nformatic



Enabling One Boeing: How the social web and standards can benefit the enterprise

Adam Boyet

The Boeing Company W3C Technical Plenary November 2009

What's the Scope?

Engineering, Operations & Technology | Information Technology

- More than 153,000 employees
- In 48 U.S. states and 70 countries
- Customers in 145 countries
- 6,000 Suppliers in more than 100 countries
- Research, design and technology development centers, and programs in multiple countries
- Manufacturing, services and technology partnerships with companies around the world

What's the Situation?

Engineering, Operations & Technology | Information Technology

Discoverability:

How can I find somebody that knows more about it

Reusability:

It's already been done

Redundancy:

Same technologies, different work group

Visibility:

Different secured systems, similar work activities

@Boeing we have... inSite

Engineering, Operations & Technology | Information Technology

inSite is...

- a place where every employee has an identity and can establish a profile on the intranet.
- a central location where people can help each other out.
- a quick way to Find People based on partial name, skills, location, etc.
- a forum that allows people to ask questions, and publish their thoughts.
- a way for people to share information, links, or even files with each other.
- a way for people to establish trust relationships with peers throughout the company.
- a community where **groups** and **Communities of Practice** can display their identity and members on the intranet.
- **securely share** proprietary, ITAR, and EAR information
- mobile....available via smartphones (e.g. iPhone, Blackberry)
- a way for Boeing's global workforce to stay connected with each other day in, and day out ... to leverage One Boeing



inSite: from the social patterns of the web

Engineering, Operations & Technology | Information Technology



people directory

tagging

communities

simple content syndication

user profile

colleagues

social bookmarking

authorization crowd driven solutions

finding experts

open culture

user generated content



business value

ssl activity feeds

web standards

sharing

follow people

user groups

questions and answers

currently interesting

open data access

social networking

solving problems

privacy

recommended content / people

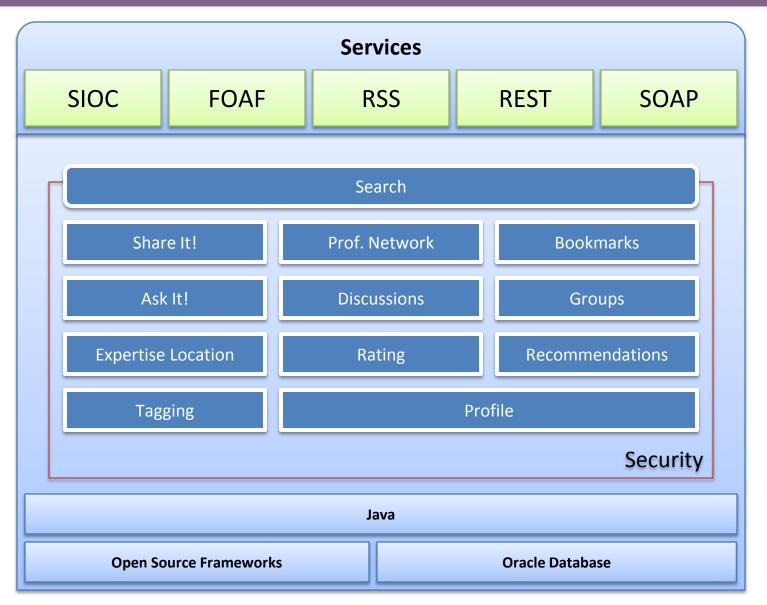
authentication

knowledge sharing



inSite: technical overview

Engineering, Operations & Technology | Information Technology



What does this mean?

Engineering, Operations & Technology | Information Technology

- Work together, collaborate on solutions, share knowledge
- Find synergies by connecting people to each other / information
- Find and use what's already been done
 - Reducing duplication potentially reducing costs
 - Reduces effort potentially saving time

Life is good right? ... not yet ...

Engineering, Operations & Technology | Information Technology

Example: Missing Profile Standards

- Users have to recreate profile information
 - Frustrates the users
 - Wastes time people could be spending on "real work"
- Reduces the potential value any one system can provide (fragmented user profile information)
- Companies spend time and money to integrate each system

Benefits to the enterprise

Engineering, Operations & Technology | Information Technology

The social web and standards enable companies to ...

Focus on their core business...

- Reduce time users spend replicating information
- Instead of spending time and money integrating systems

Innovate faster by...

- Applying social patterns to business
- Breaking down walled gardens (physical and cultural)
- Preserving and managing knowledge
- Finding better solutions faster

Social web

Standards