Lotusphere 2006

ID122 Introducing Lotus Sametime 7.5

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Lotus Sametime 7.5 is a major upgrade in real-time collaboration

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Agenda

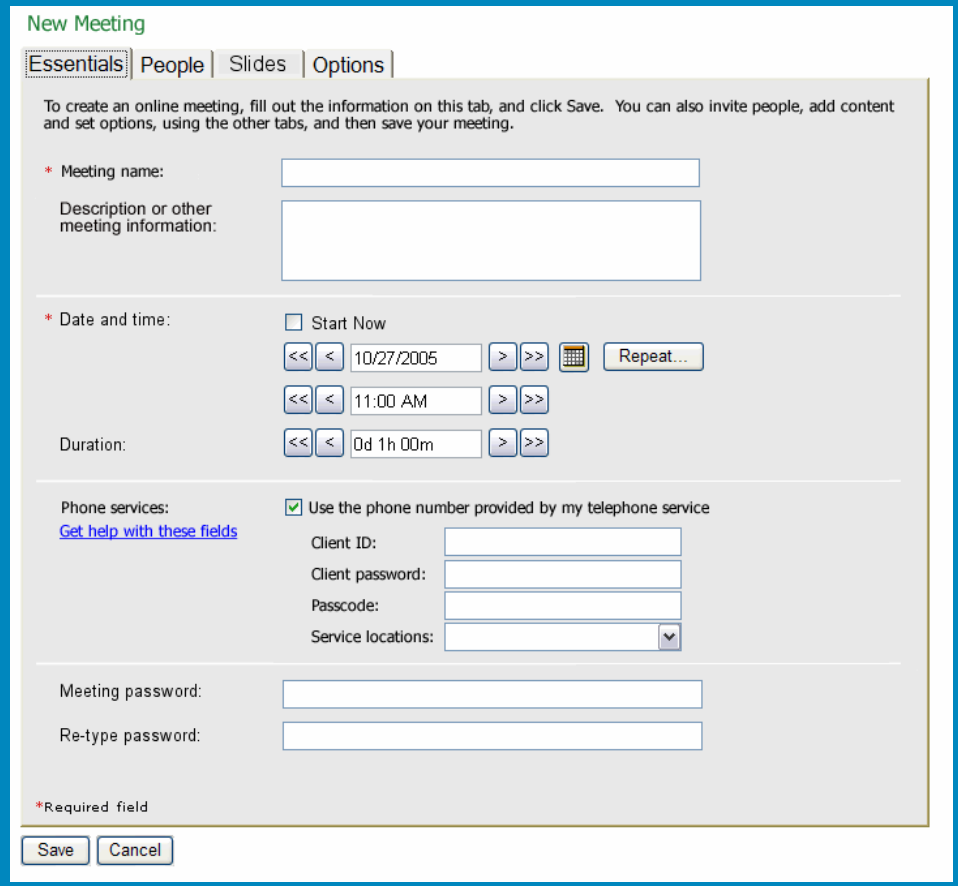
- Sametime 7.5 Web Conferencing Enhancements
- Sametime 7.5 Instant Messaging Enhancements
- Sametime 7.5 Real-Time Collaboration Gateway

Web Conferencing Themes

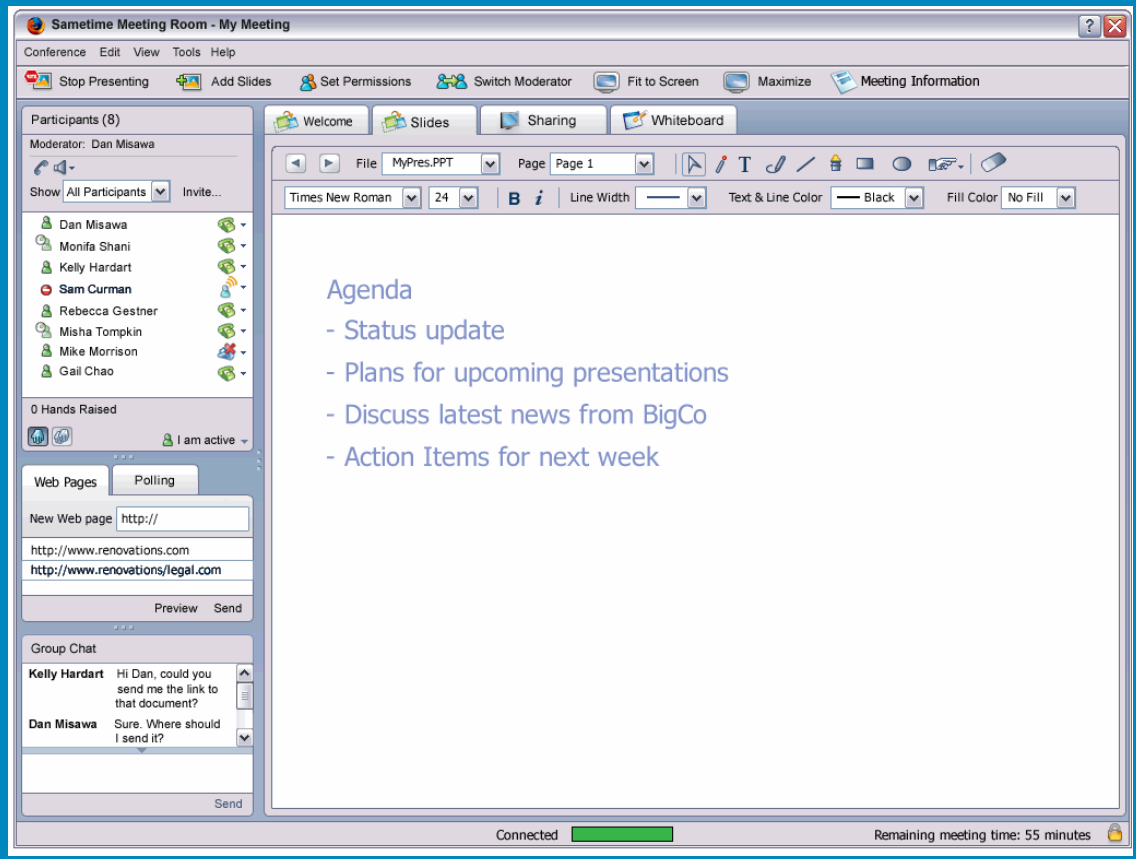
- Enhanced User Experience – creation and attending
- Improved Connectivity – better status and seamless reconnect

Meeting Creation

- **Essential data on the first tab**
- **Renamed tabs to minimize confusion**
- **Additional fields display if telephone service is available**



Meet Room Client Updated



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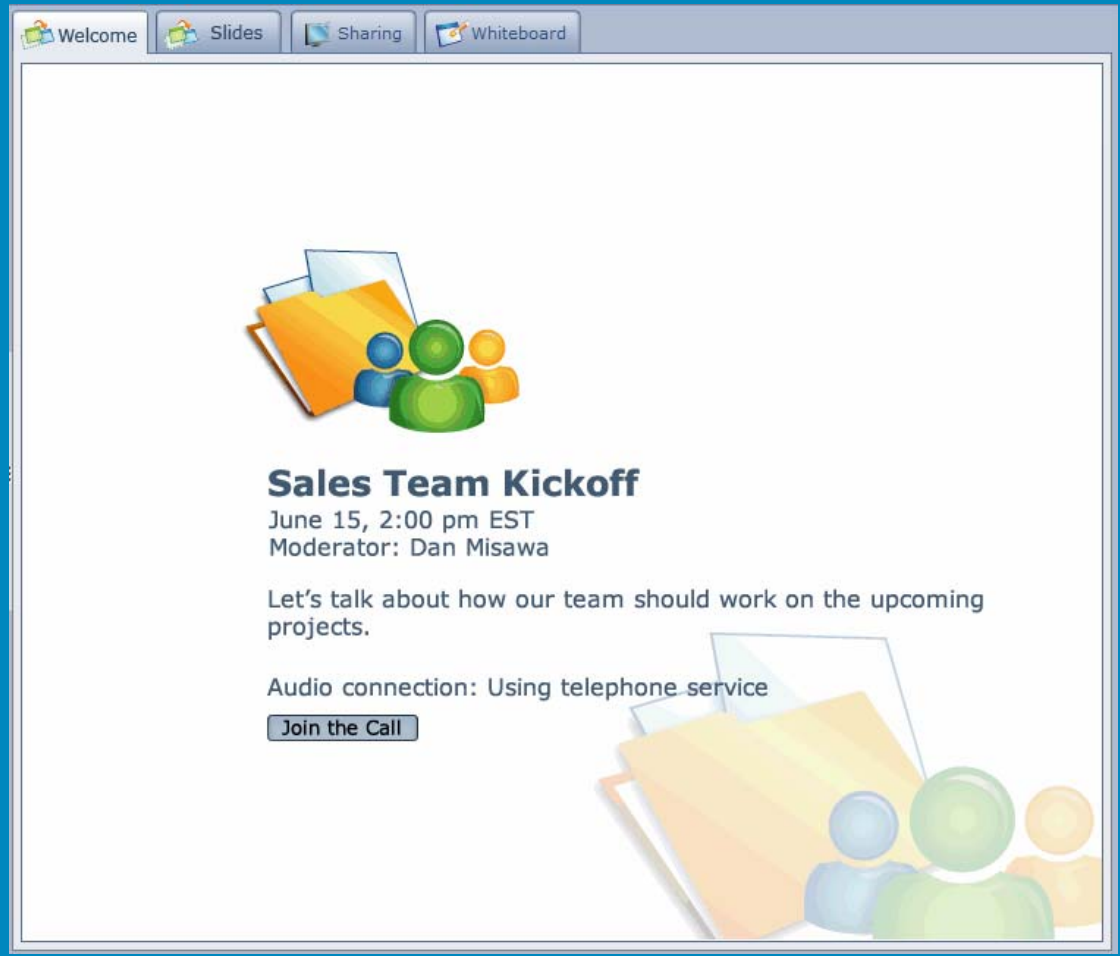
Welcome Page

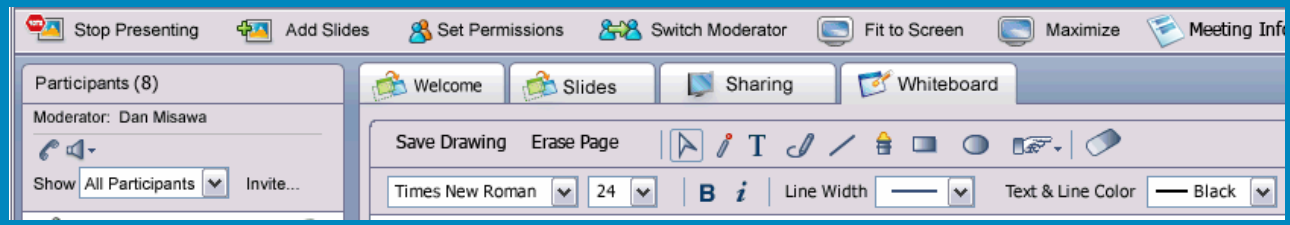
- **Improved experience when user first enters the meeting room**
- **Provides helpful information**
- **Sites can use different background graphic**



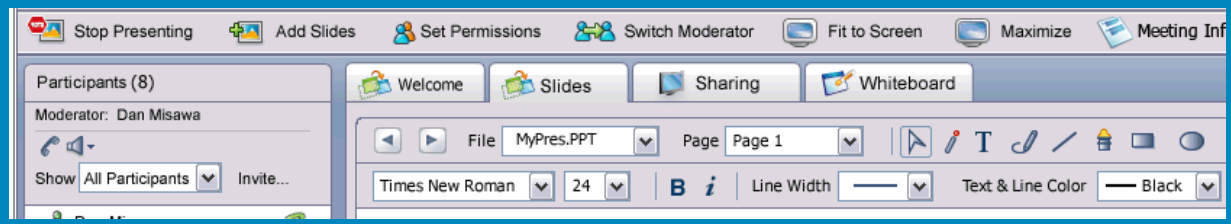
Slides versus Whiteboard

- **New Slides tab**
- **Annotation tools will be available with both**
- **Better location of “Add Slides” button**
  - **Page Down advances between multiple files**
- **Better slide conversion**

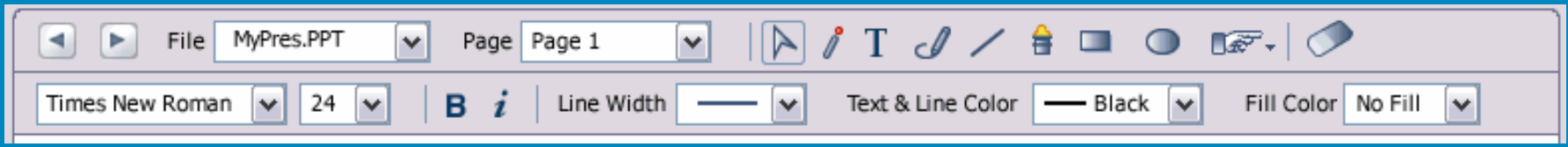
Whiteboard



Slides



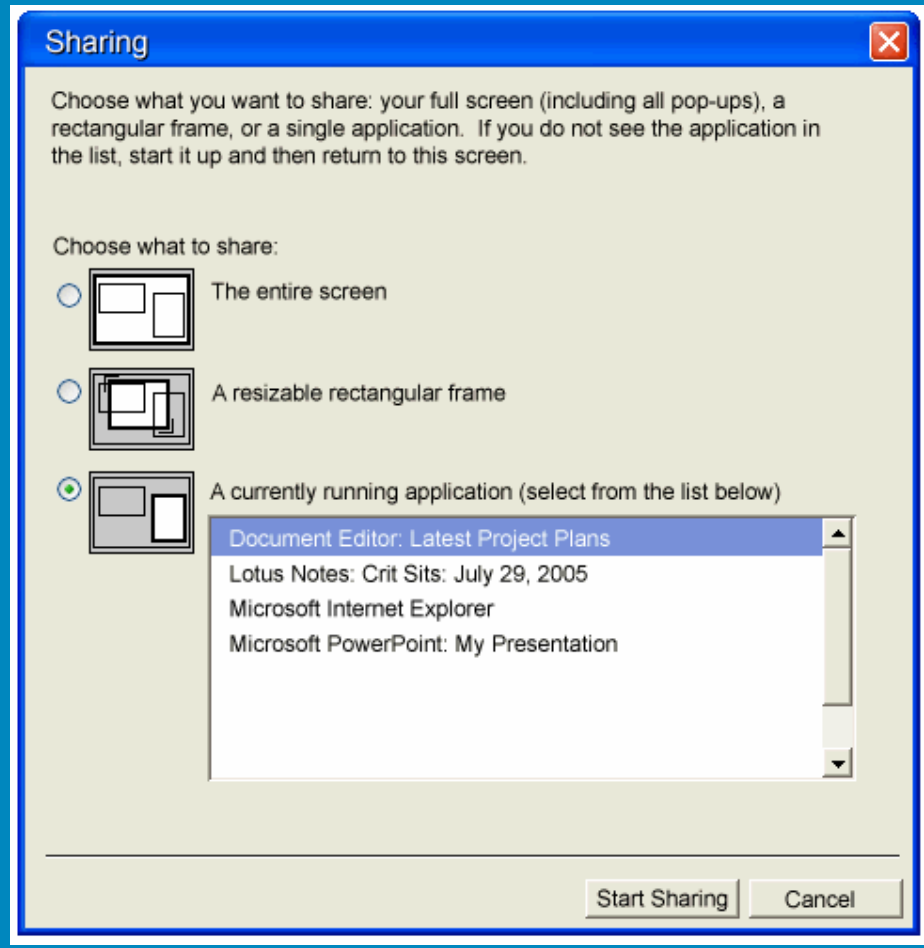
Annotation Tools



- Editable text
- New highlighter and laser pointer tools
- Modern set of annotation tools
- Easier line width and color controls

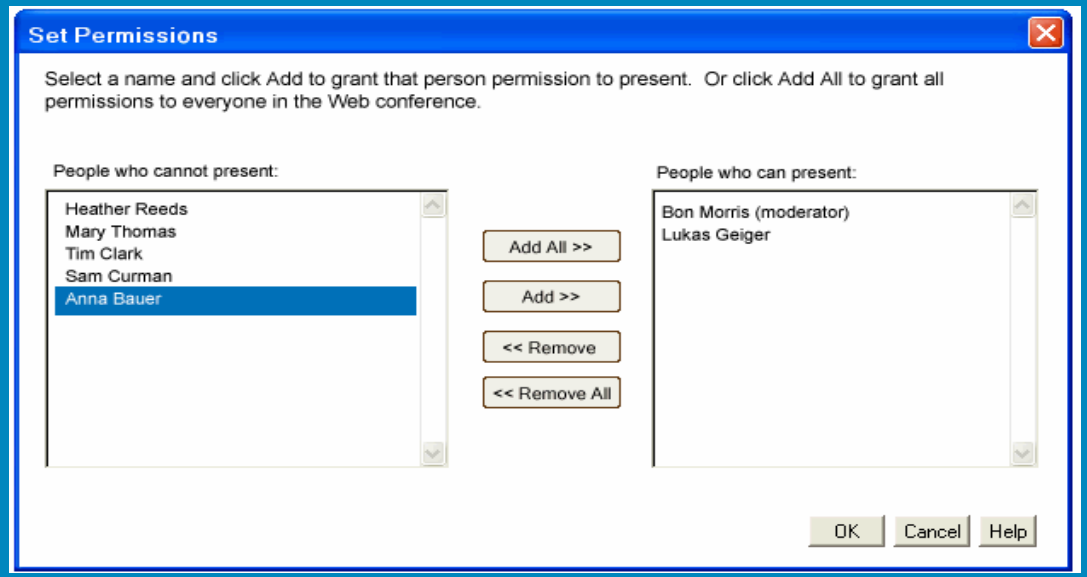
Sharing

- **Default will be application sharing, with correct handling of PowerPoint slide shows**
- **Person sharing can choose between high fidelity and high speed**



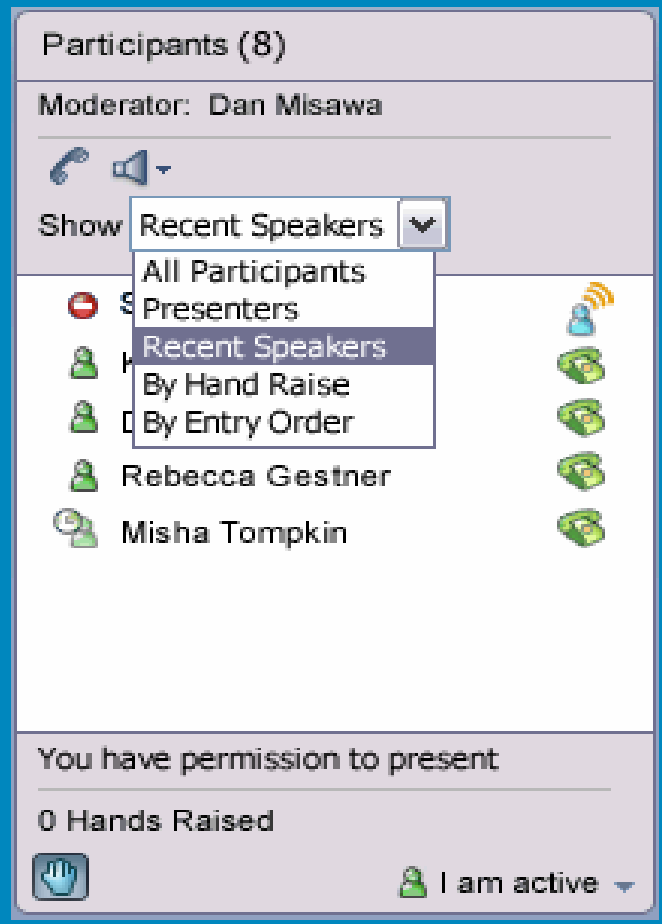
Setting Permissions

- **By default, everyone will come in with all permissions granted (default will be a server setting)**
- **New Permissions button**
- **Permissions UI:**



Participant List Views

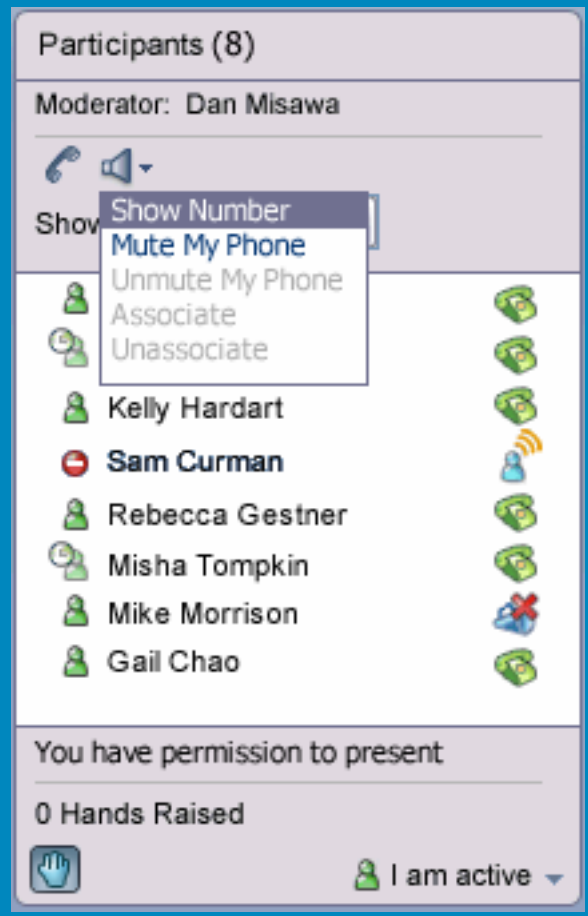
- Show drop-down provides convenient views – including the most recent speakers



Updated UI for Telephone Service in Meetings

- Users can see who is talking; presenters can mute noisy phones
- Convenient “Call Me” capability -- people entering the meeting click a button and have their phone ring
- Users have controls for their own phones

Participant view



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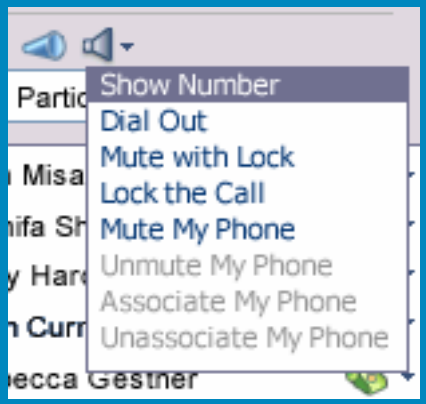
Moderator Telephone Service in Meetings

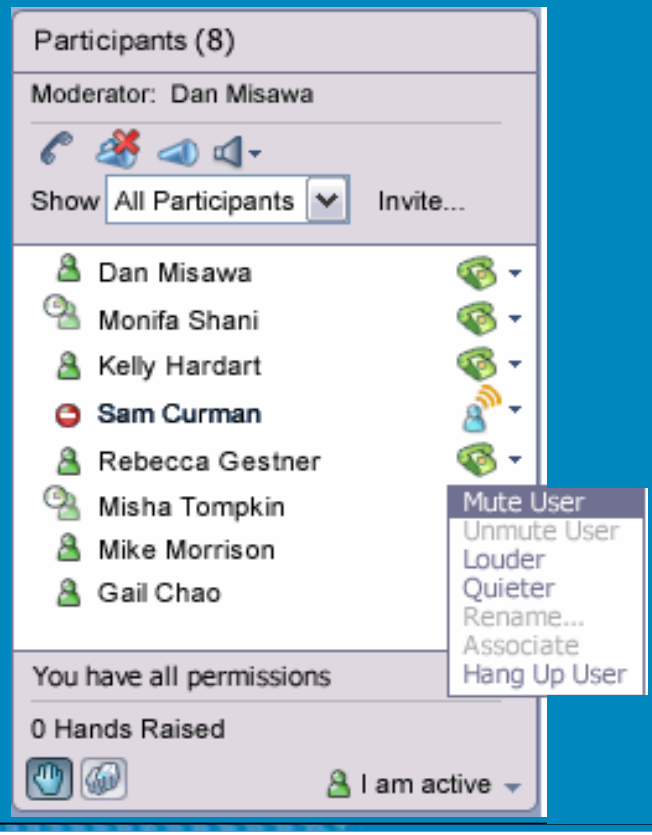
- Manage phone capabilities for the entire meeting

Drop-down menu for Moderator



- Control of individuals

Moderator view



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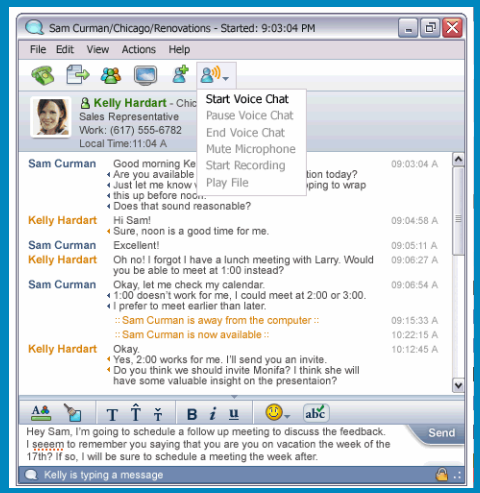
Extendable Telephony Service

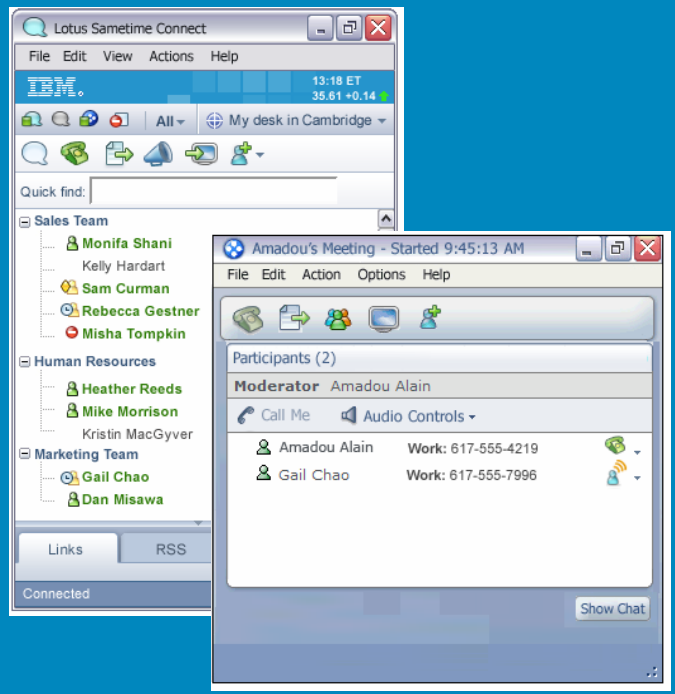
- Sametime 7.0 and N/D 7.0.1 – Audio integration with Web conferencing and click-to-call integration into the Connect Client and Lotus Notes
    - Avaya
    - *Other partner announcements at Lotusphere*
- Sametime 7.5 enables partners to expand on telephony integration
- Sametime 7.5 – Audio partners can opt to use the plug-in model for more extensive integration
    - Incoming call control
    - Soft-phone
    - *More capabilities*

Audio Integration

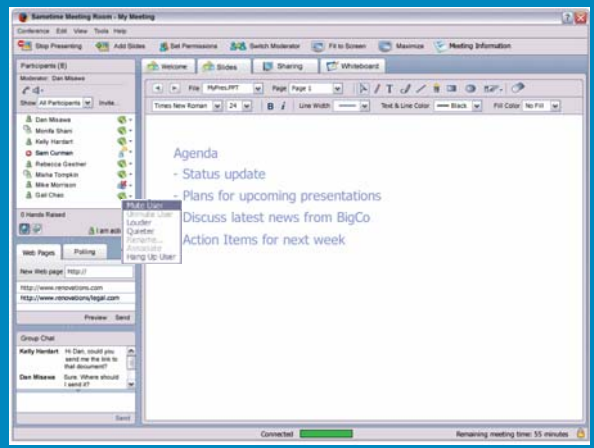
Click-to-talk



Click-to-call



Web Conf Integration



Users must be online and willing to talk through computer

Users can be offline, but need some kind of phone. Telephony adaptor must be present on server and connect to a telephony provider.

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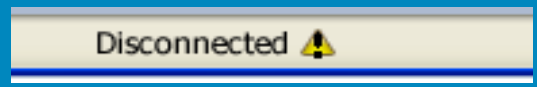
Web Conferencing Connectivity

- Better user experience
- Better pop-up co-existence
- Improved connection resilience

Web Conferencing Connectivity Startup

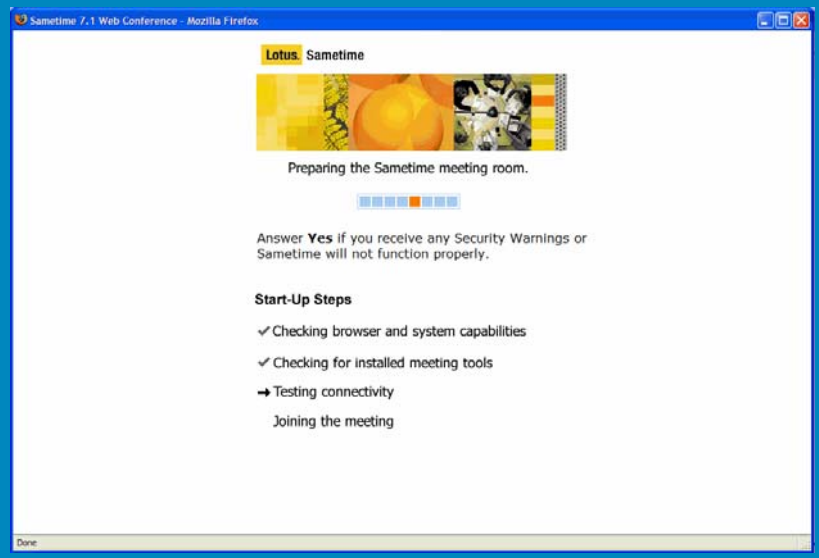
- Start up Meeting Room Client (MRC) and then establish connection
- If connection lost, MRC will stay running and reconnect in background, limiting meeting interruption
- Icons in the status bar will indicate the connection status



- If a problem occurs, a message will pop up, telling the user what to do

Web Conferencing Connectivity – Popup's

- Eliminate as many automatic popup's as possible
- Where non-user initiated popup's are needed monitor and give user feedback that the popup can't be launched
- Rework startup sequence to avoid popup's



Web Conferencing Connectivity Method

- Direct TCP connection tried as first option
- If fails, fallback to new http Hybrid polling (replaced old “chatty” polling):
  - More resilient fall back connectivity
  - Stateless, doesn’t require persistent connection (more fault tolerant)
  - Not previously available because of limitations in 1.1 JVM
  - Combined with persistent MRC, will result in faster reconnection

Meeting Room Client Requirements

- Sametime 7.5 Web conferencing is not expected to change PC hardware requirements
- Sametime 7.5 will require Sun Java 1.4 or later. (Sametime 6.5.1 used Microsoft 1.1 JVM, which Microsoft no longer supports.)

All images and features subject to change

Demo

Agenda

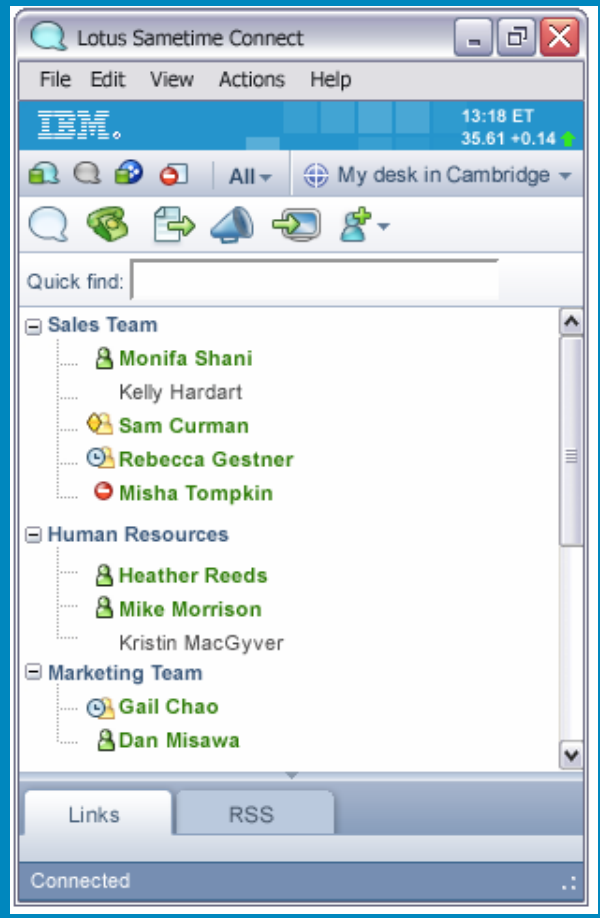
- Sametime 7.5 Web Conferencing Enhancements
- Sametime 7.5 Instant Messaging Enhancements
- Sametime 7.5 Real-Time Collaboration Gateway

Instant Messaging Themes

- Next-Generation client
  - Update IM user interface and user experience
  - Deliver extensible plug-in model
- Further enhance enterprise server
  - Improve monitoring and management capabilities
  - Support granular permissions

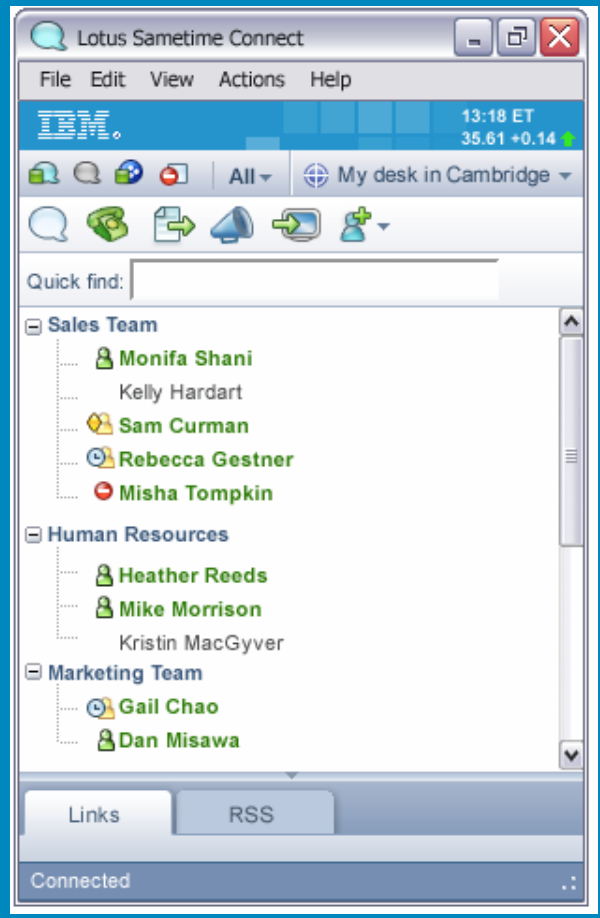
Connect Client

- Redesigned Connect Client
- Unified IM client
  - IM client for both Sametime and Workplace Collaboration Services
  - Unifies Sametime Connect Client and Java Connect Client
- Built on Eclipse framework
- Extensible via plug-ins



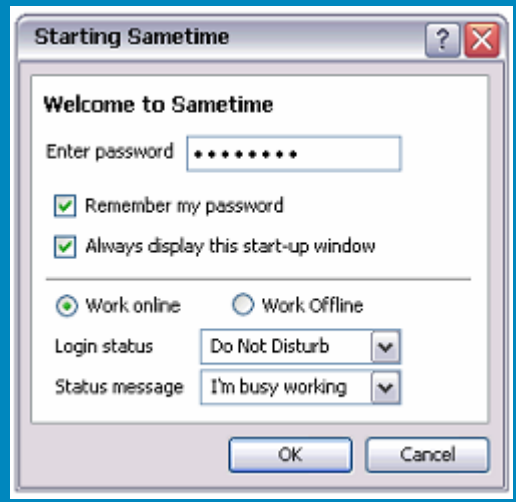
Connect Client Main Window

- New look & feel
- Customizable branding
- Multi-community support
- Selective “do not disturb”
- Automatic status change when enter web conference
- Location awareness
- Quick find
- Business card
- Mini-apps
- Extendable client



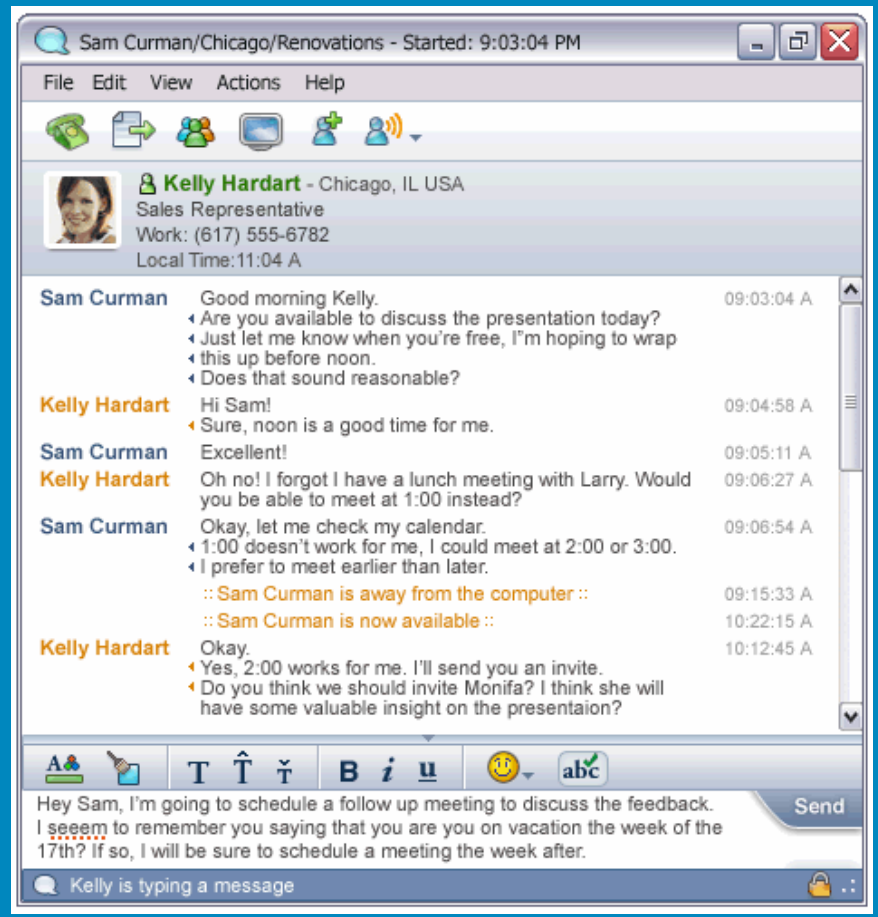
Connect Client Improved Logon

- Recognize network status before logging on
- Automatically try to log back in to Sametime if lose and then regain connection
- Set awareness state and message at login
- Option for desktop SSO
- Option to save only user ID rather than both user ID and password



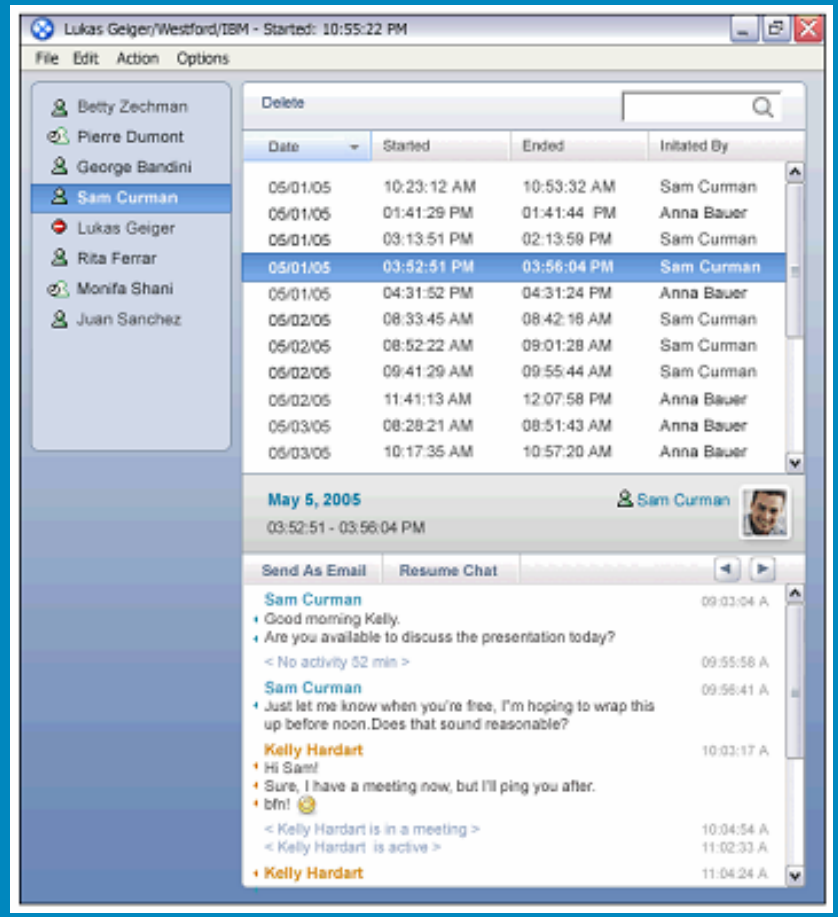
Connect Client Chat Window

- Partner's business card, location, phone & local time
- Time Stamps
- Rich fonts & Emoticons
- Spell checking on the fly
- Notes Links
- N-way chat late joiner history
- Print & print preview
- File Transfer with virus scanning
- Instant Image
- Click to talk



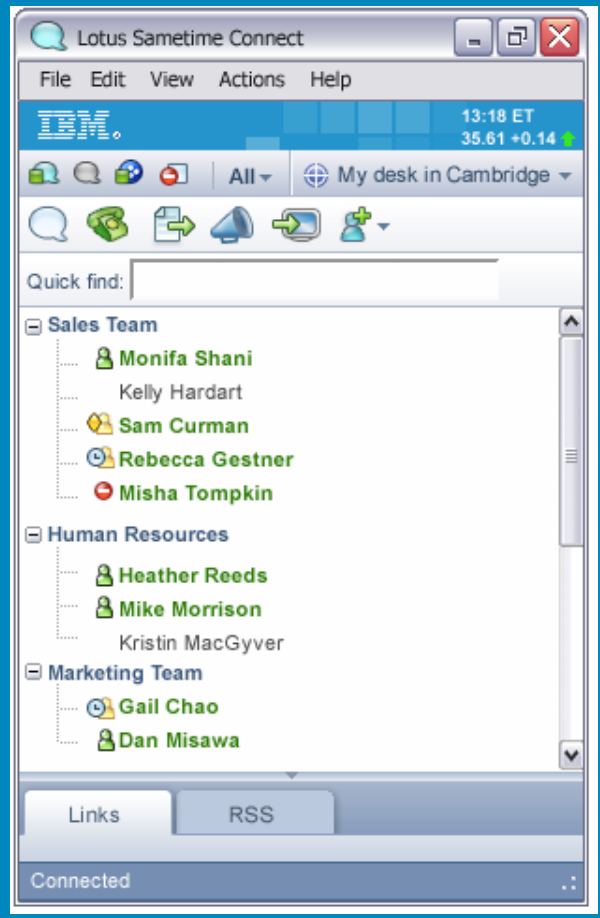
Connect Client Chat History

- Robust chat history capabilities
- User has option to automatically save, manually save, or not save
- Chat history saved locally
- Chat messages can be retrieved from a new “inbox” UI
- Administrators can turn off saved chat via policies



Connect Client Extensibility

- Launch your own application or tool from the client
- Embed mini-application in client
- Extend live names
- Add actions to the toolbars and menus
- Brand the client
- Replace the telephony integration
- Add new real-time functionality



Server Administration Enhancements

- Policy control on community server to enforce various rules and roles for individuals and groups
- New “Name Change” application when user names/e-mail addresses change
- New monitoring API that will allow for easier export of statistics to third party solutions

Demo

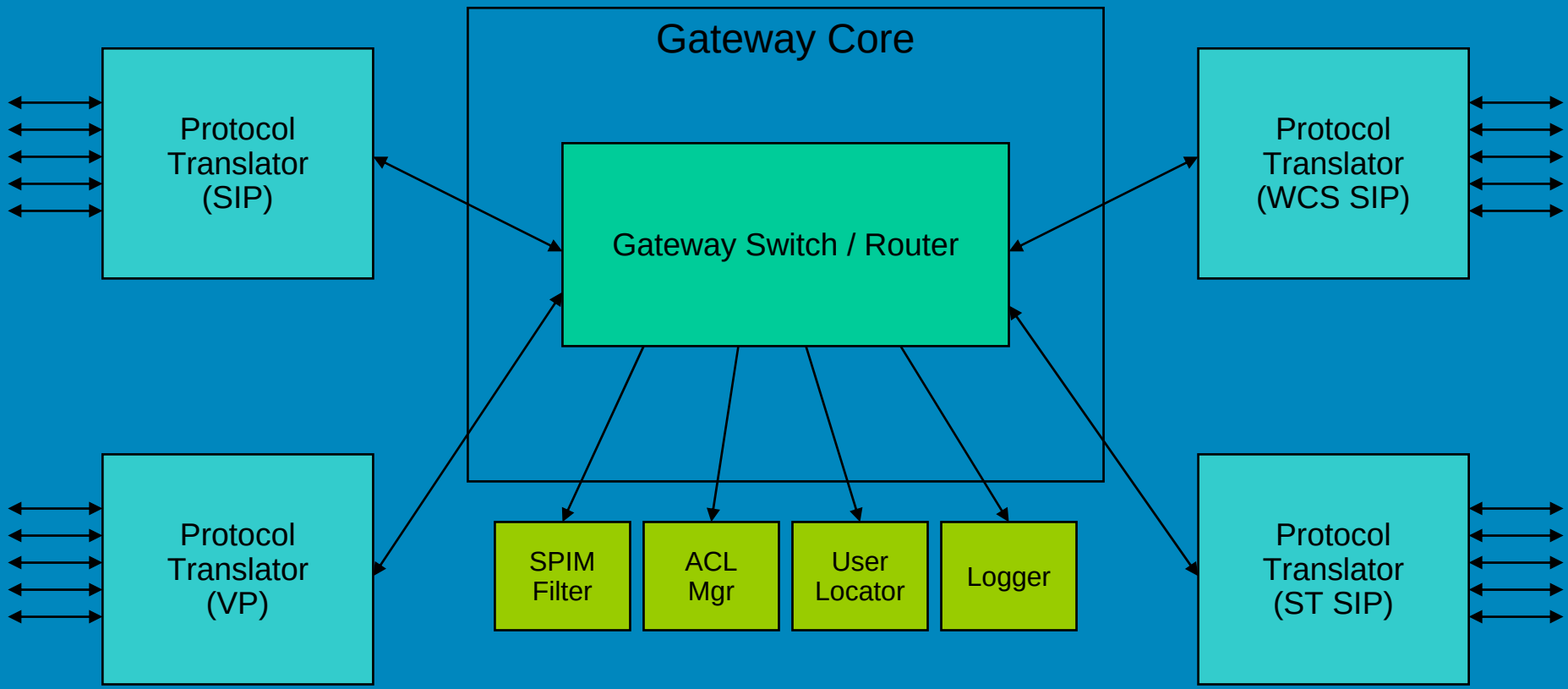
Agenda

- Sametime 7.5 Web Conferencing Enhancements
- Sametime 7.5 Instant Messaging Enhancements
- Sametime 7.5 Real-Time Collaboration Gateway

New Multi-Protocol Gateway

- Extensible platform, built on WebSphere, that allows real-time collaboration (RTC) communities (such as Sametime, Workplace, SIP, and public IM services) to share presence and interact with each other
- Management functionalities including policy enforcement and logging
- A plug-in technology allows IBM and third-party developers to enrich and customize the functionality

Gateway Architecture



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Gateway for Inter-Domain Interoperability

- Released with ST 7.5 or shortly after
- Supported protocol translators:
  - Sametime (VP protocol)
  - WCS (SIP based)
  - Sametime SIP (SIP Gateway)
  - 100% IETF compliant SIP
- Main Features:
  - Presence and IM
  - Allow/disallow domains
  - Scalability
  - Failover
  - Interoperability with, and migration from, existing SIP Gateway

Related Lotusphere 2005 Sessions

- IDI121- Real-time Collaboration Technical Roadmap
- INV303 Clash of the Titans: Convergence of Data, Voice, Video in Collaboration Tools

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Thank You for your time and interest in
Sametime 7.5
To see demo come to the lab

For more information…

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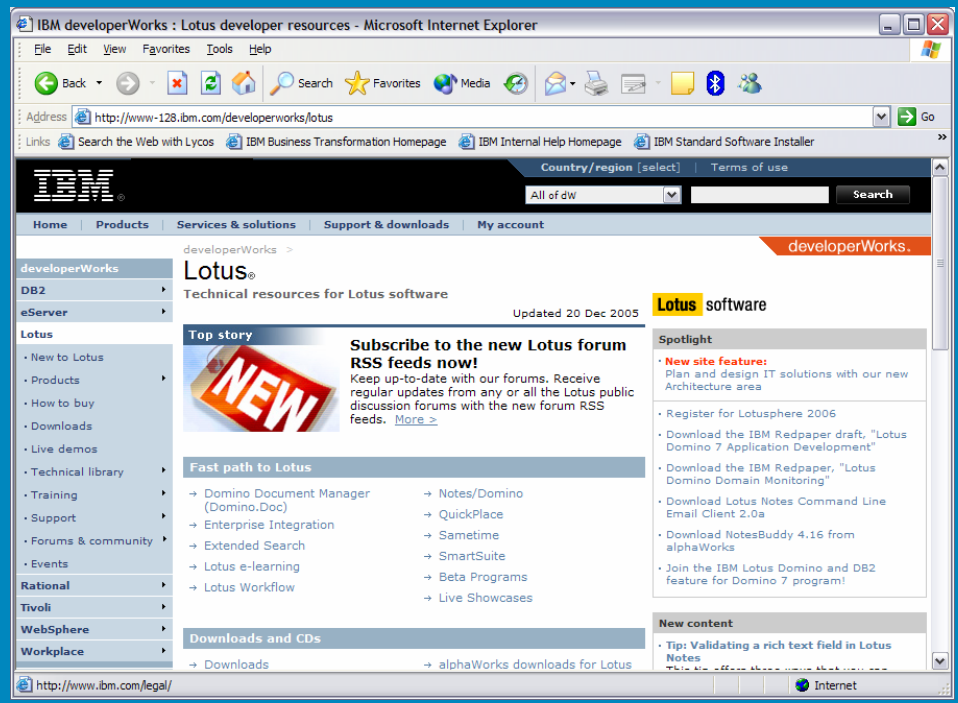

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