

# Crowdsourcing\* The crowdsourcing model [taps] the collective knowledge of the community to harness the crowd to directly produce goods and services. [...] the crowdsourcing model actively involves the community in the process of online production activity. [emp. mine] Metcalfe's law states that the value of a network is proportional to the square of the number of connected users of the system "Rules of Crowdsourcing: Models, Issues, and Systems of Control," Author: Gregory D. Saxton, Oncok Oh, Rajiv Kishore, Source: Information Systems Management 2011

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# The Open Government Initiative and the Open Source Movement

- In 2009 President Obama's signed the Memorandum on Transparency and Open Government
  - Government should be transparent, participatory, Government should be collaborative

### Open Source:

- "Open source refers to a program in which the source code is available to the general public for use and/or modification from its original design."
- "Open source code is typically created as a collaborative effort in which programmers improve upon the code and share the changes within the community." -Wikipedia







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# **Enterprise Social Networking vs. Traditional KM**

- Much simpler, 90% of functionality, minimal training
- Bottoms up, employing wisdom-of-crowds vs. top-down "single moderator" approach
- No license required-just a web browser
- "SharePoint lite" allowing for collaboration and file sharing without the need for a SharePoint administrator!
  - Ease of use: If you can upload or find a video on YouTube, you can use Handshake
- Provide feedback on artifacts via comment or simply "Like" it
  - Adds an aspect akin to Amazon.com *User Reviews* where practitioners can post evaluation of artifacts
- Limited networks to draw from: Many companies have fairly small cost groups of 40 or s



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## The Handshake Solution



Like

- E-mail dialogue preserved for future members (vs. sitting in e-mail inboxes, inaccessible to new employees)
- Can easily be opened up to partners!
- Interface w/ variety of SMEs (vs. only cost SMEs sign up for cost-focused e-mail list serves, (i.e., e-mail discussion lists))
- Scalability: growth over 2 years from four to over 200 members
- Offers a simple Calendar feature, "WIKI" pages
- See site <u>here</u> (MITRE Fast Jump "FACTS") or contact <u>djharper@mitre.org</u>, <u>rdorr@mitre.org</u>
- See McKinsey and CEB for additional articles

"Email is where knowledge goes to die" – Bill French.

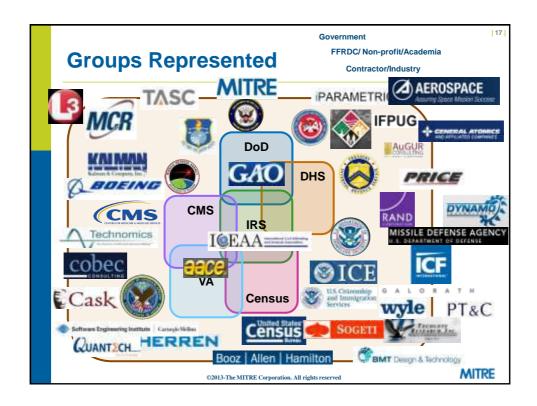
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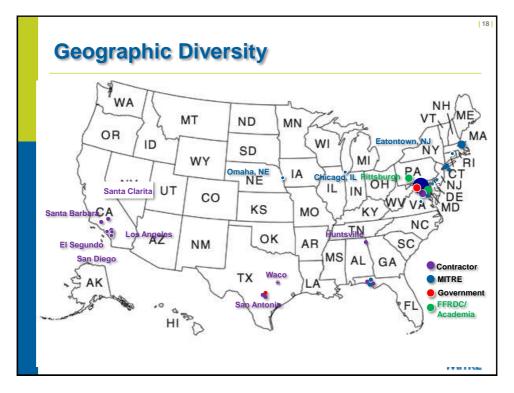
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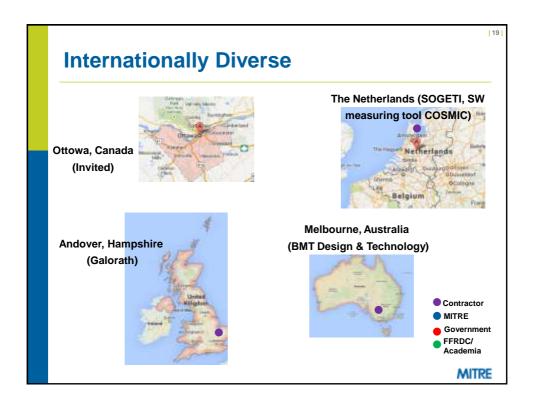
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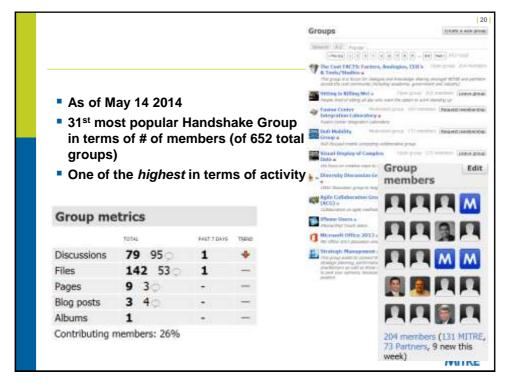


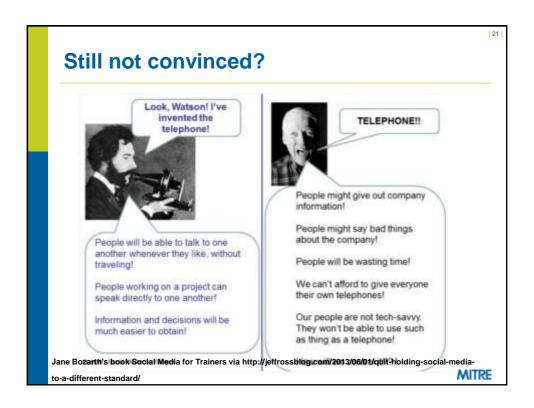
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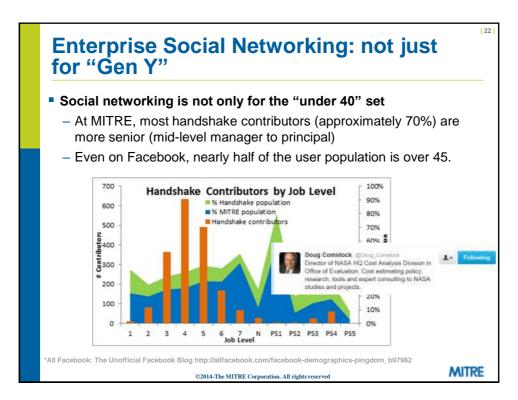
















What's in it for Me & My Organization?

- Knowledge retention due to attrition or retirement
  - We even had a MITRE employee go to the government who is still a member of the group
  - One member who had been "downsized" connected with a colleague he saw on the site and ended up being hired by that organization

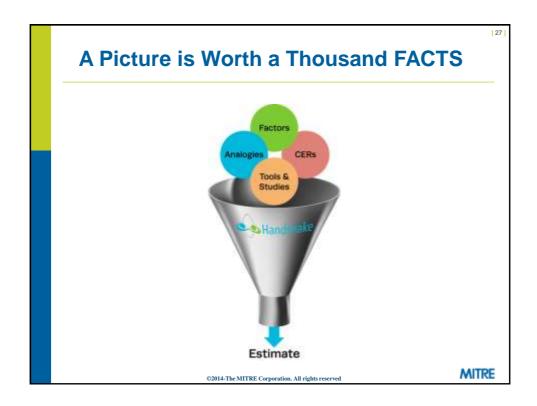
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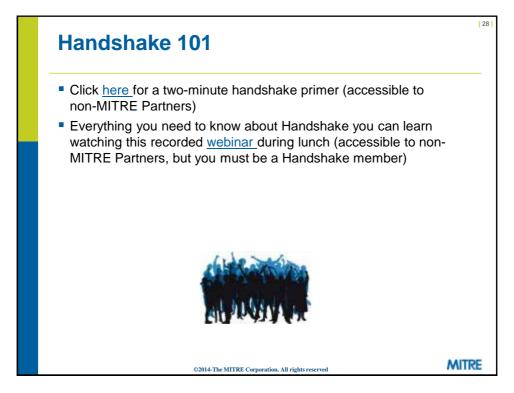
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Case Study

### **Facilitating Discussion Across Government**

- In one case, a customer from the Intelligence community posted a question about estimating the cost of outfitting a test and evaluation facility.
- That question was answered within 48 hours by a member from the DoD world, who was able to provide total cost, including a breakdown by elements such as rent, government, labor, hardware, etc.
- Perhaps most importantly, this information is now available to other members as they come across this question in the future.
   Absent the Cost FACTS platform, these two very different customers would not have had any forum in which to interact.
  - This example also proved a great success case for our contention that even though customers may be very different, they often have similar challenges and can learn from each other.





**User Guide and Best Practices** 

- Don't simply think of it as a marketing channel
- Do not post anything marked FOUO (For Official Use Only),
   Proprietary or Sensitive
  - E.g., no Gartner Studies without permission (They frown on posting those to SharePoint OR Handshake)
- Hyperlinks to public proprietary sources okay (e.g. RAND studies)
- If you are unsure, simply ask
- If you make a mistake, it's okay, we'll fix it. No hand-slaps!
- Handshake User Guide here





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I thought you loved me-How could you post proprietary data?

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I want to Join!

- You cannot come in unless you are first invited!
- After that you have free reign to comment, post, etc...or simply peruse the conversations and artifacts
- Send an e-mail to <u>djharper@mitre.org</u>) or Ruth Dorr (<u>rdorr@mitre.org</u>) so that we can add you as a member (or scan QR code below with your smart phone)
  - You will receive an e-mail invitation with basic registration steps
  - Please provide a work e-mail (i.e., not gmail.com, yahoo)





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15

**Epilogue** 

- This presentation has provided in detail the FACTS project, including challenges overcome and remaining hurdles
- Organization should engage enterprise social media as a platform to help lower our natural instinct to "close-hold" data
- Ultimately sharing across organizational boundaries will benefit everyone
- For additional info contact Daniel Harper <u>djharper@mitre.org</u>) or Ruth Dorr (rdorr@mitre.org)



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# What your invitation will look like

MITRE Partnership Accounts Invitation for Handshake

You have been invited to access Handshake, MITRE's business networking system.

Follow the link below to start the registration process by establishing a security question, an answer and a password. Please note that you have 10 days to complete this process.

https://partnership.mitre.org/MCAP/mcapInvitationSecQA.do?cmd=addSecQA&uniqueParam=1383166188571&email=danieljharper2002@gmail.com&invitationId=45859&invitorEmailAddress=djharper@mitre.org

The following message was included...

Hello, I want to invite you to join my group The Cost FACTS: Factors, Analogies, CER's & Tools/Studies, and my network on Handshake.