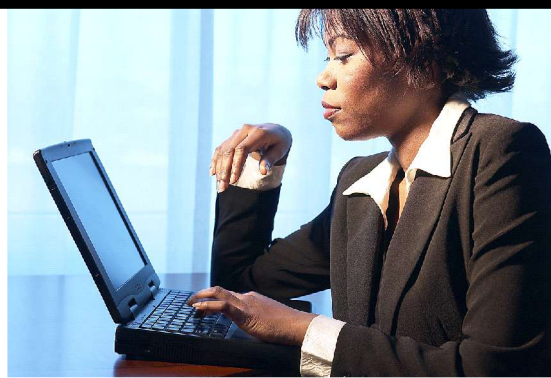
## Where are your employees? How do they want to work?

Universal access—Be as productive as possible, regardless of location

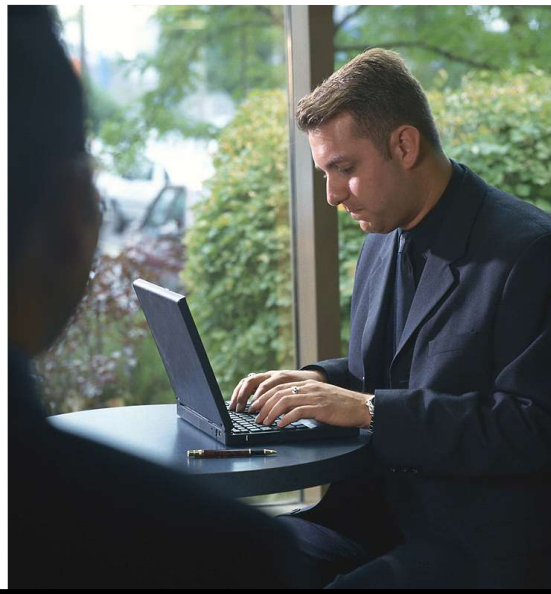
**Rich client**



**Browser**



**Mobile device**



**Connected**

**Disconnected**

# The Lotus Business Platform

*Collaboration in Context*



Knowledge Worker

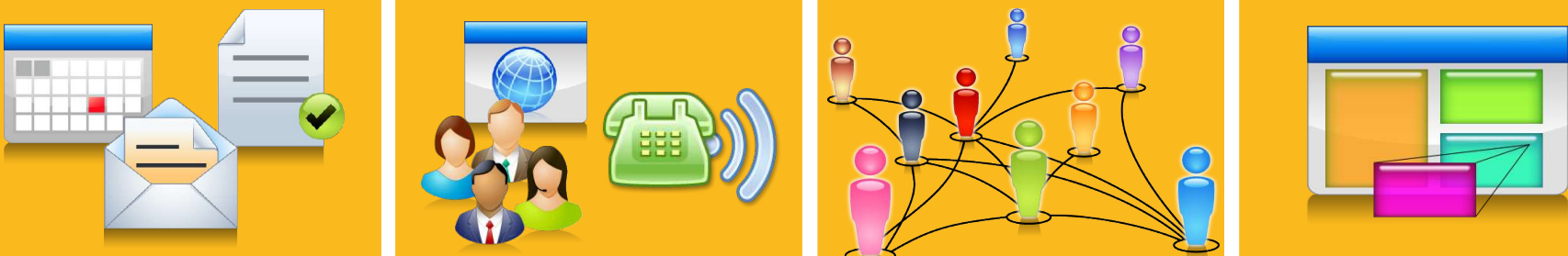


Informational Worker (Boundary)



External Partners

 **Universal Access**



Messaging      Communicating      Connecting      Integrating

**Lotus®**

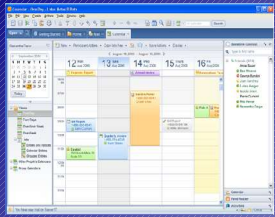
## Open Standards Architecture

**Business Applications** 

**Information Management** 

## Collaboration in Context

### Collaboration "is" the application



Desktop



Appliance

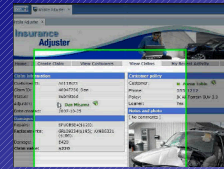


Web



Mobile

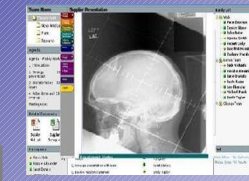
### Collaboration "Inside" the app



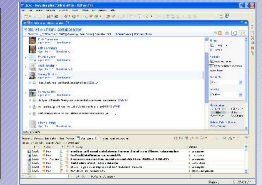
Middleware



Business Intelligence



Business Applications

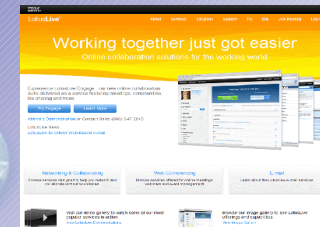


Application Development

### Collaboration as a Service



Hosted



SaaS

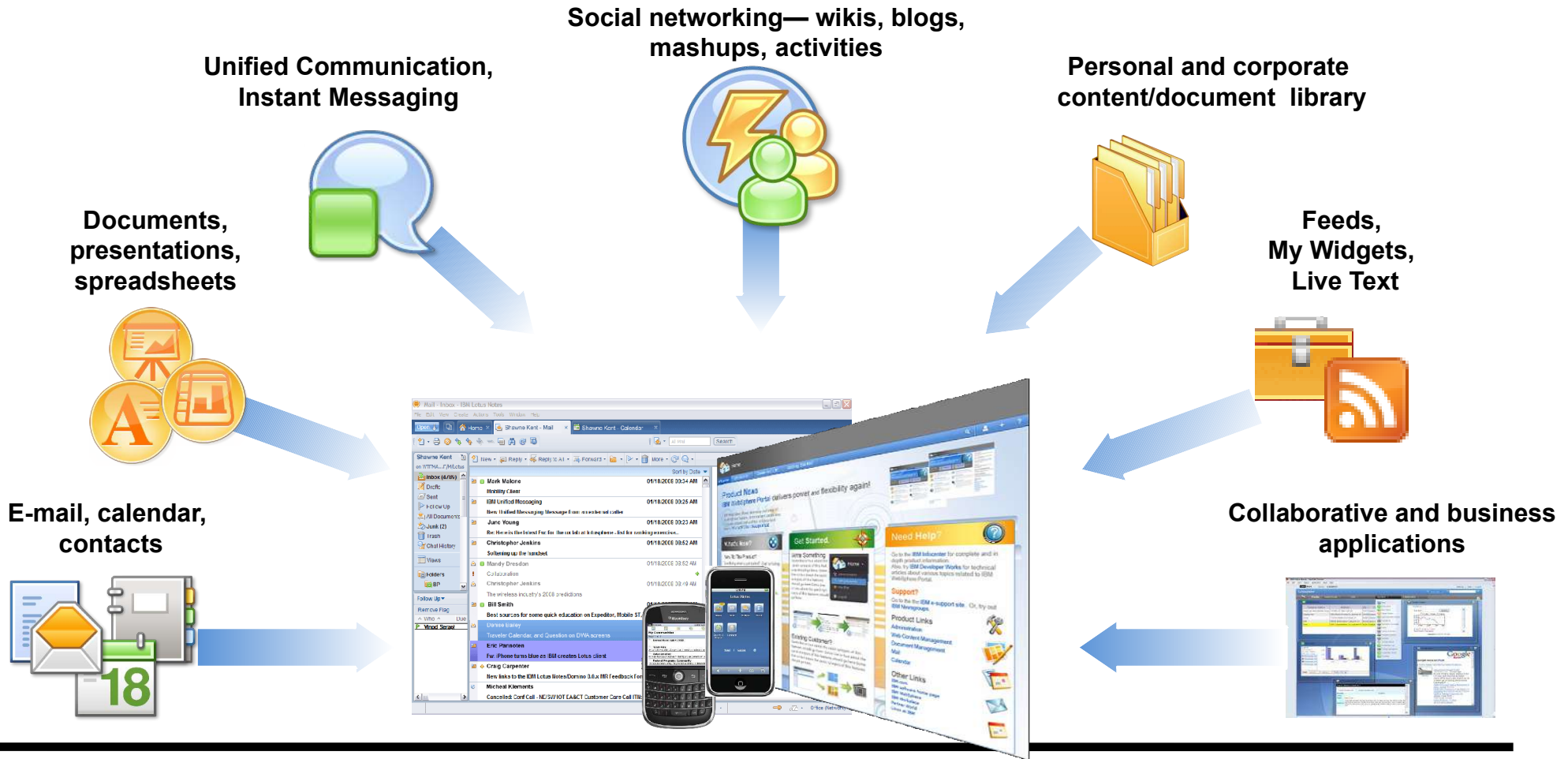
Applications & Information

Communication & Collaboration Services





## Collaboration in Context Beyond Office



Leveraging ALL your current investments

ORACLE®



DB2®



SAP®

IBM

BlackBerry®

CISCO™

AVAYA



EMC<sup>2</sup>  
where information lives®

**Lotus knows.**

Smarter software for a Smarter Planet.

# IBM Collaboration Portfolio

Beyond Office

## Choice of Access



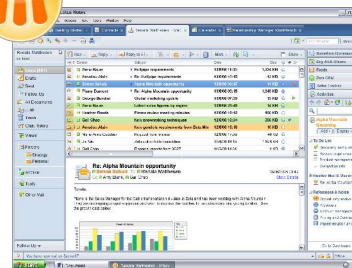
## Choice of Service

# Agenda

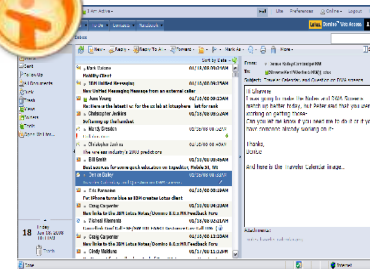
- Lotus Mobile Approach
- Lotus Mobile Product Roundup
- Lotus Mobile Product Roadmaps

## IBM® Lotus® Domino® has a rich client

- Integrated collaboration on multiple devices, any network
- Offline / Online capabilities
- Clients managed centrally, easier administration
- Supports role-based deployment
- Multi-OS support
- Out of the box features, cost effective and innovative
- Integrates with existing systems and applications



IBM Lotus Notes



IBM Lotus iNotes



IBM Lotus Notes Traveler

IBM Lotus iNotes



# IBM Lotus Notes Traveler

Push email for Nokia Symbian, Windows Mobile, and Apple iPhone devices



- Automatic wireless delivery
  - Email (including attachments)
  - Calendar
  - Address Book
  - Journal
  - To Do Lists
- 2-way synchronization
- Over-the-air client installation
- Email Folder support
- Customizable alerts for new email
- Encrypted mail
- Policy administration and monitoring \*
- Remote wipe and device lock
- Corporate directory lookup \*\*

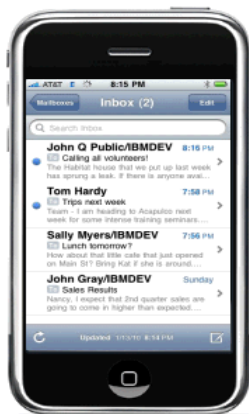
Works over all wired / wireless connections (CDMA, GPRS, GSM, WiFi, etc.)  
 Integrates with Lotus Mobile Connect for secure data channels

(\*) features NOT currently available on the Apple iPhone  
 (\*\*) feature NOT currently available on Nokia Symbian or Windows Mobile



# Lotus Notes Traveler Device Support

- Windows Mobile 5/6/6.1 Professional and Smartphone devices
- Nokia Series 60 3<sup>rd</sup> edition
- Nokia Series 60 5<sup>th</sup> edition devices (Touchscreen)
- Apple iPhone and iPod Touch Devices





# Lotus Notes Traveler Server

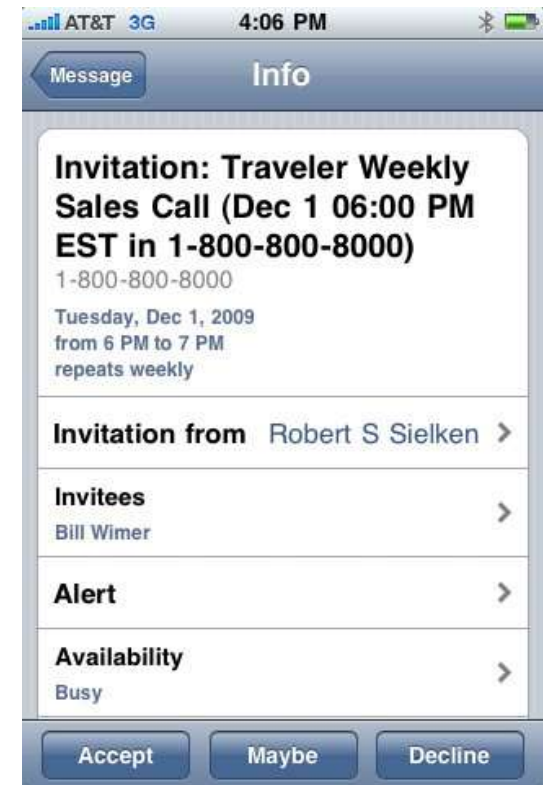
- Lotus Notes Traveler runs as a service on the Domino server
- Operating System
  - Windows® 2003/2008 Server (32-bit)
  - Windows 2003/2008 Server for Intel® 64-bit
- **Variety of server topologies possible including:**
  - Using VPN
  - Reverse proxy
  - Domino server with Lotus Notes Traveler component in the DMZ



# Lotus Notes Traveler

- iPhone invitation support

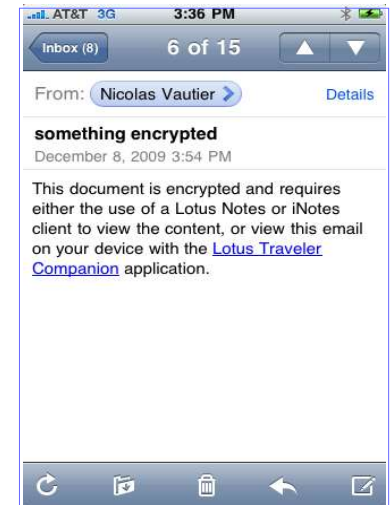
- Lotus Notes Traveler Server update
  - Included in 8.5.1 Fixpack 1
- Adds Attendee invitation handling on iPhone
  - Accept, Decline, Tentatively Accept





# Lotus Notes Traveler Companion

- iPhone application
- Allows user to read Domino-encrypted mail
  - Built on same design as Nokia and Windows Mobile
    - Requires Notes ID to be accessible from Lotus Notes Traveler server (in ID vault or mail file)
  - Uses link inside mail to jump to Companion
  - User supplies Notes ID password
  - Lotus Notes Traveler server does decryption
  - Does not store encrypted mail on the iPhone
- Available for free from iTunes App Store
  - “As is”, unsupported
  - Licensed to end user, not part of enterprise license
  - Requires Lotus Notes Traveler server update
    - Included in 8.5.1 Fixpack 1





# IBM Lotus iNotes® ultra-light mode

- Real-time access to Lotus Domino mail, calendar and contacts from iPhone/iTouch
- Visually appealing user interface
  - Consistent with Lotus Notes
  - Follows Apple iPhone UI design guidelines
- Quick and crisp Day-At-A-Glance calendar view
- Built on Lotus iNotes server infrastructure
  - HTML page generation
  - Operation workflow
- HTML-only fallback for Firefox
- Meets accessibility guidelines (on desktop via Firefox)





# Lotus Sametime® for mobile devices

Instant messaging and collaboration for popular Mobile devices

## Capabilities

- Wireless instant messaging
- Contact List and Business Cards
- Quick Find
- Single/Multiple Chat
- Chat History
- Status Alerts
- Announcements
- UC<sup>2</sup>
  - Extendable plug-in architecture
  - Windows Mobile v6 (Professional and Standard)





# Lotus Sametime for mobile devices

Instant messaging and collaboration for popular Mobile devices

## Device Support

- iPhone, iPhone 3G(S), iPod Touch web client application
- Blackberry – 7100, 8100, 8700, 8800 Series, 8300 series, Storm, Bold
- Nokia E-Series – E50, E51, E60, E61(i), E62, E65, E70, E75, E90
- Sony Ericsson – M600, P990i, P1i
- Windows Mobile – 2003 SE, WM5 Smartphone, WM 6 Standard/Professional





# Lotus Sametime UC<sup>2</sup> Client

- Based on latest IBM Lotus Expeditor for Devices 6.2.1
- Support for Windows Mobile
- Open eRCP/OSGI platform for allowing third party plugins, similar to desktop Sametime



# Lotus Sametime UC<sup>2</sup> Mobile Plugins

- With plugins third parties can add
  - Menu options
  - Views
  - Actions
- Some sample Lotus Sametime UC<sup>2</sup> plugins
  - Show profiles of contacts in proprietary company directories or public sites like Facebook
  - Process of chat text, like language translations and text to speech
  - Show physical location of contact on a map
- Plugins can use native device APIs via JNI

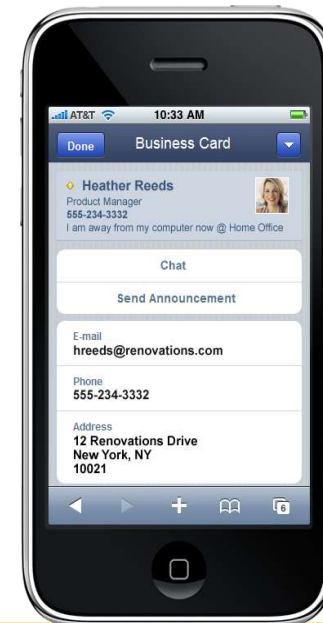
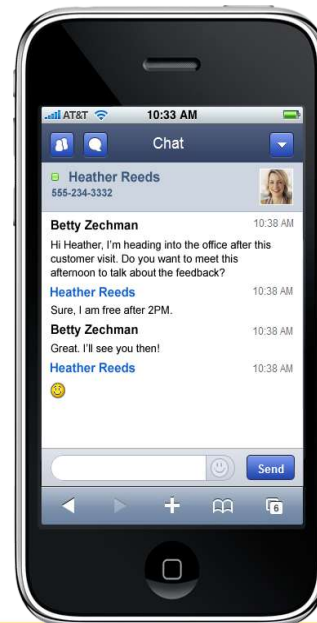
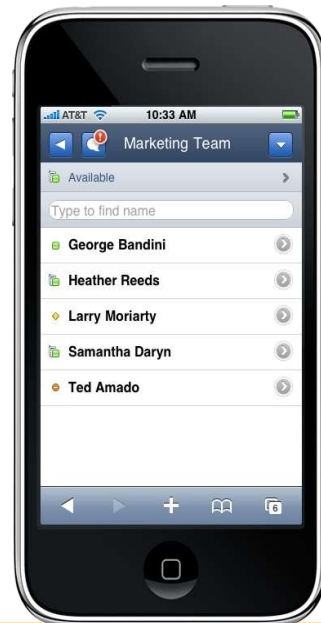




## Lotus Sametime Web Client for iPhone

Optimized for iPhone, iPhone 3G, iPhone 3Gs, and iPod Touch

- Uses the device browser
- Features include contact list with presence, single and multi-chat, business cards, click to call/email, announcements, contact and group management, mapping
- No background chat notifications





# Mobile Portal Accelerator

Extend/build vertical business applications for mobile environments

WebSphere Portal

- Multichannel access to portal content
- Aggregation of a broad mix of applications into a unified display
- Write once, render on multiple devices
  - Supports 6800+ devices
- Navigation, personalized experience, and multi-device rendering
- User registration/ profile management from desktop
- Security, access control, and single sign-on
- Templates for rapid site development and enforcement of style guidelines
- Ability to translate existing markup to new and future XHTML devices



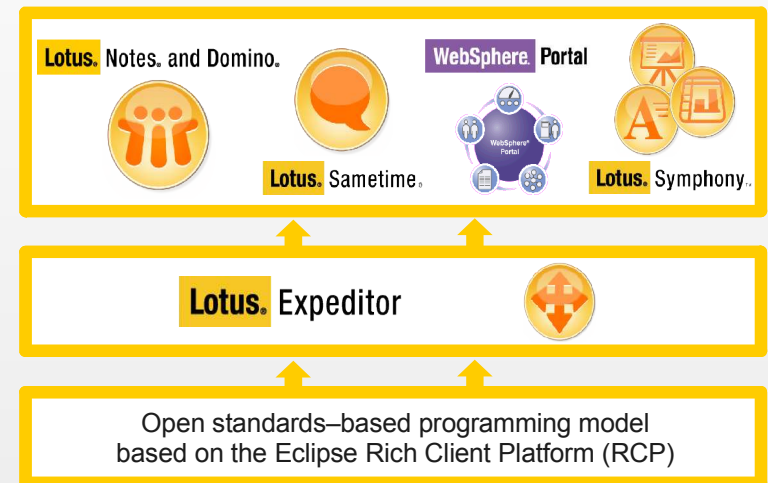
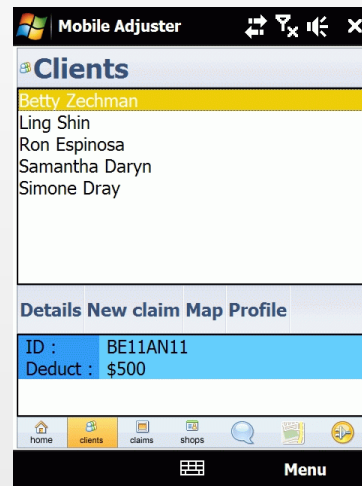
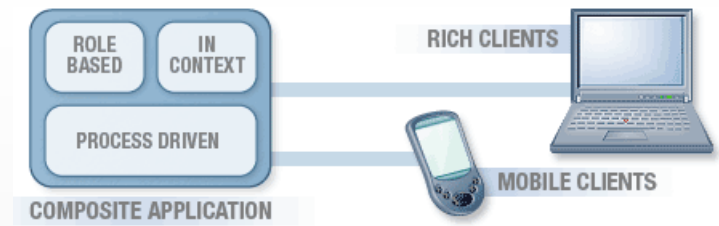




## IBM Lotus Expeditor

Building offline business applications

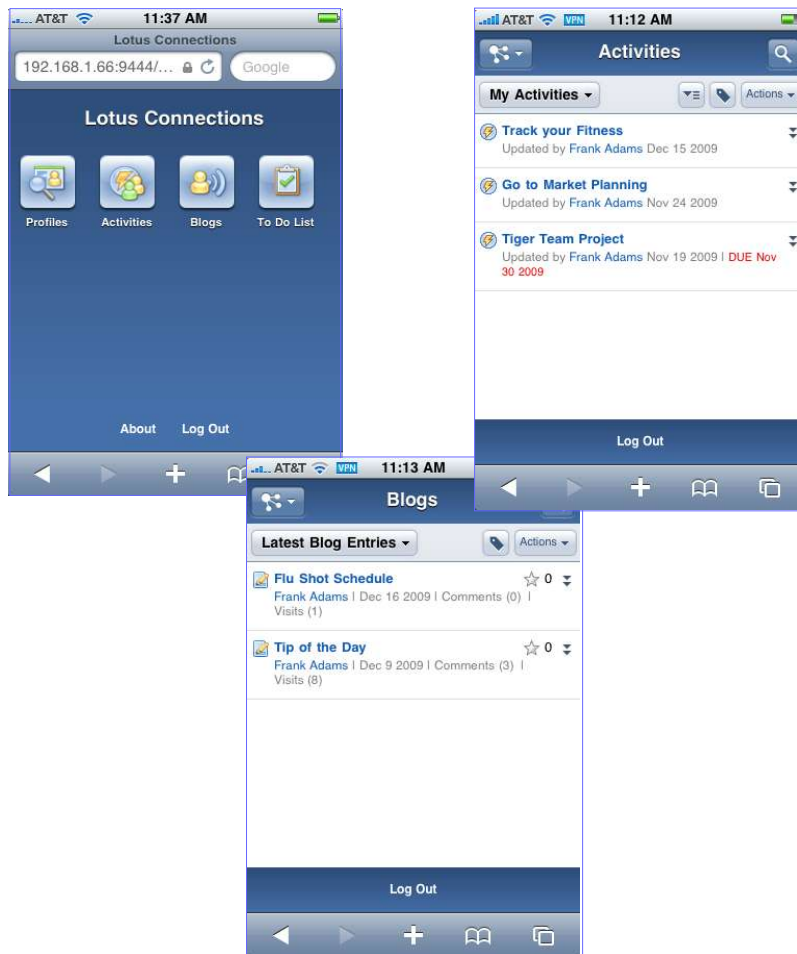
- Universal Managed client Software
- Client on Windows, Linux®, Mac, Symbian, Windows Mobile
- Offline access, data & application synchronization
- Toolkit for creating, deploying, and maintaining both mobile and rich client applications
- Leverage open standards (Eclipse)





# Lotus Connections for mobile devices

Profiles, Blogs, and Activities for iPhone, Blackberry\* and Nokia mobile devices

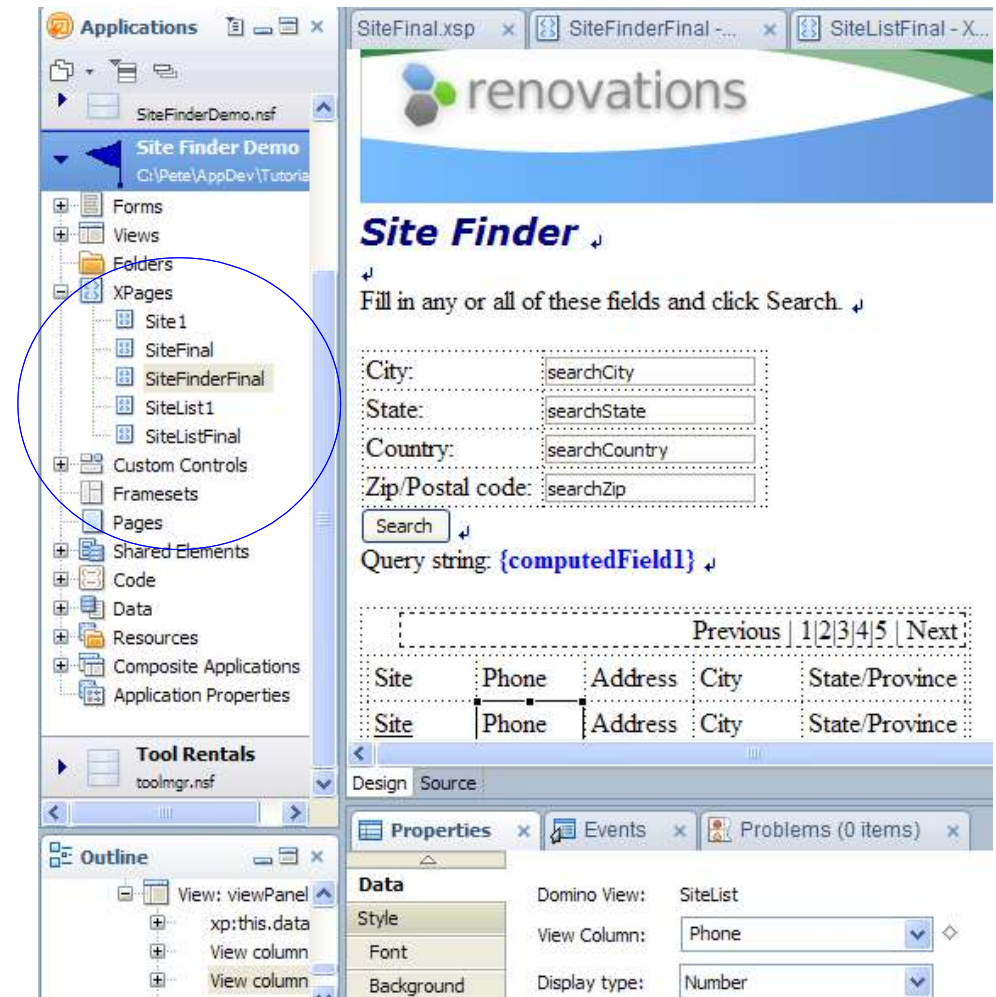


- Web application - Available w/ Connections 2.5
  - iPhone, iPhone 3G(S), iPod Touch, and Nokia S60 3<sup>rd</sup> & 5<sup>th</sup> edition devices
- Profiles
  - Search and View colleagues, with status and contact info
  - View report to chain and people managed
  - View an individual's profile info, and invoke dialer or mailer
  - Update your profile status
- Blogs
  - View blogs, recent activity on your posts, and recently posted blogs
  - Start a blog or add entries/comments to existing blogs
  - View notifications or featured/recommended entries
  - Search for blog entries by tag or by entering search criteria
- Activities
  - View to-dos and Activities by category, date, owner, or section
  - View Activity members and details
  - Add/edit/delete Activities and entries

\* Blackberry Connections client available from RIM.

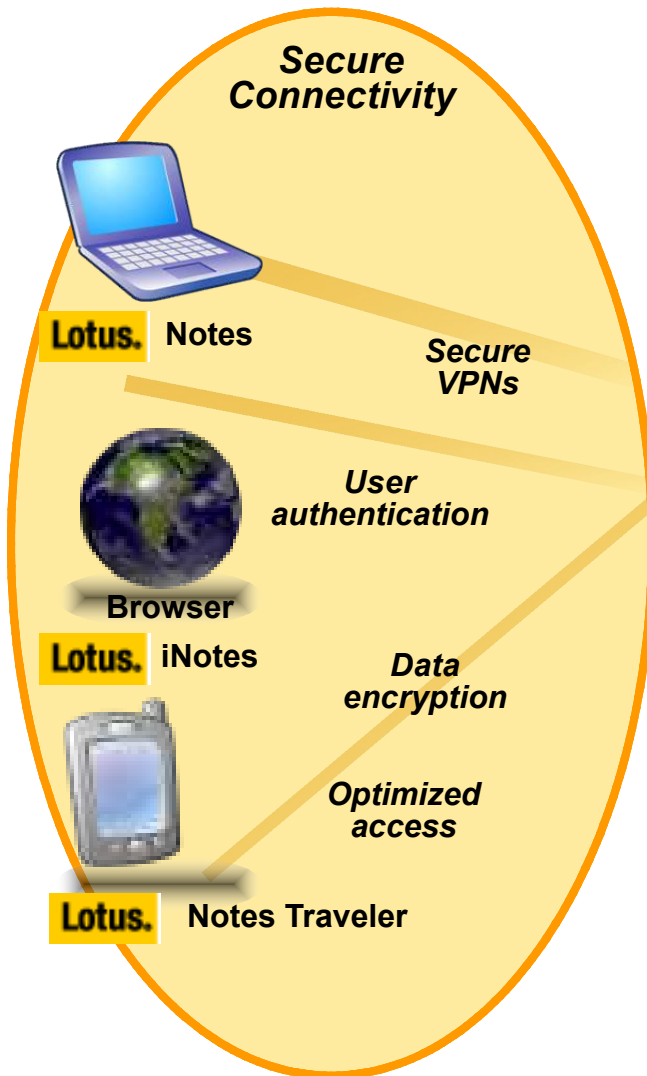
## From Cool Tools... Cool Pages... XPages

- ? Visual Web page construction
  - ▶ Advanced U/I controls
  - ▶ Drag and drop development
  
- ? Instant Application Development
  - ▶ XML markup with source
  - ▶ Full control of HTML
  - ▶ Presentation using CSS
  - ▶ Business logic using JavaScript
  
- ? Leverages existing NSF assets
  - ▶ Web agents, formulas, security,...



# Lotus Mobile Connect

## Secure Access to Information over transient networks



- **VPN solution supports all access points**
  - Desktop (client)
  - Handheld mobile device (client)
  - Browser (client – less)
  
- **Proven ROI - least cost routing & data optimization**
  
- **Secure end-to-end connect to corporate intranets**
  - Strong authentication and support for RSA Secure ID
  - End-to-end encryption- DES, Triple DES, RC5 and AES and FIPS 140-2 cert.
  
- **Linked value (integrated support)**
  - Lotus Notes Traveler, Lotus Sametime mobile
  
- **Supports multiple device platforms and devices**
  - Win32, Linux, Mac, Symbian, Windows Mobile, Apple iPhone (client-less)
  
- **Scalable and Reliable**
  - Supports gateway clustering, and can distribute across multiple sites

# Extending Mobile Business Collaboration

The IBM Lotus Ecosystem

Extended Partnerships with Software Vendors, Mobile Manufacturers and Operators



*\* Provided by IBM Business Partners, may require additional purchase.*

# Agenda

- Lotus Mobile Approach
- Lotus Mobile Product Roundup
- Lotus Mobile Product Roadmaps



# Lotus Notes Traveler Top Requirements

- Linux server
- iPhone meeting invitations
- iPhone device management: password, password length, etc
- Corporate directory search for Nokia and Windows Mobile
- Single HTTP/S Data Channel (no ports needed beyond 80/443)
- Automatic client software update
- Scheduled sync
- Windows Mobile 6.5
- Android client



# Lotus iNotes Top Requirements

- Symbian Series 60 device support
- Android device support
- View sorting
- Quick find
- Folder navigation
- Attachment upload
- Alternate name support
- Reply with rich text





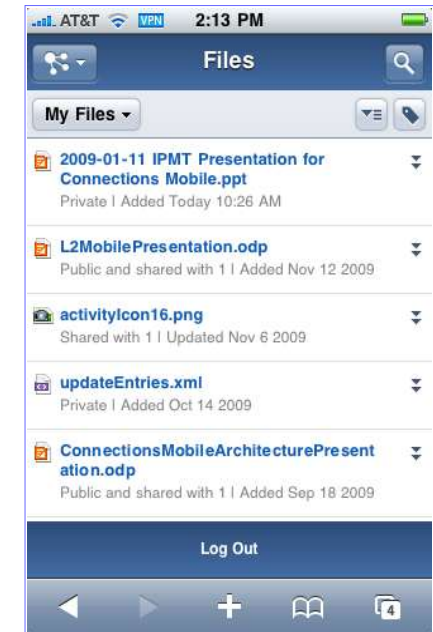
# Sametime Mobile Top Requirements

- Images
- SUT
- Native Nokia client
- Native iPhone client
- Native Android client
- A/V
- Mobile Meetings



# Connections Mobile Top Requirements

- Android browser support
- Files
- Bookmarks
- Communities
- Profiles enhancements
- Homepage enhancements
- Wikis



# Reference Material

# Lotus Knows BlackBerry



Enterprise grade email / PIM  
**BlackBerry Enterprise Server & Lotus Domino**



Finding Expertise / Delivering Results  
 Social Networking for Business  
**BlackBerry Client for Lotus Connections**



Real time collaboration  
**BlackBerry Client for Lotus Sametime**



Productivity: Documents, Presentations, Spreadsheets  
**Lotus Symphony**



Extending Applications out to the BlackBerry Platform  
**Domino Designer with BlackBerry Mobile Data Services**



Deliver Personalized Content to Mobile Users  
**Mobile Portal Accelerator**



# Nokia Connecting People



Push eMail, Web Mail and secure VPN  
**Lotus Domino (Lotus Notes Traveler)**



Finding Expertise / Delivering Results  
 Social Networking for Business  
**Lotus Connections**



Real time collaboration  
**Lotus Sametime**



Deliver Personalized Content to Mobile Users  
**Mobile Portal Accelerator**



Mobilize Domino applications  
**Domino Designer with Xpages (Prototype)**

# The iPhone Goes to Work



Push eMail, Web Mail and secure VPN  
**Lotus Domino (Lotus Notes Traveler)**



Finding Expertise / Delivering Results  
 Social Networking for Business  
**Lotus Connections**



Real time collaboration  
**Lotus Sametime**



Mobilize Domino applications  
**Domino Designer with Xpages (Prototype)**



Deliver Personalized Content to Mobile Users  
**Mobile Portal Accelerator**

# IBM Lotus mobile solutions by device

	Description	RIM BlackBerry	Windows Mobile	Nokia Symbian	Apple iPhone
Lotus Notes Traveler	Wireless replication of mail, calendar, contacts, tasks, journal		x	x	x
Lotus Expeditor	Managed client; offline access, data & application synchronization		x	x	
Lotus iNotes ultra-light	Web access to mail, calendar, contacts				x
Lotus Sametime	Instant messaging, presence awareness, location awareness, business card view, click-to-call	x	x	x	x
Lotus Connections	Profiles, Activities, Blogs	x (from RIM)		x	x
Lotus Mobile Connect	Mobile VPN (client and client-less)		x	x	x (client-less VPN)
Mobile Portal Accelerator (supports > 5500 devices)	Multichannel access of portal content; Write once, render on multiple devices	x	x	x	x

## Push email options for Lotus Domino

Note: This changes quickly and is not comprehensive.

	IBM Lotus Notes Traveler	RIM BlackBerry Enterprise Server	CommonTime mSuite	Good Mobile Messaging	Sybase OneBridge
Push email	X	X	X	X	X
PIM sync: calendar, contacts, journal, tasks	X	X	X	X	X
Device platforms	Nokia Symbian, Windows Mobile, Apple iPhone	BlackBerry, BlackBerry Connect (Nokia Symbian, Windows Mobile)	Nokia Symbian, Windows Mobile, Apple iPhone	Nokia Symbian, Windows Mobile, Apple iPhone	Nokia Symbian, Apple iPhone, Windows Mobile, OMA Data Sync clients
Over the air encryption/security (AES, FIPS 140, etc.)	X (LMC or Partner)	X	X	X	X
Remote wipe / lock, policy monitoring and enforcement (* - except iPhone)	X *	X	X	X	X
Over the air provisioning (no desktop)	X	X	X	X	X
On premise or Network Operation Center	On premise	NOC	On premise & NOC	NOC	On premise
Global directory search	<i>Planned for future release</i>	X	X	X	X
Support for offline Domino apps		MDS + Domino web services	X		X
Support for Domino applications (browser)	Xpages/Designer	Pending	Xpages/Designer	Xpages/Designer	Xpages/Designer
Hosting available from IBM GTS	X	X	X	X	X



## More Information

Software > Lotus >  
**Mobile and wireless**  
 Access the information you need -- anytime, anywhere.

**IBM and Research In Motion®**  
 Working together to provide collaboration on the go  
 → Learn more

**We're here to help**  
 Easy ways to get the answers you need.

- Call me
- Request a quote
- E-mail IBM

or call us at:  
 1-800-465-6887  
 Priority code: 104C8W74

Take your desktop with you with software to extend messaging, communication and collaboration for use on mobile and wireless laptops and handheld devices -- so you can be productive wherever you are.

- Synchronize your e-mail, calendar and contacts with Lotus® Notes® Traveler or Lotus EasySync Pro software.
- Connect and share while you're on the go using realtime communications with Lotus Sametime software and social networking tools with Lotus Connections.
- Use security-rich access to resources with Lotus Mobile Connect software.
- Have your IBM Lotus Domino and IBM WebSphere® Portal and WebSphere applications available -- with Lotus Expeditior software -- even when you're mobile.

**Mobile and wireless products**

- IBM Lotus Expeditior**  
Develop and extend composite applications to managed clients - online or offline, even for mobile employees - with this client integration software.
- IBM Lotus Mobile Connect**  
Provide security-rich mobile access to email, PIM and business applications. The follow-on release of WebSphere Everyplace Connection Manager.
- IBM Lotus EasySync Pro**  
Access IBM Lotus Domino e-mail and PIM from many handheld devices.

**Demos**  
 → Lotus Mobile Connect  
 → Lotus Expeditior for mobile employees and mobile devices

**SEE DO HEAR**  
 Lotusphere Comes to You 2008  
 → Register now for an event near you!

Software > Lotus >  
**Lotus Notes and Domino**  
 Collaboration solution for personal and organizational effectiveness

**EXPERIENCE THE DESKTOP OF THE FUTURE, TODAY**

→ See what's new in IBM® Lotus® Notes 8.5.1  
 → View by site  
 → More information on IBM® Lotus® Notes 8.5.1

**Why IBM for your collaboration success**  
 A collaboration solution that can help people effectively share and manage information, make business decisions quickly, and share critical information.

**Lotus Notes & Domino overview**  
 Lotus Notes and Domino software can help simplify the way you work and increase productivity.

**IBM Lotus Domino**  
 A collaboration solution for email and collaboration.  
 → Learn more  
 → Download the trial  
 → Download Lotus 8.5.1

**IBM Lotus Notes**  
 World class email, calendar, scheduling, collaboration, and business workflow.  
 → Learn more  
 → Download the trial  
 → Download Lotus 8.5.1

**IBM Lotus Domino Web Access**  
 A transparent Web-based email and collaboration solution for mobile devices.

**IBM Lotus Sametime**  
 Your onramp to Unified Communications and Collaboration

**COMMUNICATE IN THE BLINK OF AN EYE**

- Enterprise instant messaging
- Web conferencing
- Unified Communications and Collaboration

**Why IBM for Unified Communications and Collaboration**  
 IBM calls it UCC™-integrated presence, IM, email, telephony, Web conferencing, audio/video--all working together & which can be mashed up with almost any other software.

**The Lotus Sametime Family**  
 Lotus Sametime provides the choices and the capabilities that organizations of all sizes need to work together in real-time.

- Lotus Sametime Standard**  
The market-leader and award-winner.  
→ Learn more
- Lotus Sametime Advanced**  
Advanced personal, team and community collaboration.  
→ Learn more
- Lotus Sametime Entry**  
Get started with instant messaging, cost effectively.  
→ Learn more
- Lotus Sametime Unity**  
Powerful, easy to use web conferencing service.  
→ Learn more

**What's in store?**  
 IBM has big plans for the future of Lotus Sametime.  
 → Learn more

**Something for everyone**

- Users
- IT managers
- Developers
- Telephony managers

**Lotus Sametime cool stuff**

**Video:**  
 Don't try this at work.  
 → More cool stuff

www.ibm.com/software/lotus



Mobile and enterprise access solutions  
 White paper  
 April 2008

**IBM**

**Lotus software**

**Stay connected: A successful mobile device strategy drives productivity.**

**Lotus Connections**  
 Expertise within Reach.

**Discover Expertise. Deliver Results.**

**Why IBM for social software**  
 IBM Lotus Connections is a social software for business that empowers you to be more productive and helps you create more sticky by using dynamic networks of coworkers, partners and customers.

**Lotus Connections features**

- Home page**  
See what's happening across your social network.  
→ Learn more
- Profiles**  
Find the people you need.  
→ Learn more
- Communities**  
Work with people who share common interests and expertise.  
→ Learn more
- Blog**  
Post your own blogs, and keep them up to date.  
→ Learn more
- Desktop**  
Save and share business data.  
→ Learn more
- Activities**  
Organize your personal and professional workflow.  
→ Learn more

**Learn about Lotus Connections**

- Product resources**  
→ Article: "Getting started" social software -- how IBM did it  
→ IBM Researcher for Lotus Connections: come to get you
- Micro-Social software for business**  
→ The Open Group: Lotus Connections Partnership for the Community of Business  
→ Product demo: IBM Lotus Connections

**Events**  
 → Enterprise 2.0  
 → Social, June 9-12

**Benefits**  
 → For end users  
 → For IT managers  
 → For executives  
 → For Lotus hubs users

**For IBM Business Partners**  
 → IBM provides global expansion to Business Partners  
 → Lotus Connections to IBM Business Partners

**Synchronizing with**  
 New Video: IBM Lotus Connections Tool Talk  
 → IBMers learn how to add Web feeds

Brochures  
 Demonstrations  
 Whitepapers  
 Events

# Thank You



**Lotus knows.**

Smarter software for a Smarter Planet.

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