



Staying connected in the Last Frontier





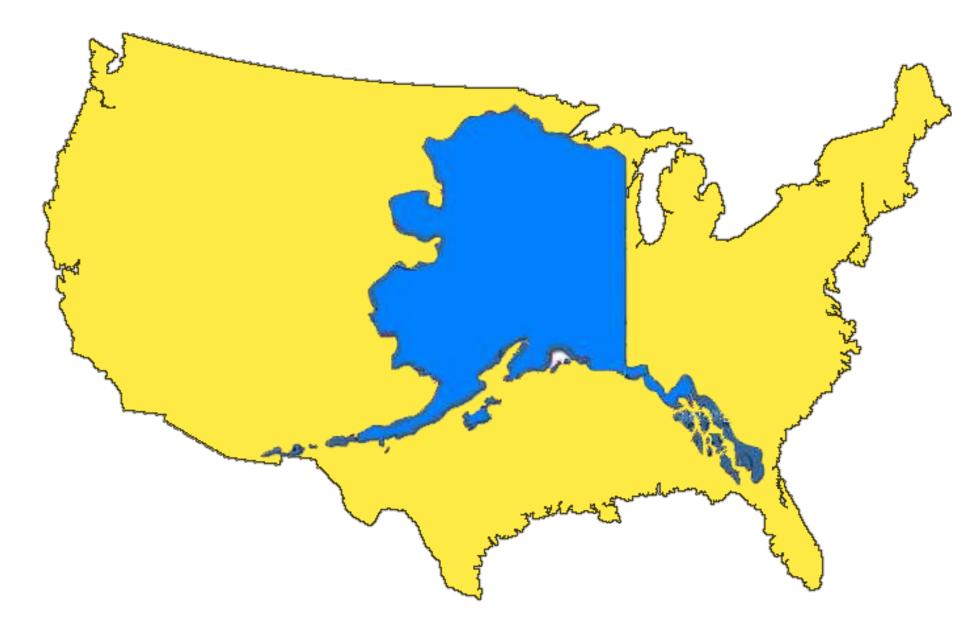


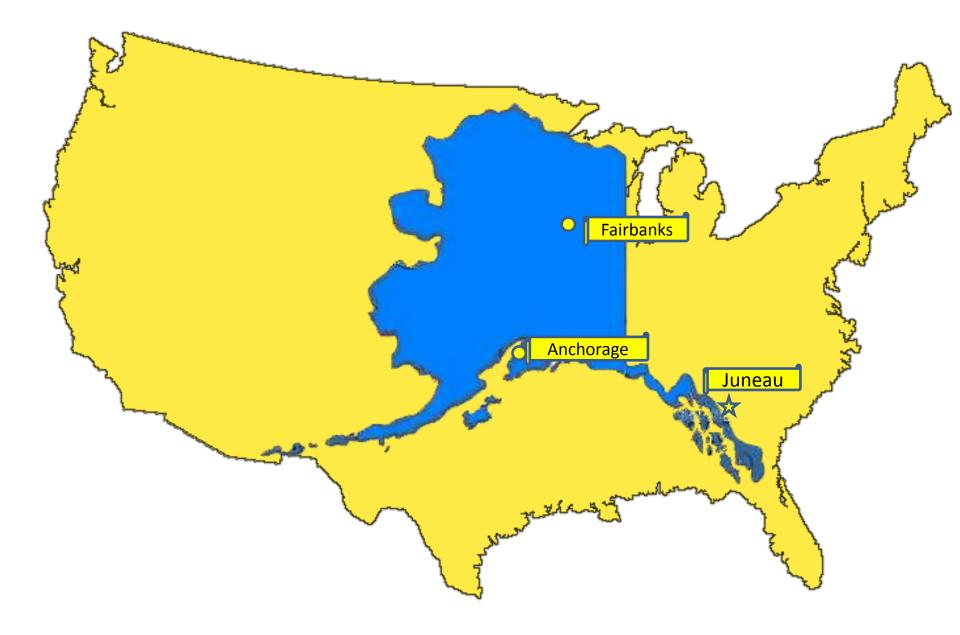


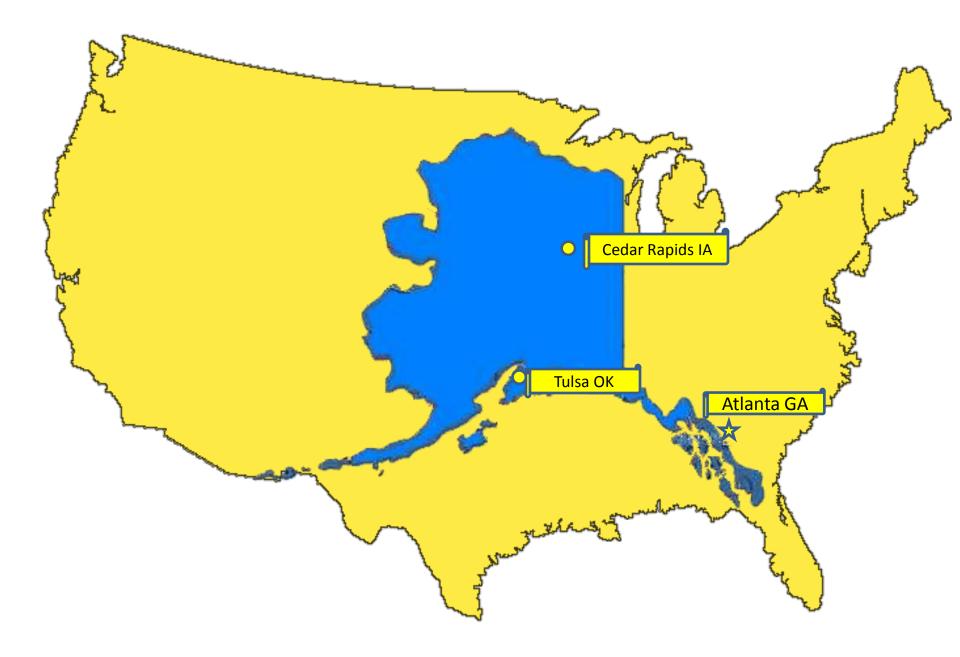


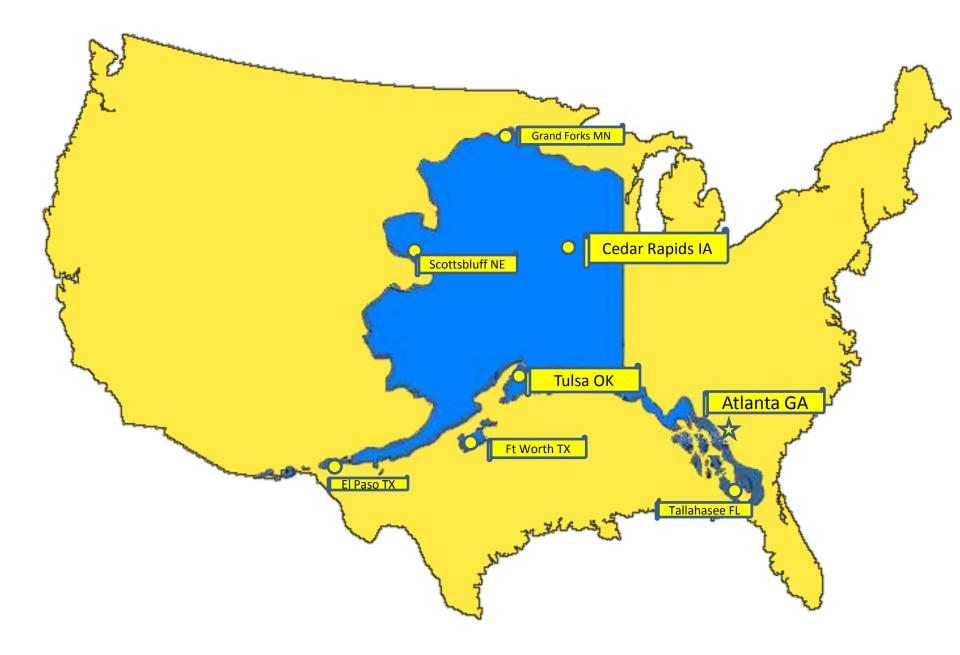


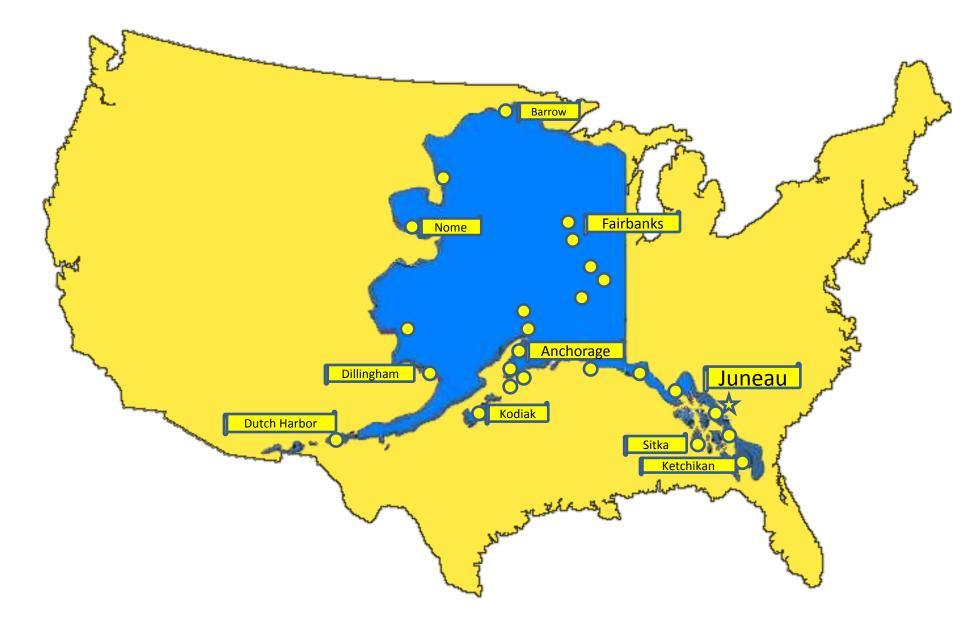




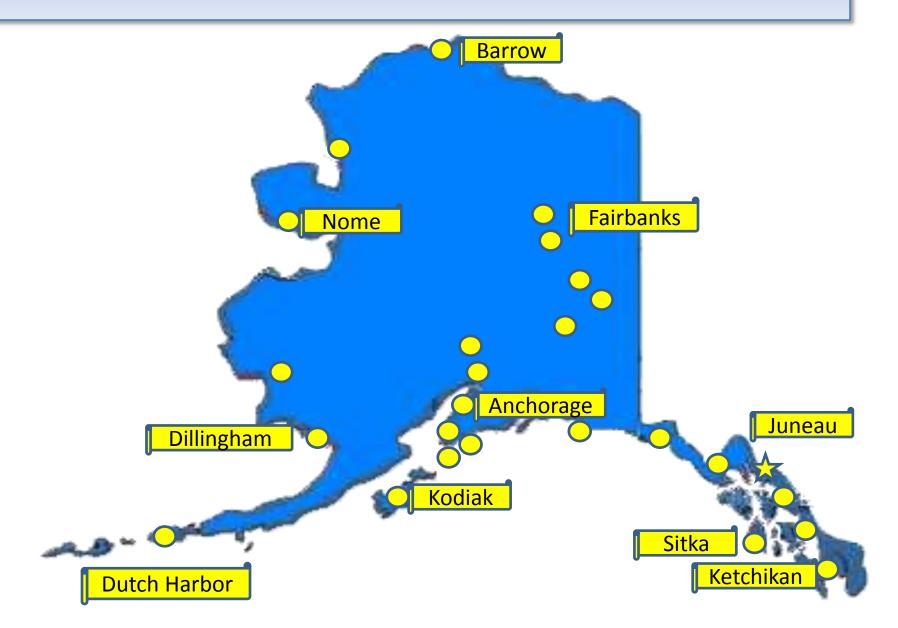








26 Alaska Legislature Offices



Alaska District 6-C

- Largest district in the US
- 250,000 square miles
- 126 communities
- Larger than every state
 except Texas (269,000/sq miles)
 27,000 people

District 6-C

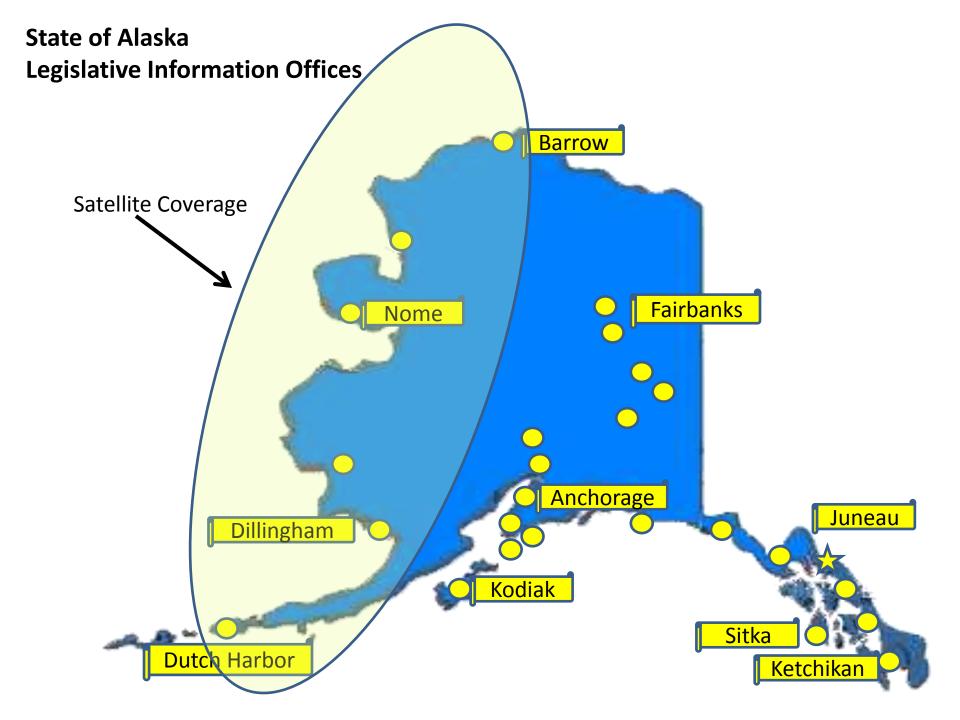
• 27,000 people

Alaska Legislature Profile

- 20 Senators, 40 House Members
- 440 legislative/administrative staff
- 90 day session in Juneau, 275 days in home districts
- 52 of 60 Legislators live over 500 miles from the Capitol (Juneau).

Alaska's Communication Challenges

- Great distances between communities. Few roads.
- Expense, time, and weather issues involved with travel.
- Lack of high speed circuits to many locations (satellites).



Satellite Dishes/Radio Towers in Alaska



Barrow Alaska Earth Stations

A AN N ANA





Kennsington, in the spring

Kennsington, in winter





Ugchirnak Mtn., Bethel, Western Alaska



Asknuk Mtn, Scammon Bay, Western Alaska





Alaska Legislature Products/Projects to facilitate communications

- We operate a Microsoft Exchange 2007 Server with
 - Outlook 2007 clients
 - OWA (Outlook Web Access)
- Microsoft Office Communicator Server (OCS) 2007
 - Instant Messaging, video calls
 - Presence



- CWA (Communicator Web Access)
- Smartphones/Mobile devices/Laptop connectivity
 - Blackberry (BES), iPhones, Android, etc..
 - OCS/CWA connectivity
 - USB devices for laptops

Exchange2007/Outlook 2007

Sen

- <u> Major Features:</u>
- •Email,
- •Calendar,
- •Contacts,
- •Instant Messaging
- •Alerts
- •Network Presence

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	Additional Actions Add to Outlook Contacts Look up Outlook Contact Outlook Properties Cut Copy Paste Clear Select All	

Outlook Web Access (OWA)

- Webmail (Calendar, Contacts)
 - 90% of 'desktop' Outlook features are available.
 - Good solution for remote locations with slow connections.
- Provides link to internal *SharePoint* site for document sharing.

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Notes	☐ Frank Wilson Day off	8:14 A
B D RSS Feeds	Yesterday	
 Gent Items Gent Items Sync Issues Tasks 	Aren Girvan RE: satellite dishes in Western Alaska	Wed 4:38 F
Iasis Search Folders	Curtis Clothier 8	Wed 4:321
	Erica Wilson Re: CWA and webcams	Wed 1:247
	Erica Wilson Re: Inside OCS site	Wed 1:21 F
	Sante Lesh RE: Alaska Staff Registration	Wed 1:197
	R Sante Leah FW: Alada Staff Registration	Wed 1:154
	Sue Gullufsen wedding plans!	Wed 9:57 /
	Ale Robin Paul Fall trips	Wed 9:33 A
	A LIO Sika RE: Span,Phishing emails disputated as Amazon,Ebay email in Sitia	Wed 9:16 /
	Shay Wilson RE: can u dhange my OCS Work Phone number to 3860?	Wed 9:13 A
	Shay Wilson RE: what did it take to bring up CWA?	Wed 8:56 A
	Tuesday	
	Cheryl Poulter Web Gateway Security and Bandwidth Control Meeting	Tue 9:29 P
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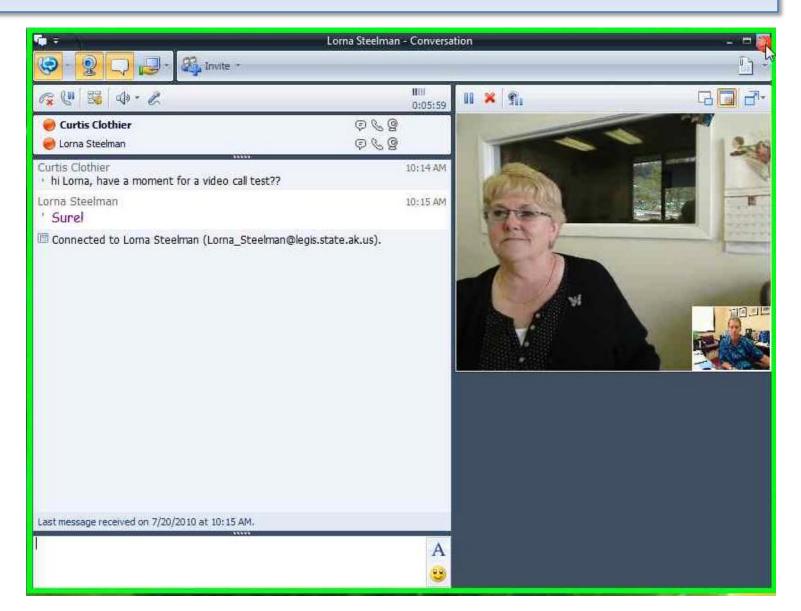
Office Communicator 2007

<u>Major Features</u>:

- Instant Messaging,
- Email,
- Organize a meeting,
- Presence/Status
- Start a video call

2 ÷ Office C	ommunicator	
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Start a Video Call		* 6
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Send an E-Mail Message		E &
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Frank Tag for Status Change Alerts		Ë 6
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Office Communicator 2007 Video Call



Office Communicator

- Installed on all Legislative computers
- Used in:
 - Remote offices
 - Intra office
 - In meetings (between moderators)
- Communicator Web Access (CWA) 🔆
 - Just rolling out for the Alaska Legislature
 - Users can log into secure network for Instant Msging
 - Envision Office Communicator as a productivity tool
 - Training and 'roll-out' announcements later this year.

Microsoft Communicator Web Access (CWA)

	Language: English -
Important: Before you sign in, turn off pop-up blocking software for this Web site. Get help with pop-up blockers.	Sign In vith a different account

Help me sign in to Communicator Web Access

https://cwa.legis.state.ak.us

Encrypted through SSL third party-certificate based encryption (the same mechanism that secures online ordering).

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Shay Wilson	Offline	
🔵 Tia Brown	Offline	
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👌 Alyson Stogsdill	Away	
🜔 Angelique Horton	Inactive	
Jake Carpenter	Available	
🕖 MaryBea Byrne	Available	
🕖 Melba Piispanen	Available	
🕖 Mike Warenda	Away	
Tim Powers	Available	
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🕖 MaryBea Byrne	Available	
🕖 Melba Piispanen	Available	

Office Communicator (OCS) vs. Communicator Web Access (CWA)

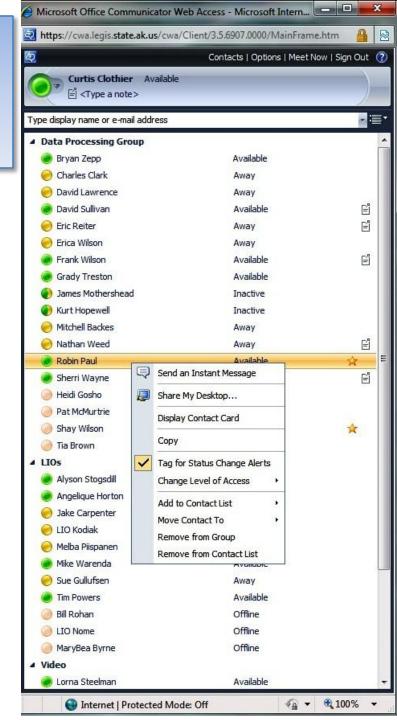
OCS Desktop client

Curtis Clothier	Office Communicator	Available 🗐		ccess - Microsoft Internet Explorer provided by l	
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Recent Contacts			Type a note>		
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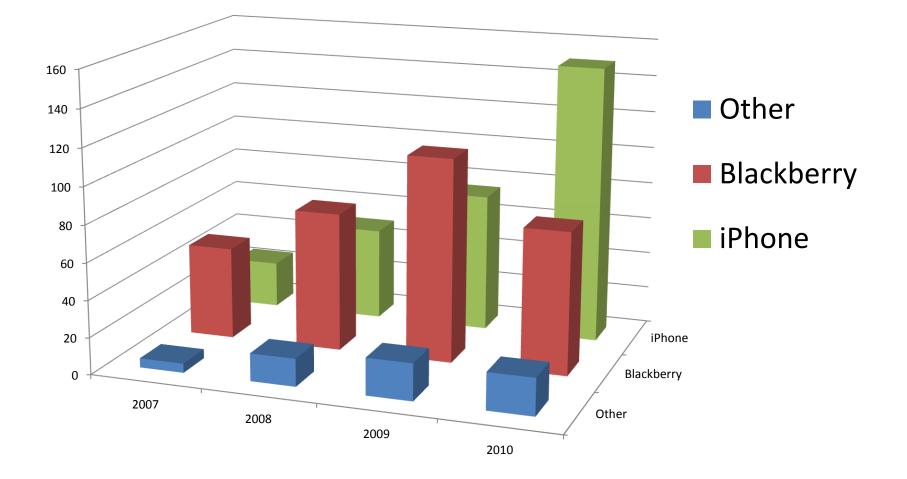
Microsoft Communicator Web Access (CWA)

- •Major Features:
 - Instant Messaging
 - •Desktop Sharing
 - •Status Change Alerts

8	Kurt Hopewell Help Desk Tech			×
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		May 25	2 KB	
		May 28	17 KB	
			17 KB	- 2



Smartphone preference at the Alaska Legislature

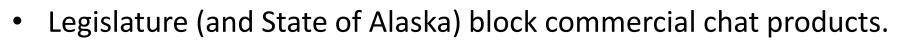


Communicator Web Access (CWA) Smartphone integration

- Products:
 - iDialog for iPhone
 - iOCS (untested)
 - FUZE for iPhone and Blackberry
 - Blackberry Office
 Communicator
 - Microsoft Office
 Communicator for
 Windows Mobile



iPhone/OCS Integration iDialog screenshots



• Modality Systems *iDialog* Product integrates with Microsoft OCS.

Chats Liam Gavin Options	Chats	
_do you have next years sales projections?	Liam Gavin	1
Julia Evans 12:12 PM I will have to get them from Jim. Do you need them today?	Kieran Loftus	3
Liam Gavin 12:13 PM Yes. Planning meetings are going on now. Please chase them down from Jim		
Julia Evans 12:13 PM Ok		
Last Message Received on July 7, 2009 at 12:13 PM <enter instant="" message=""></enter>		
QWERTYUIOP		
ASDFGHJKL		
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	Contacto Citato Inte	ocungo

IM conversation experience

Multiple IM conversations in progres

iDialog™

iPhone/OCS Integration iDialog screenshots





Searching the Global Address List

Team Me	e Liam Gavin
Activity	In a Meeting
Calendar	Busy-Free at 12:30
Meeting Subject	Planning
Meeting Location	Conf 2
Note	In planing meetings most of the day. IM if urgent
EMail	LiamG@company.com
Title	Director
Company	Modality Systems
Office	1/2222
Contacts	Chats Me Settings

iDialog™

It's here. The iPhone-compatible client for Microsoft OCS. Available at the App Store

Viewing a contact's information

Roaming Internet for your laptop Access to webmail (OWA) and webchat (CWA)

Each carrier has USB devices to connect to the Internet. Useful for accessing corporate webmail and instant messaging.







Our Future Plans

- Work with Executive Branch to:
 - Link (federate) both Exchange Servers for 'presence'
 - Incorporate Cisco VOIP telephone system into Legislature's Exchange Server
- Continue to explore the use of personal webcams
- Research 3rd Party IM client access with our OCS system and Edge Server (MSN, AOL)
- Upgrade to 'Exchange 2010' next spring (2011)
- Upgrade to 'Communications Server 14' (2011)
- Continue to monitor our staffs use of communication technologies (IM, Social Networking, Smartphone's, email, voice, presence, etc.).

OCS/Smartphone Apps

- iPhone
 - iDialog (\$9.99)
 - FUZE (\$7.99)
 - iOCS (Free)
- Blackberry
 - BlackBerry Office Communicator (Free)
 - FUZE (\$7.99)
- Windows Mobile O/S
 - Microsoft Office Communicator Mobile (Free)





Other Resources

- Websites
 - Microsoft OCS 2007
 - <u>http://www.microsoft.com/communicationsserver/en/us/default.aspx</u>
 - Inside OCS 2007 (3rd party) http://insideocs.wordpress.com/
 - Phones and Devices for OCS 2007
 - <u>http://technet.microsoft.com/en-us/office/ocs/bb970310.aspx</u>
 - Communications Server 14
 - <u>http://www.microsoft.com/communicationsserver/cs14/en/us/overview.aspx</u>
- Books (Amazon)
 - Office Communications Server 2007 R2
 - Programming for Unified Communications

Summary

- Trying to leverage our investment in software and hardware to provide as many secure options for communications as possible.
- Some people prefer telephones, others prefer email. Some like Instant Messaging.
- Cost savings are important, but the opportunities for productivity enhancement for our customers is large (i.e. downtime while traveling).

Questions?

Barrow, Alaska