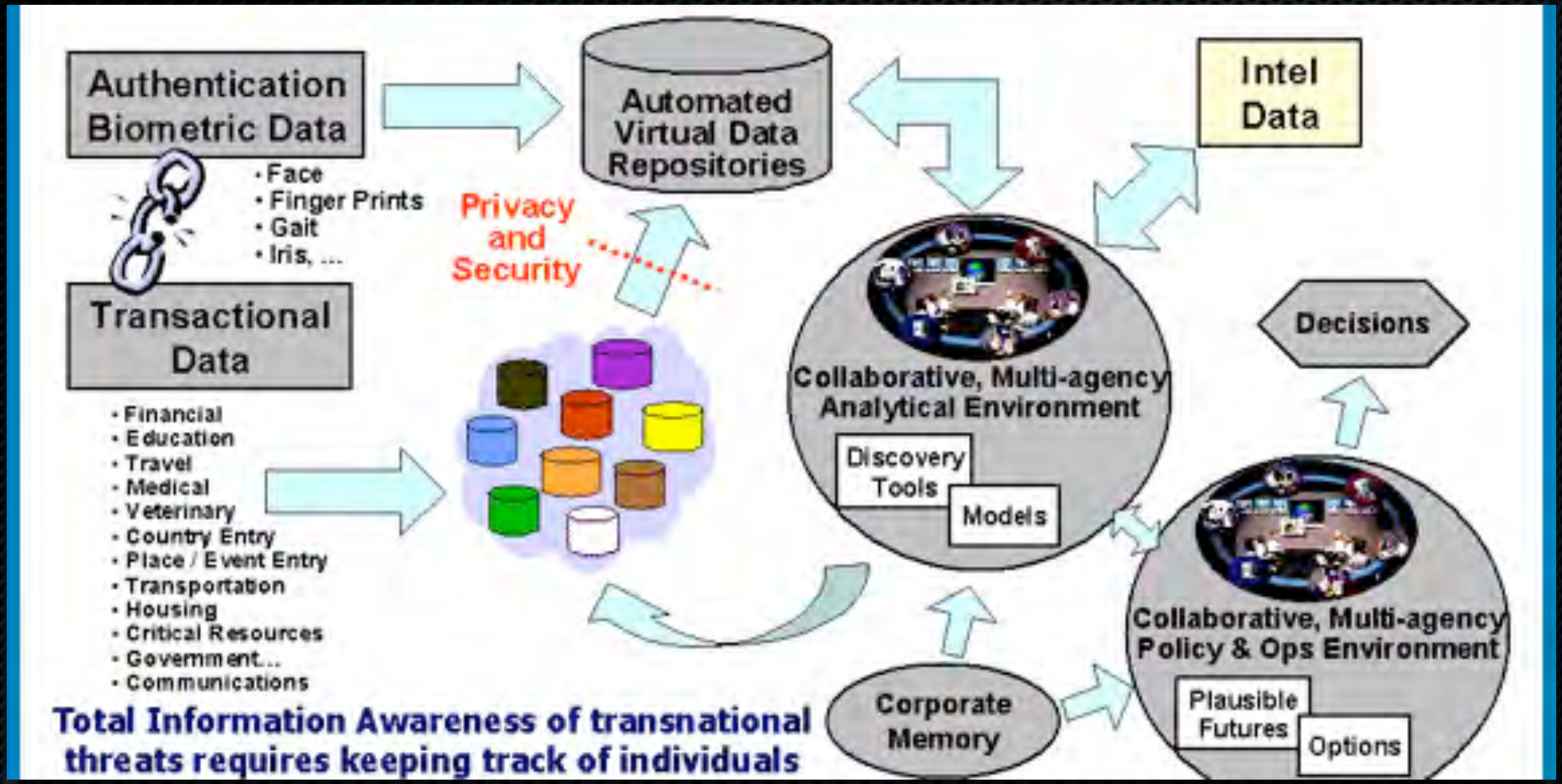
Sharepoint Knowledge Network

A component of Microsoft Office Sharepoint Server 2007 (MOSS)



Total Information Awareness

Not just for the government anymore


Authentication Biometric Data
• Face
• Finger Prints
• Gait
• Iris, ...
Transactional Data
• Financial
• Education
• Travel
• Medical
• Veterinary
• Country Entry
• Place / Event Entry
• Transportation
• Housing
• Critical Resources
• Government...
• Communications
Automated Virtual Data Repositories
Privacy and Security
Intel Data
Collaborative, Multi-agency Analytical Environment
Discovery Tools
Models
Decisions
Collaborative, Multi-agency Policy & Ops Environment
Plausible Futures
Options
Corporate Memory
Total Information Awareness of transnational threats requires keeping track of individuals

- KN is about connecting people
- KN is enterprise social networking
- KN enables users to collaborate
- KN automates the discovery and sharing of undocumented knowledge and relationships.
- KN helps discover Who knows whom? (Connectors)
- KN helps discover Who knows what? (Expertise Location)

- KN is an automated tool, to discover expertise within an organization.
- It is not meant to discover the experts, since they are already well known.
- It is mean to discover hidden gems of expertise on any topic.
- “Organically discover expertise to enable an organization to make better choices quicker”

Microsoft is created KN based on three core beliefs:

- * Most information is undocumented
- * It’s difficult to connect to the right person
- * “Weak ties” deliver significant value

The Knowledge Network solution is split into a client and a server that work together to

- (Client) Analyze email to create profile (keywords, contacts, external contacts)
- (Client) Publish profile to server (incremental updates)
- (Seeker) Aggregate profiles (expertise information, social network)
- (Seeker) Search for people (who know who? Who knows what?)

Data Sources for KN

- Email
- Team sites
- Web
- IM Contacts
- Contact lists
- Portaits
- My Sites
- AD Relationships
- Distribution list

Correlation Store

- Relationship data sources are inputs for the KN Correlation Store, which is surfaced through the browser.
- The Correlation Store is also accessible to line-of-business applications via APIs and an SDK.

Useful software

- Microsoft understands that there may be privacy concerns involving KN. (WOW)
- Addresses these concerns involves striking the right balance among utility, simplicity and privacy.
- Utility is how useful will this software be to me?
- Simplicity is how easy will this software be to install, upload, maintain and use?
- Privacy is how much personal information will this software reveal and how much control do I have?

Notification

- * Communicate steps of the profile creation and publication process
- * Customers can expose privacy policy in the client profile wizard

Control

- User can choose which items to include/exclude
- User can choose from 5 levels of privacy to apply to each profile item to control who is allowed to view that information on the server (i.e. everyone (outermost ring of visibility), my colleagues, my workgroup, my manager, and me (center of the visibility universe))
- Admins can determine which aspects of the product functionality to leverage including external contacts, anonymous results, and DL keywords

Control 2

- Admins can configure the default operation of the client, including opt-in/opt-out and the default privacy visibilities for profile items

Consent

- KN sends no data to the server before the user has approved it

Breaking news

- Some blogs report that the KN is not going to be included in the next version of Sharepoint.
- Some blogs report it will be renamed and integrated

more news

- KN can be seen as a technological preview.
- Posts have indicated possible inclusion in future versions of Windows and other server products.
- The real question is what is MSN/Live/Bing running behind the scenes, based on our IM, Email, blogs, news.
- What is GOOGLE running.....