



SecureChat for MSN

Demo

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SECURE MESSAGING USING OUTBAND MODE AUTHENTICATION

Enhances instant messaging with authentication and confidentiality

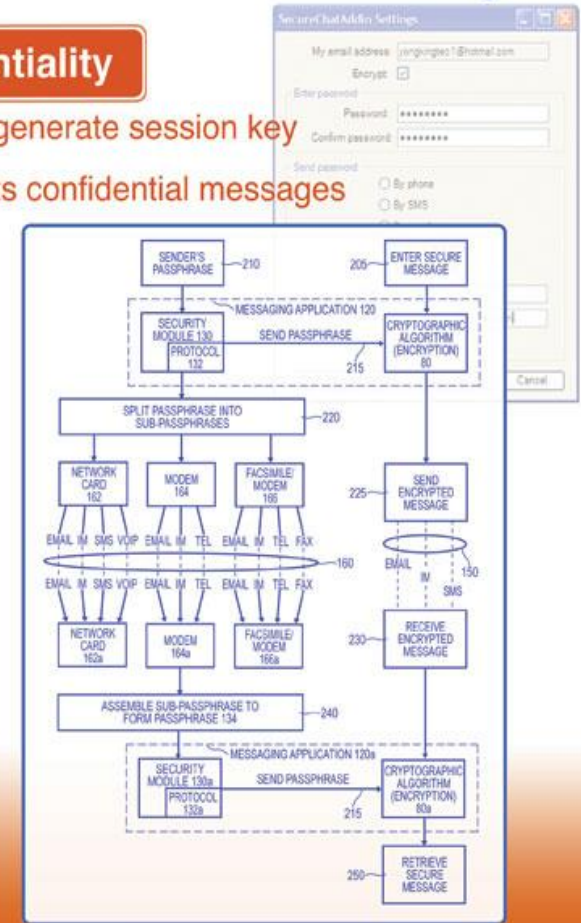
Multi-Factor Authentication

- Splits passphrase into sub-passphrases
- Uses multiple outband communication channels to exchange sub-passphrases
- Provides multi-factor authentication, with each channel contributing to one factor

Message Confidentiality

- Uses passphrase to generate session key
- Encrypts and decrypts confidential messages with session key

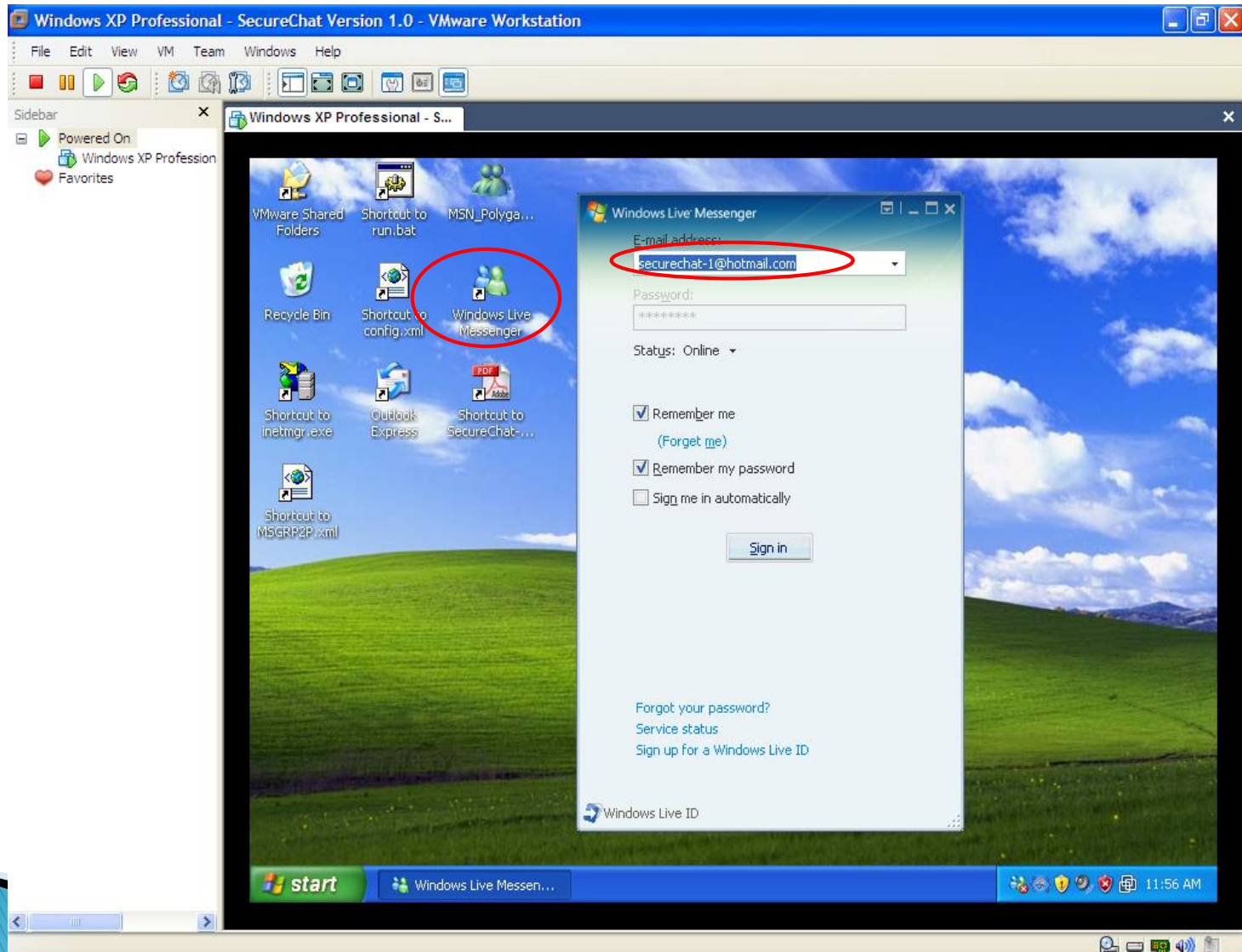
Instant Messaging



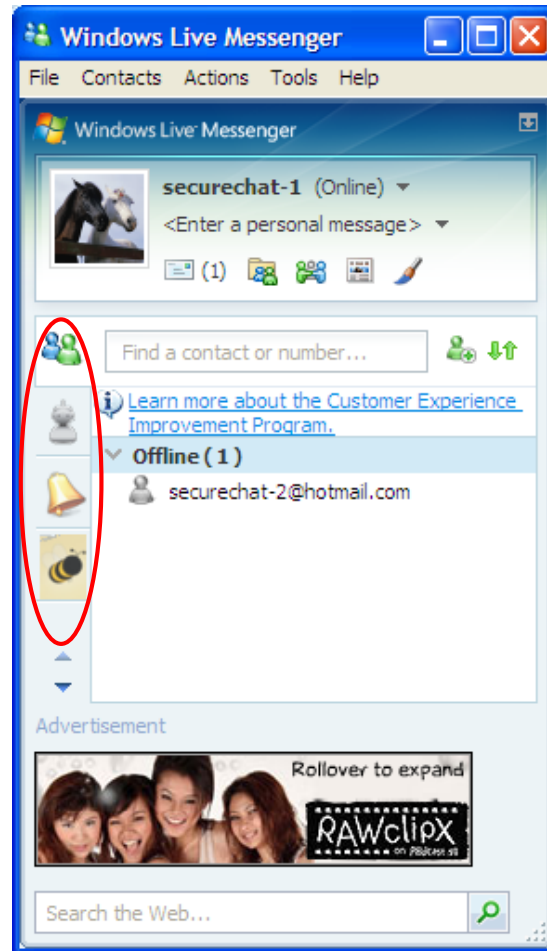
Partners:



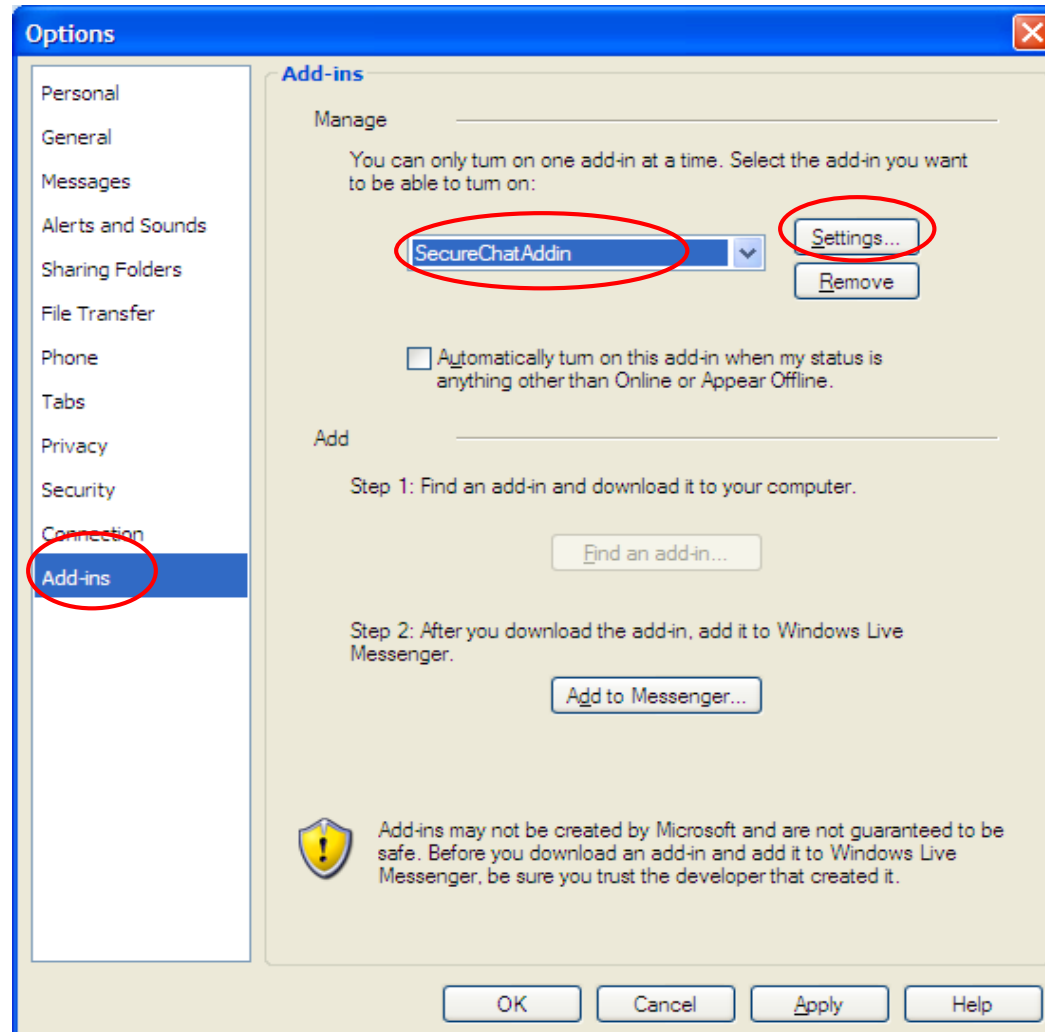
Logging In



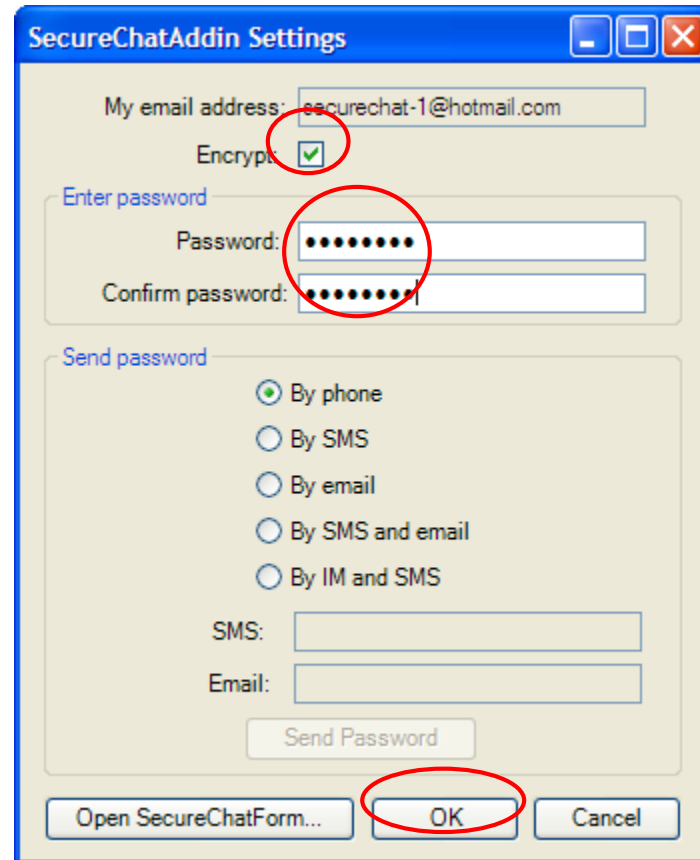
Loading SecureChat Addin



Loading SecureChat Addin



Setting Password



The image shows a Windows-style dialog box titled "SecureChatAddin Settings". It contains several input fields and a list of radio buttons. Red circles highlight the "My email address" field, the "Encrypt" checkbox, the "Password" and "Confirm password" fields, and the "OK" button.

My email address:

Encrypt: ☒

Enter password

Password:

Confirm password:

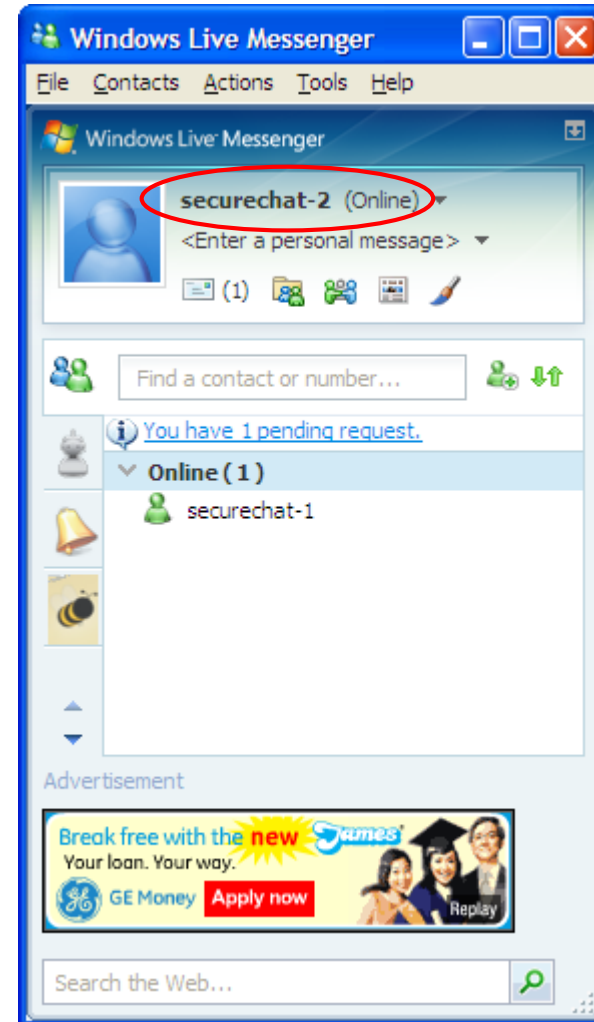
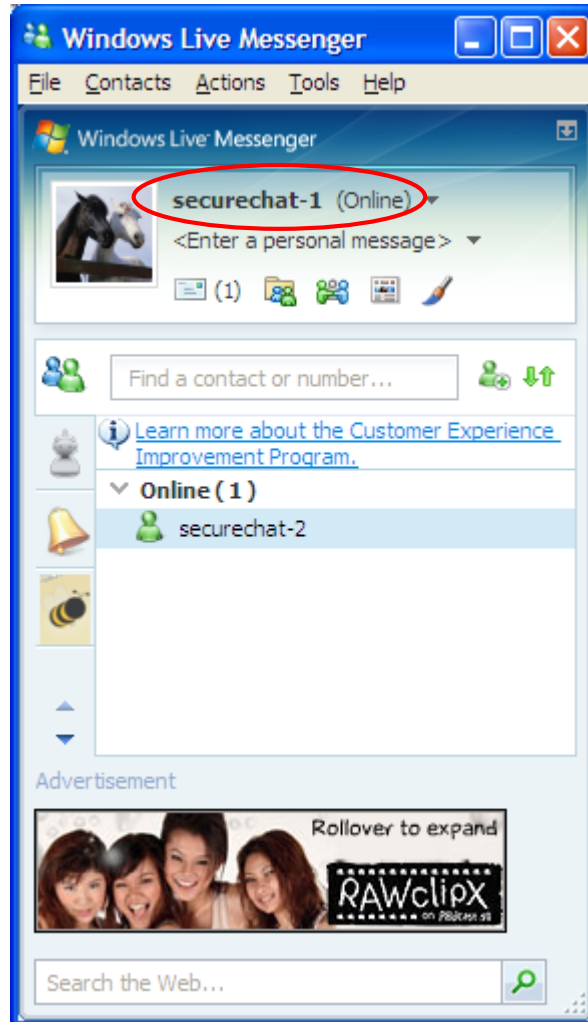
Send password

☒ By phone
☐ By SMS
☐ By email
☐ By SMS and email
☐ By IM and SMS

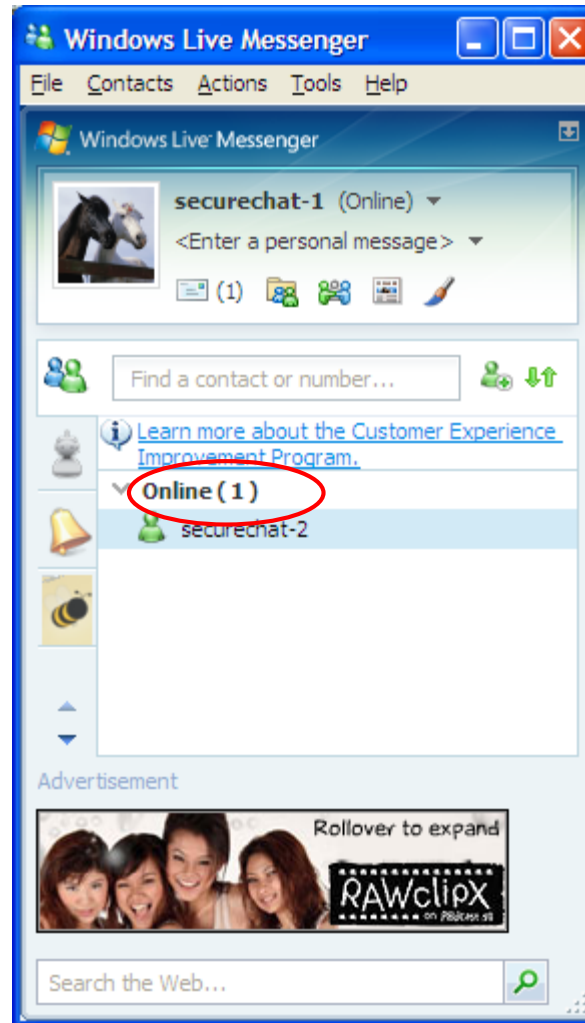
SMS:

Email:

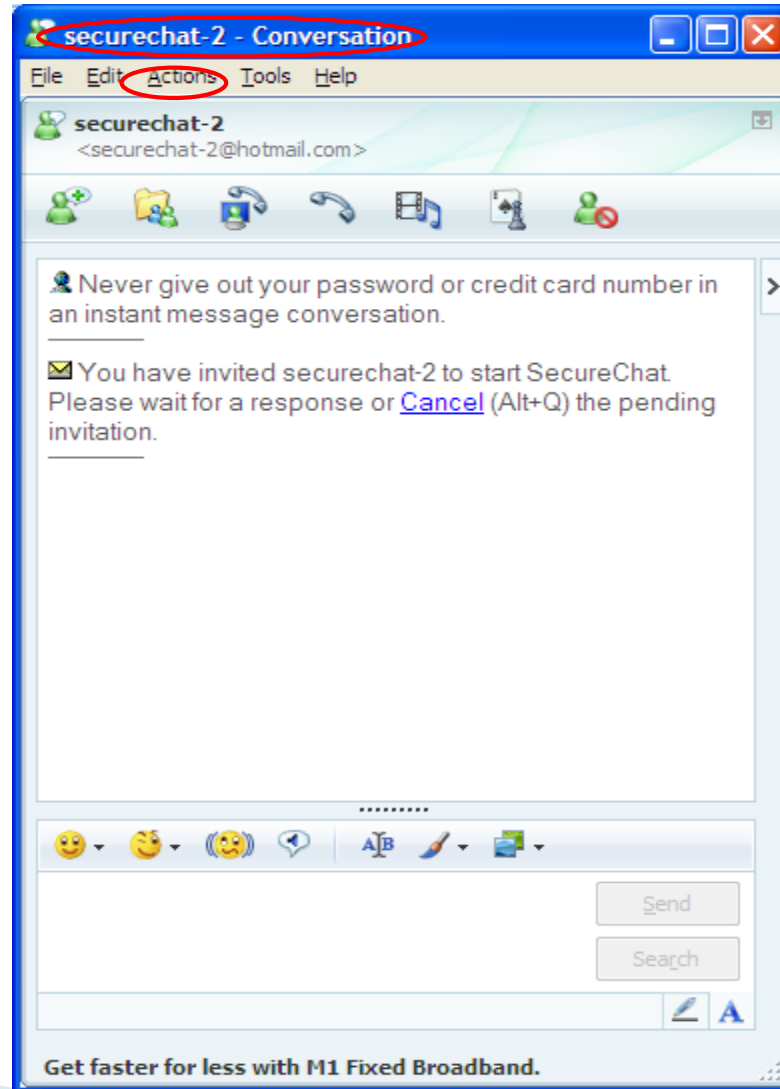
Activating SecureChat Addin



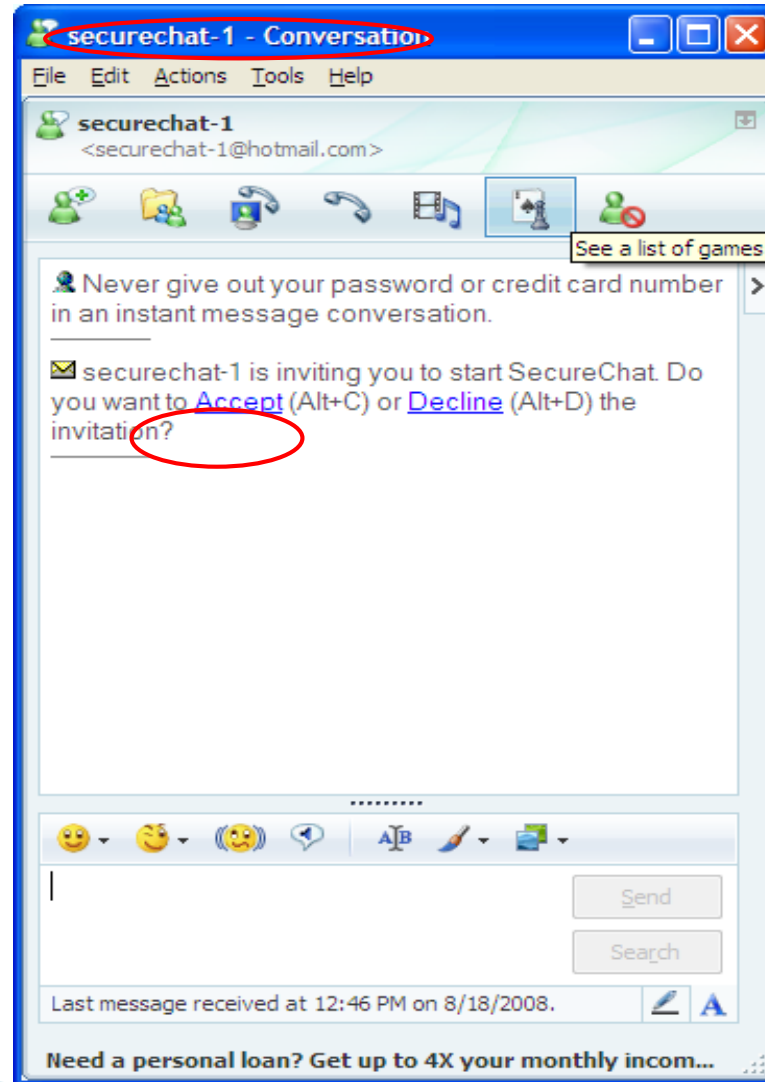
Initiating a Chat



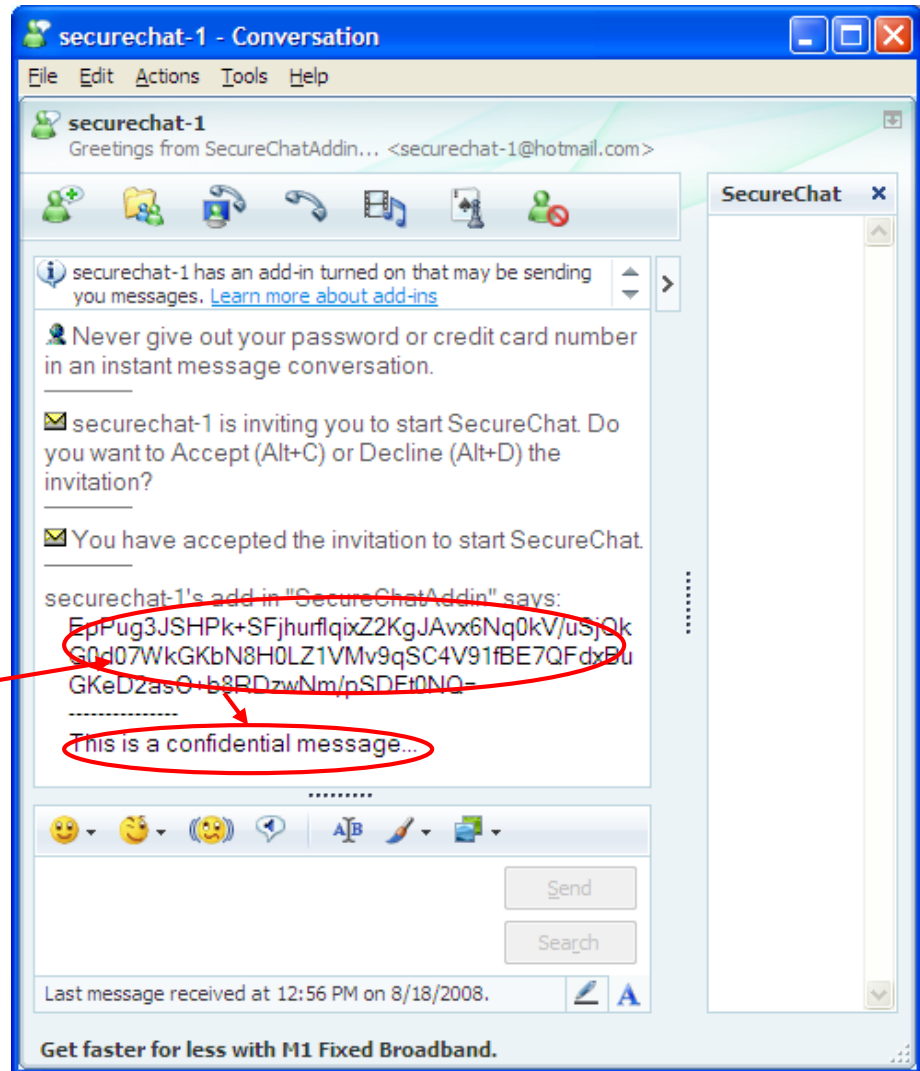
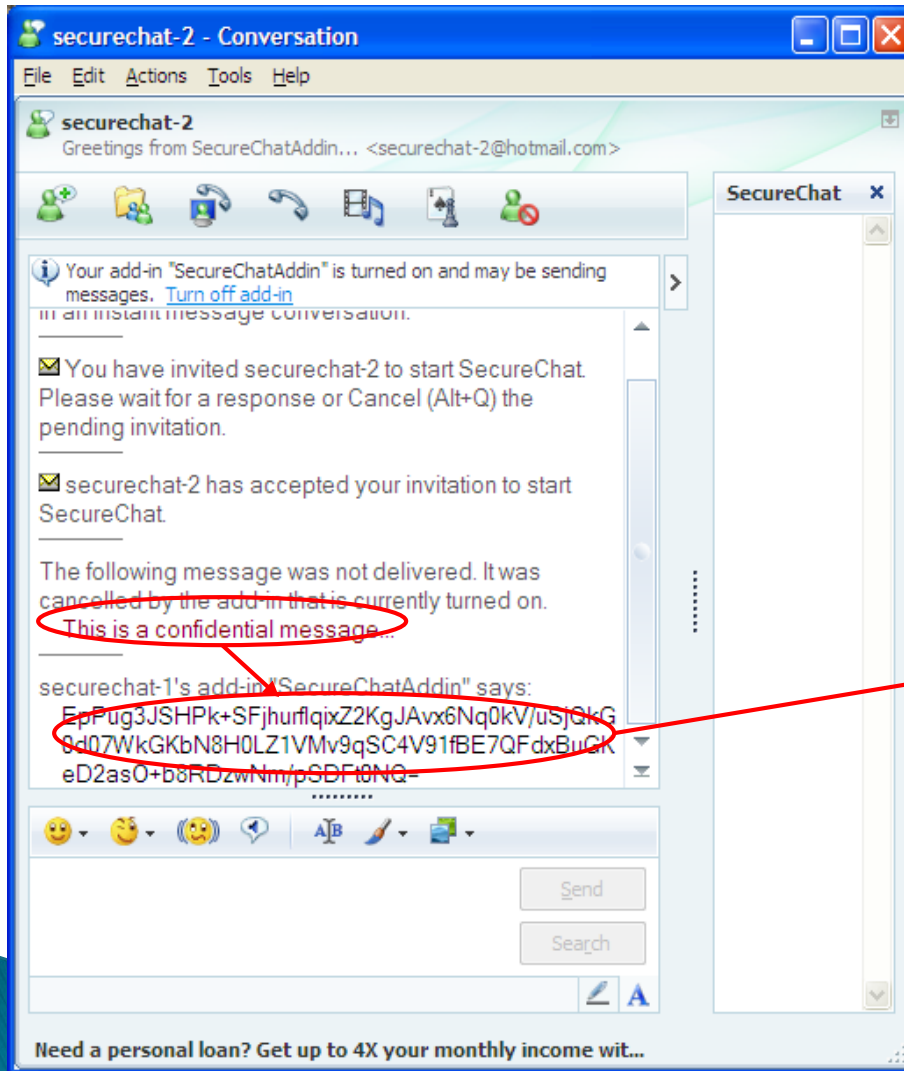
Activating a Chat Activity



Accepting a Chat Activity



Chatting with Confidentiality



End of Demo!