# **Knowledge Management in a Multinational Law Department**

### The Schlumberger "LawHub"

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www.vip-law.com

The LawHub is a secure, web-based collaboration space for lawyers. It supports the legal practice groups of the company throughout the world (e.g., Employment, Internet Law & E-Commerce, Trade & Export Controls). The site features threaded discussion, internal legal documents, external legal resources, and information on the skills and backgrounds of the legal staff. The LawHub has enabled the creation of virtual communities of practice within the legal community that extend across organizational and geographic boundaries. This allows lawyers to share expertise and experiences around specific practice areas.

This presentation summarizes the experience gained during the first two years of formal knowledge management in our legal community. It addresses the people, process, technology and content issues that have arisen, and how the resolution of these issues is aiding the growth of the LawHub.



### **KM** Drivers

- Cost Pressures
- Efficiency and Consistency
- Flexibility and Responsiveness
- Training and Learning
- Retention
  - People
  - Knowledge
- Workplace Satisfaction

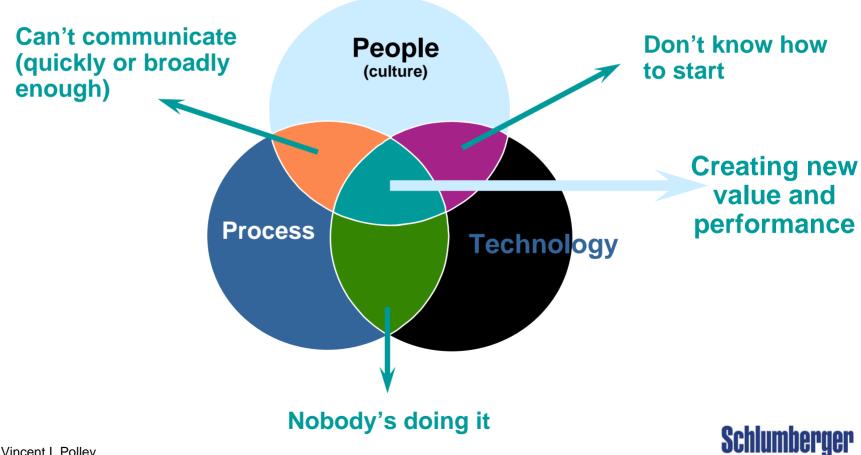


### Possible Approaches to KM

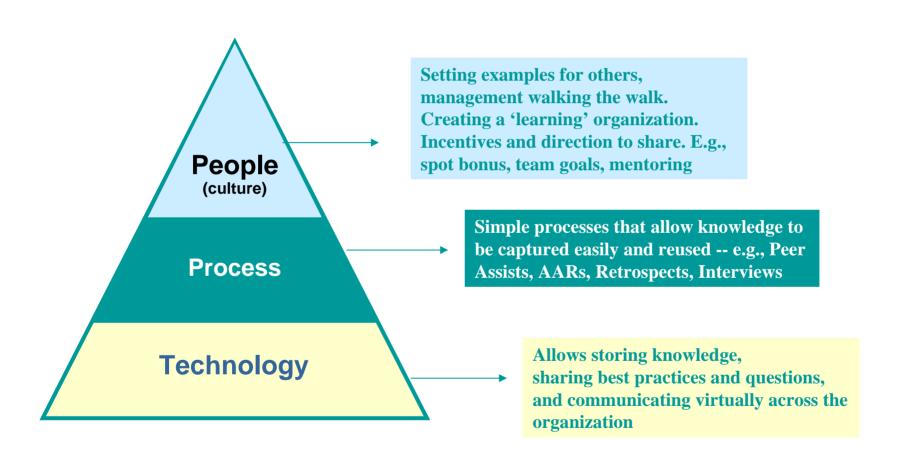
- Internal other lawyers
- Internal business clients
- External law firms; universities; other



### Main Factors in KM Delivery



### Main Factors in KM Delivery





### KM Elements

- Building and fostering communities of practice around operationally-important themes and areas of responsibility
- The development and use/reuse of knowledge assets
- Enabling collaboration (both within the communities of practice and larger communities)
- Capturing and validating incidental knowledge produced as a by-product during community collaboration
- Systematically hosting tacit knowledge (who and what you know)
- Arranging and efficiently presenting knowledge assets to users
- Nurturing a cooperative culture



### Is KM Technology?

- No technology only helps enable KM.
- Classic KM techniques (Peer Assists, Connecting People, AARs, Retrospects, and Creation of Knowledge Bundles) don't require technology at all.
- Technology ... typically not more than 30% of KM costs.



### Schlumberger's Legal KM Effort

Communities of Practice

Technology



### Schlumberger Process: Communities of Practice

- Responsible for:
  - Content Development and Maintenance
  - Webspace Operation
  - Training and Development
- Creation, Structure and Evolution
  - Subject Matter Experts; Early Planning Involvement
  - Aligned with Personal and Professional Interests

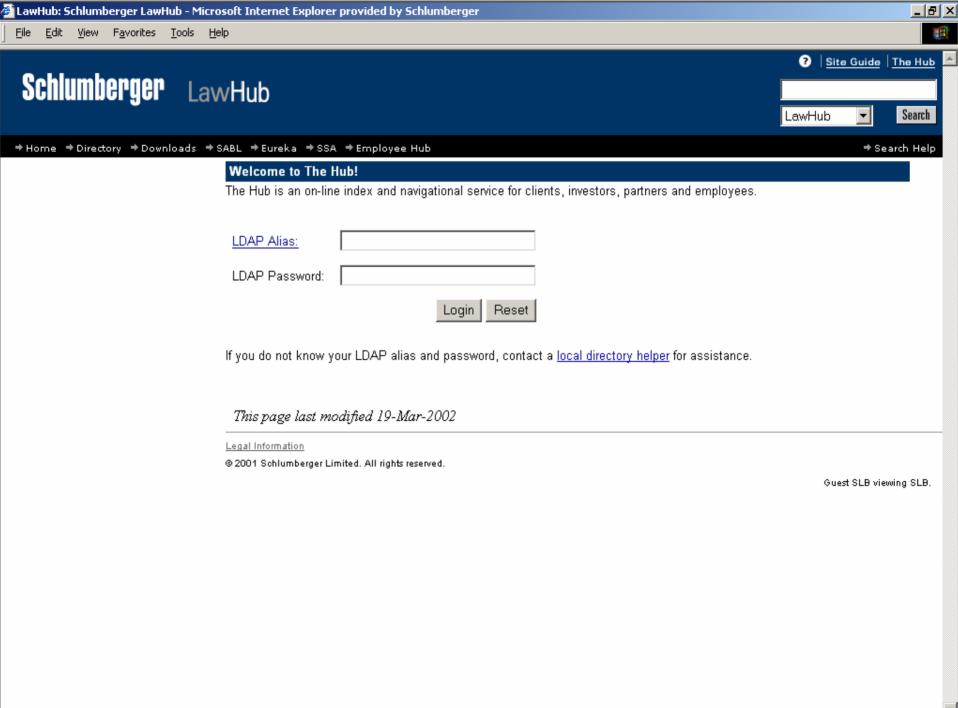


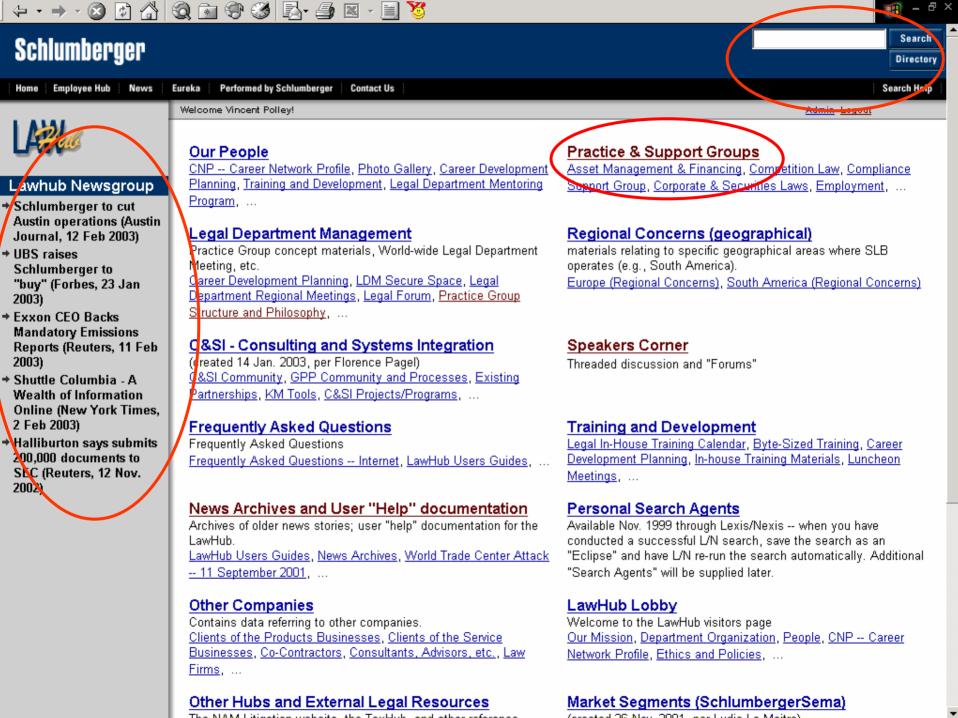
## Schlumberger Technology: the LawHub

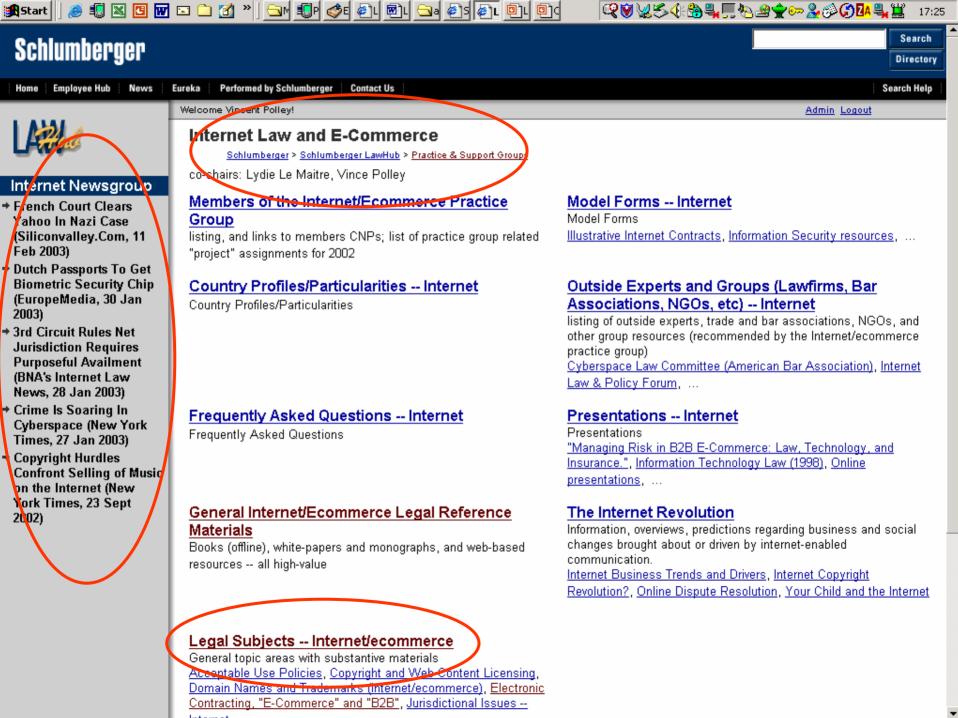
- Search
- Presentation/Visualization •
- Threaded Discussion
- Distributed Publication
- Security
- Personalization
- Statistics/Tracking

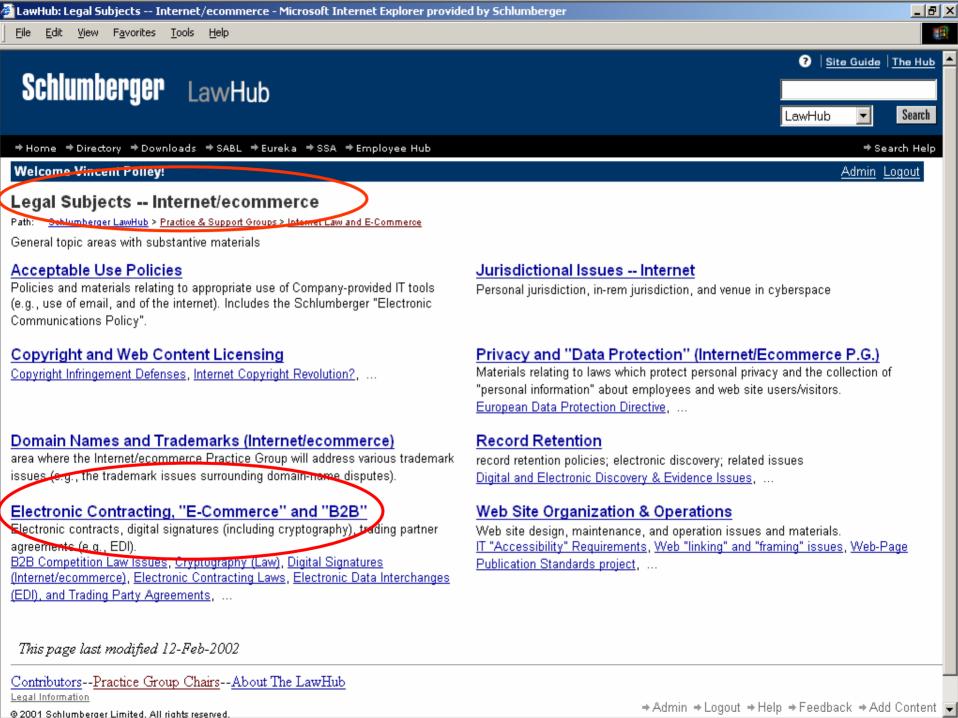
- Categorization
  - News
- Collaboration
- Profiles/Experience
- Integration
- Amazon "Voting"
- Taxonomy

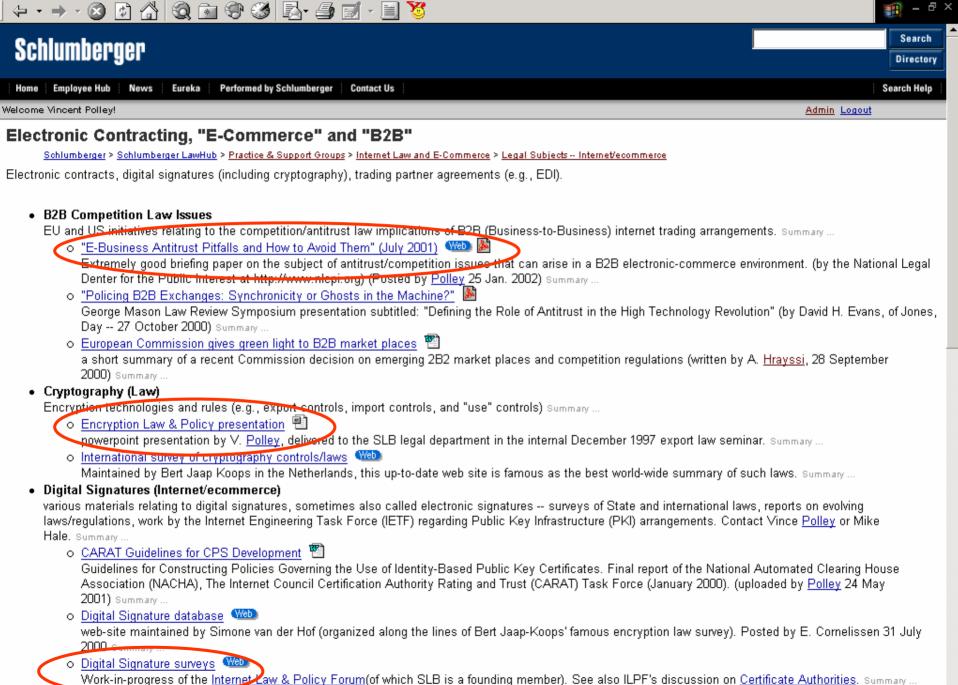






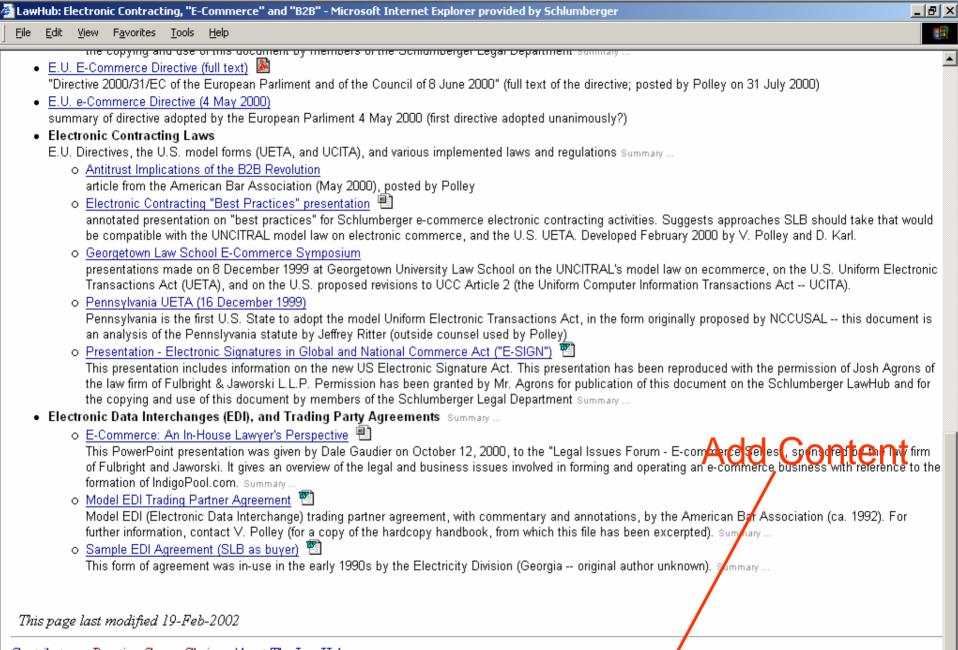






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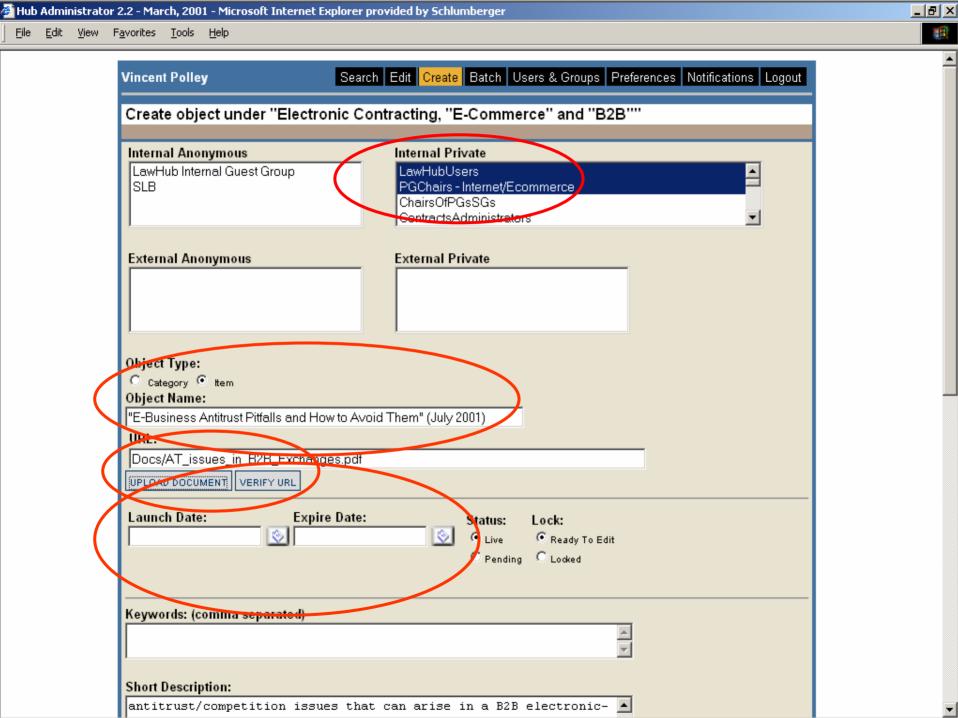
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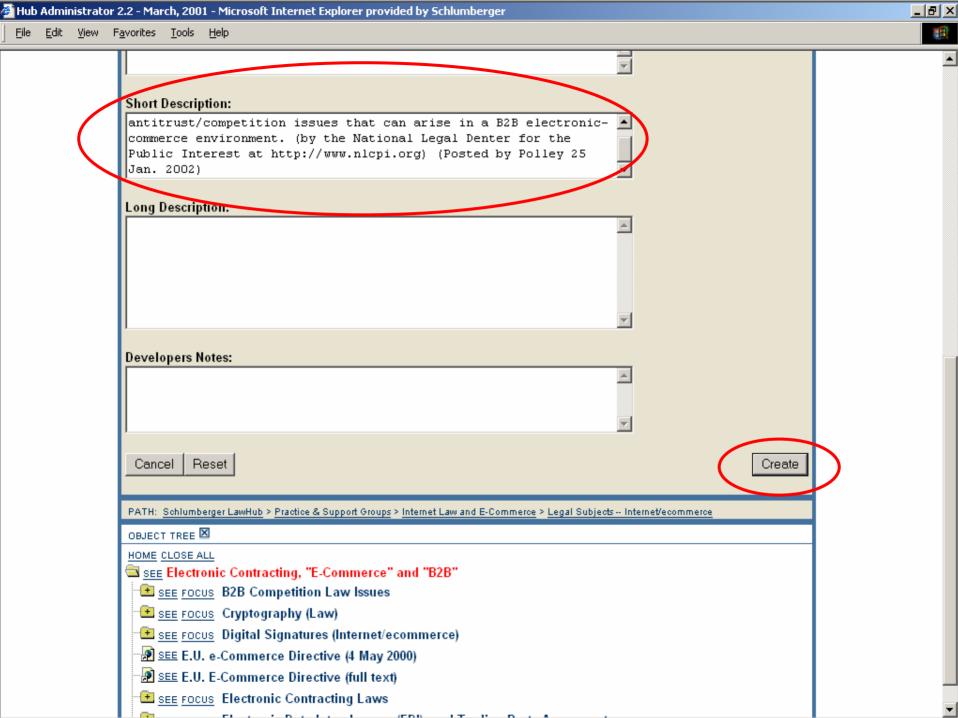


Contributors--Practice Group Chairs--About The LawHub

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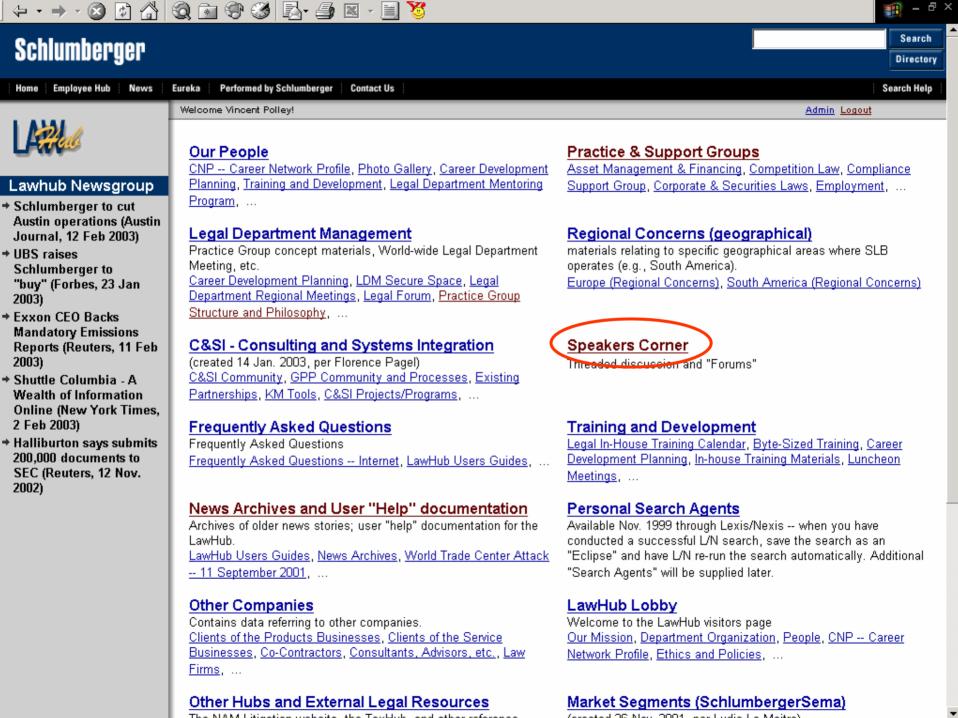


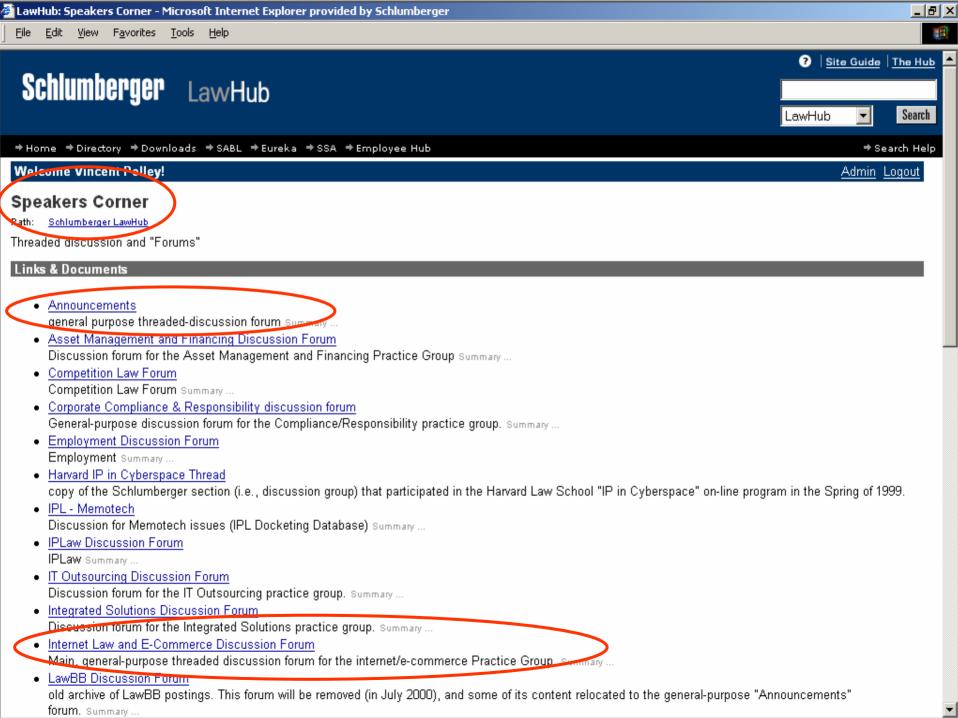
### LawHub ... Legal Department Portal

<ul><li>Search</li></ul>	•	Categorization
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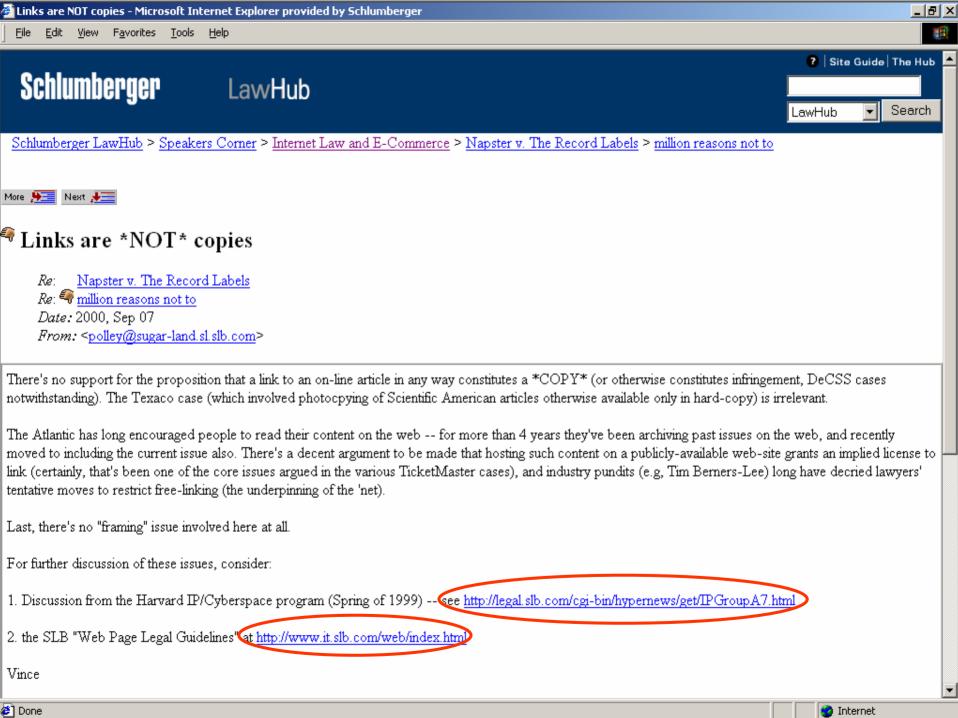
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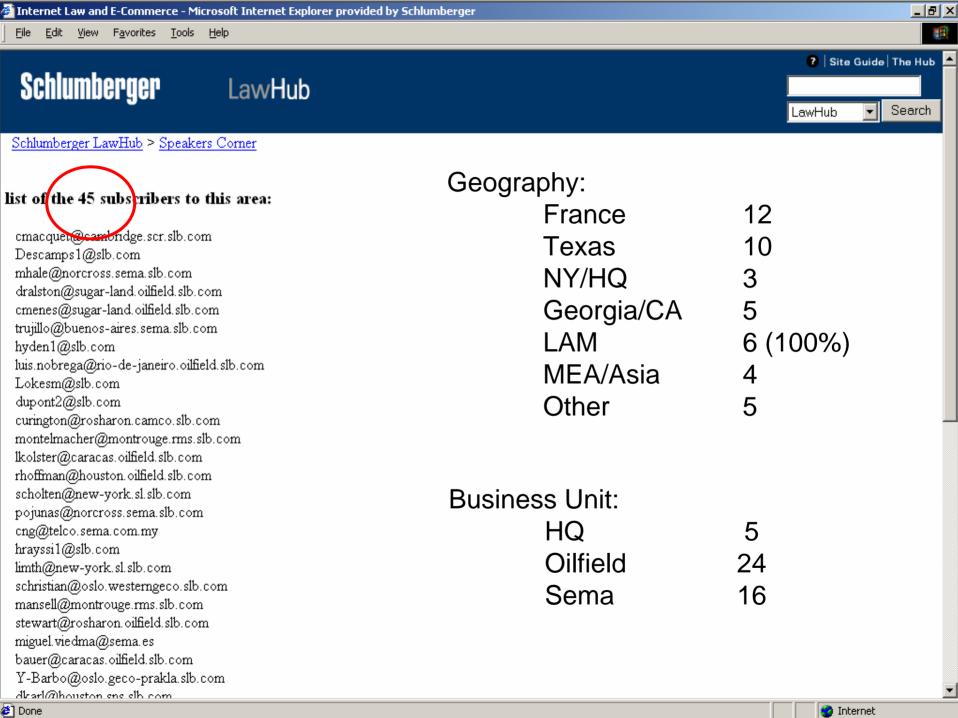


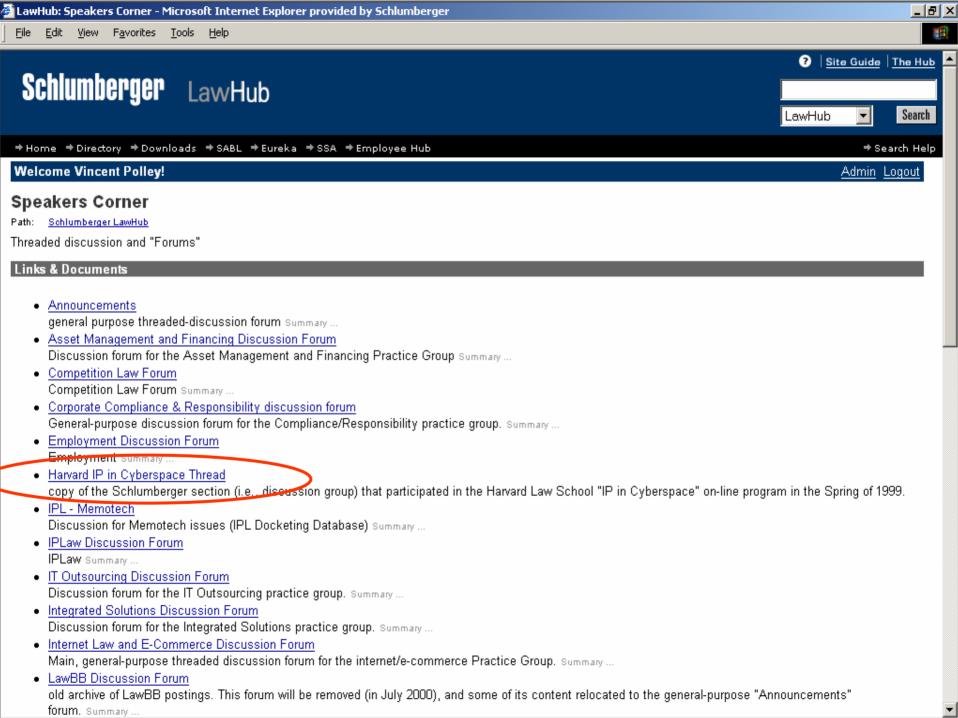


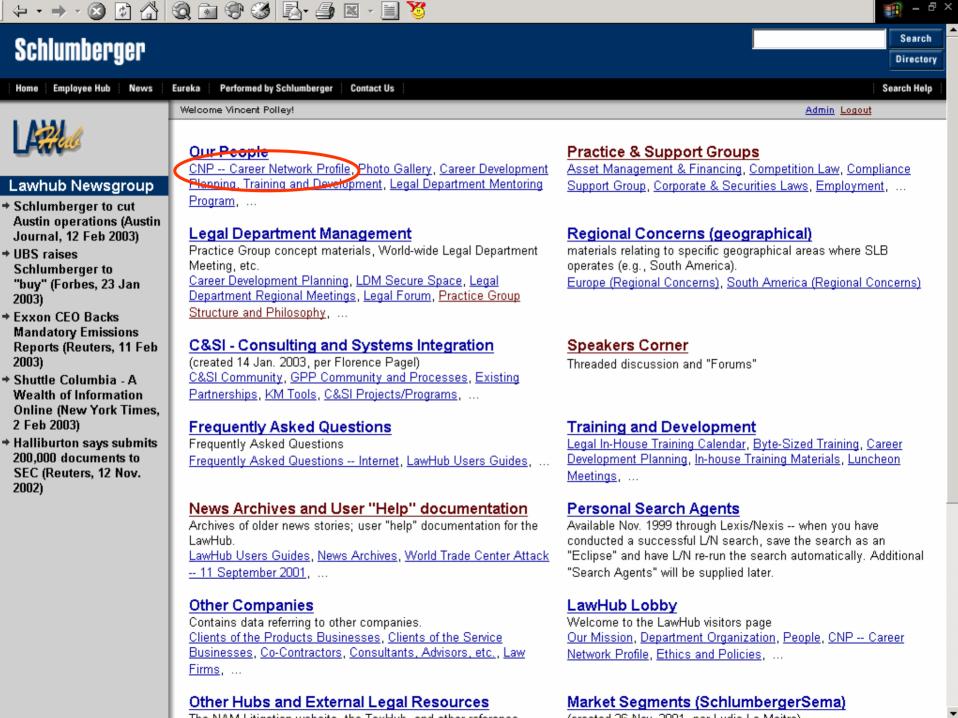








































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Languages: English

Assigned Country: United States

Directory (LDAP) Record

Assignment History/Experience - Current Projects and Areas of Interest - Education - Eureka Information - Expertise - External Contacts - Personal Interests - Personal Statement - Professional Qualifications and Affiliations - Publications

#### Personal Statement

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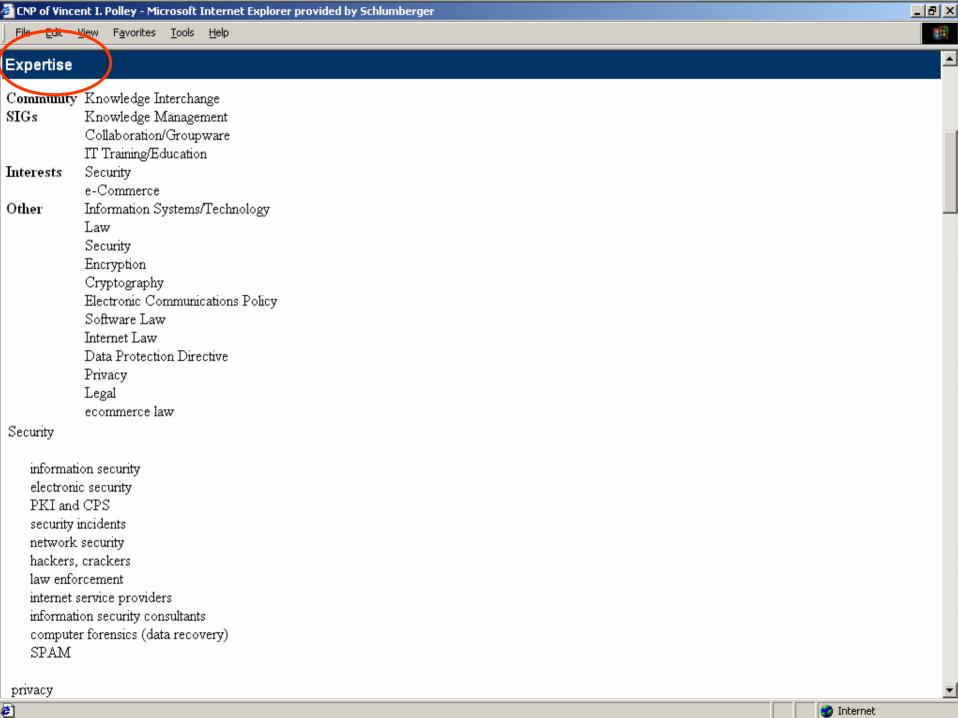
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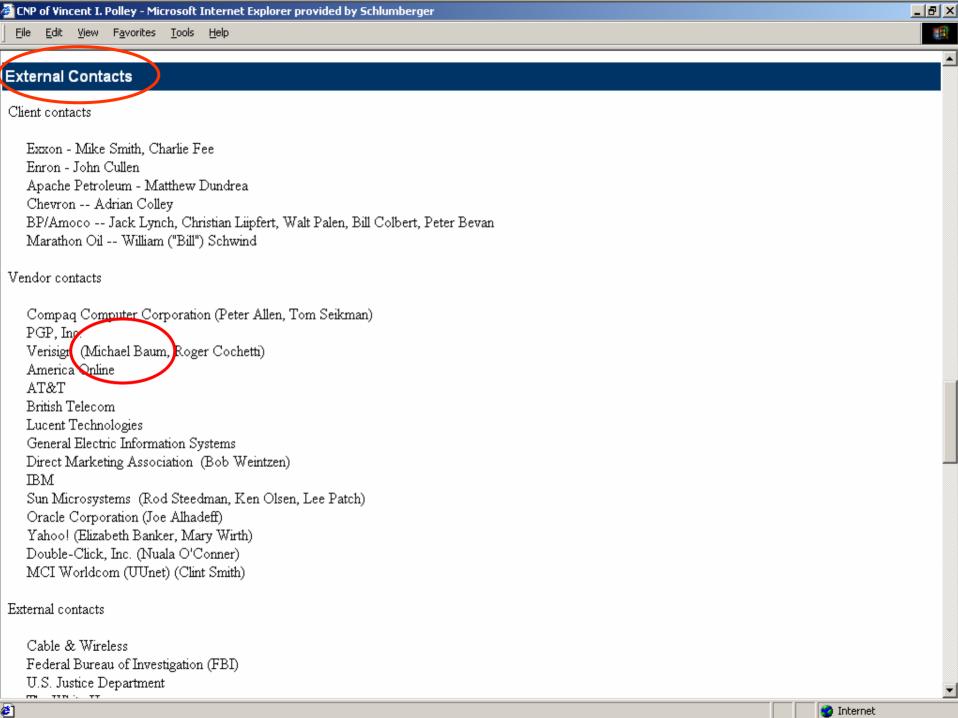
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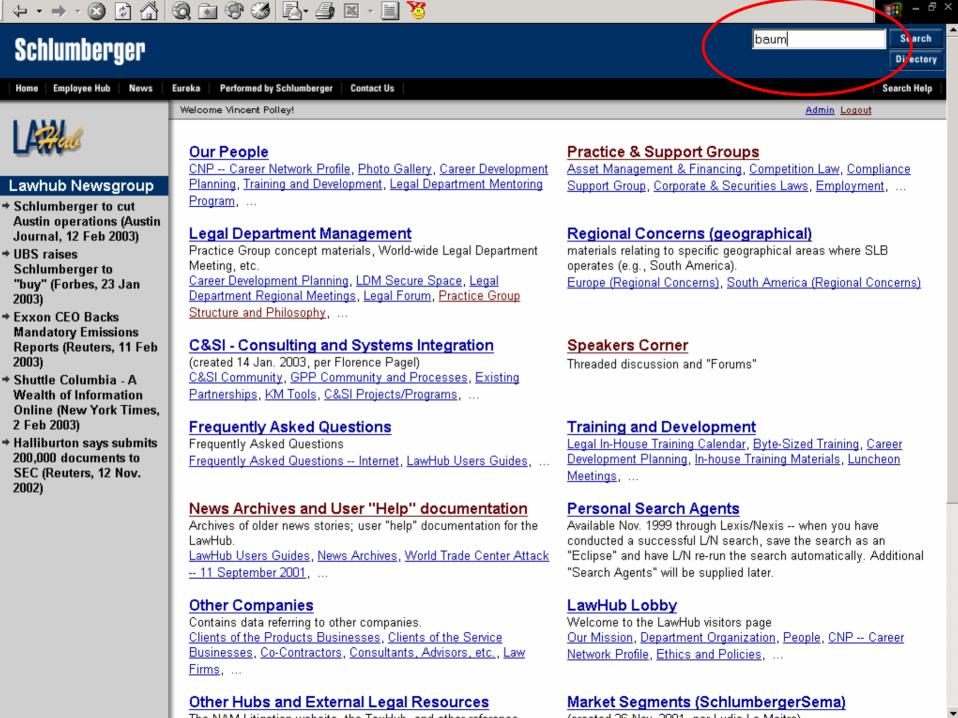
Community Knowledge Interchange SIGs Knowledge Management Collaboration/Groupware IT Training/Education

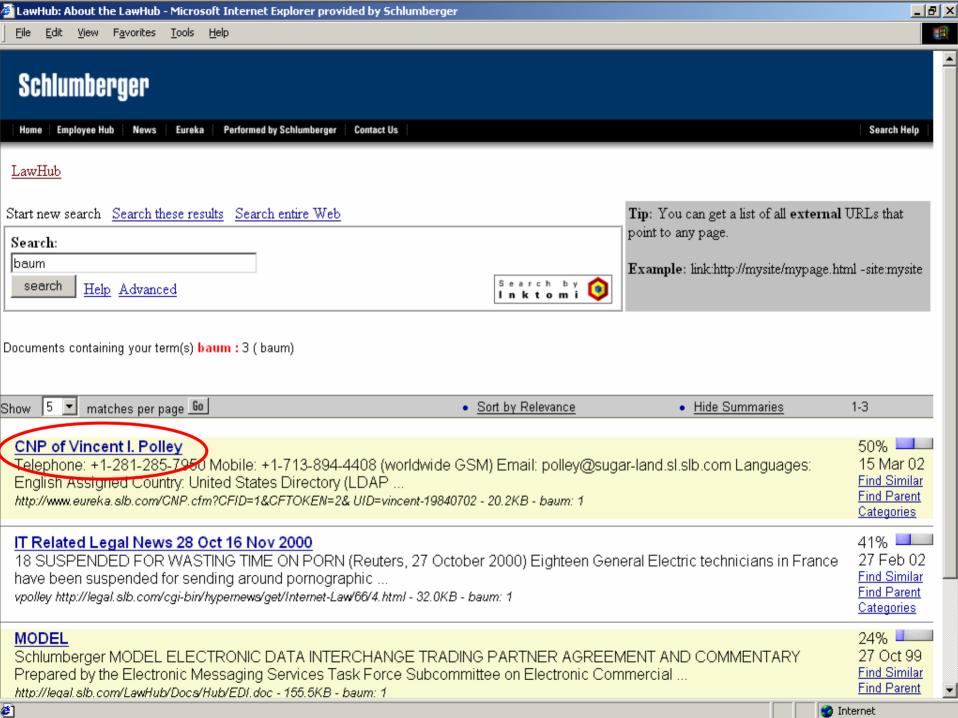
IT Training/E Interests Security

Security











#### Schlumberger

Employee Hub

Search Directory

Search Help

Welcome Vincent Polley! Admin Logout

#### Electronic Contracting, "E-Commerce" and "B2B"

Eureka

Schlumberger > Schlumberger LawHub > Practice & Support Groups > Internet Law and E-Commerce > Legal Subjects -- Internet/ecommerce

Contact Us

Electronic contracts, digital signatures (including cryptography), trading partner agreements (e.g., EDI).

Performed by Schlumberger

#### B2B Competition Law Issues

EU and US initiatives relating to the competition/antitrust law implications of B2B (Business-to-Business) internet trading arrangements. Summary ...

- o "E-Business Antitrust Pitfalls and How to Avoid Them" (July 2001) Web Extremely good briefing paper on the subject of antitrust/competition issues that can arise in a B2B electronic-commerce environment. (by the National Legal Denter for the Public Interest at http://www.nlcpi.org) (Posted by Polley 25 Jan. 2002) summary...
- o "Policing B2B Exchanges: Synchronicity or Ghosts in the Machine?" Defining the Role of Antitrust in the High Technology Revolution" (by David H. Evans, of Jones, Day -- 27 October 2000) Summary ...
  - <u>European Commission gives green light to B2B market places</u>
     a short summary of a recent Commission decision on emerging 2B2 market places and competition regulations (written by A. <u>Hrayssi</u>, 28 September 2000) summary ...

#### . Cryptography (Law)

Encryption technologies and rules (e.g., export controls, import controls, and "use" controls) summary ...

- o Encryption Law & Policy presentation ell powerpoint presentation by V. Polley, delivered to the SLB legal department in the internal December 1997 export law seminar. Summary ...
- o International survey of cryptography controls/laws Web

Maintained by Bert Jaap Koops in the Netherlands, this up-to-date web site is famous as the best world-wide summary of such laws. Summary ...

#### • Digital Signatures (Internet/ecommerce)

various materials relating to digital signatures, sometimes also called electronic signatures -- surveys of State and international laws, reports on evolving laws/regulations, work by the Internet Engineering Task Force (IETF) regarding Public Key Infrastructure (PKI) arrangements. Contact Vince Polley or Mike Hale. Summary ...

- CARAT Guidelines for CPS Development Guidelines for CPS Development Guidelines for Constructing Policies Governing the Use of Identity-Based Public Key Certificates. Final report of the National Automated Clearing House Association (NACHA), The Internet Council Certification Authority Rating and Trust (CARAT) Task Force (January 2000). (uploaded by Polley 24 May 2001) Summary ...
- o <u>Digital Signature database</u> Web web-site maintained by Simone van der Hof (organized along the lines of Bert Jaap-Koops' famous encryption law survey). Posted by E. Cornelissen 31 July 2000 summary ...
- O <u>Digital Signature surveys</u> Web
  Work-in-progress of the Internet Law & Policy Forum(of which SLB is a founding member). See also ILPF's discussion on <u>Certificate Authorities</u>, summary...
- o <u>E.U. Electronic Signature directive</u>

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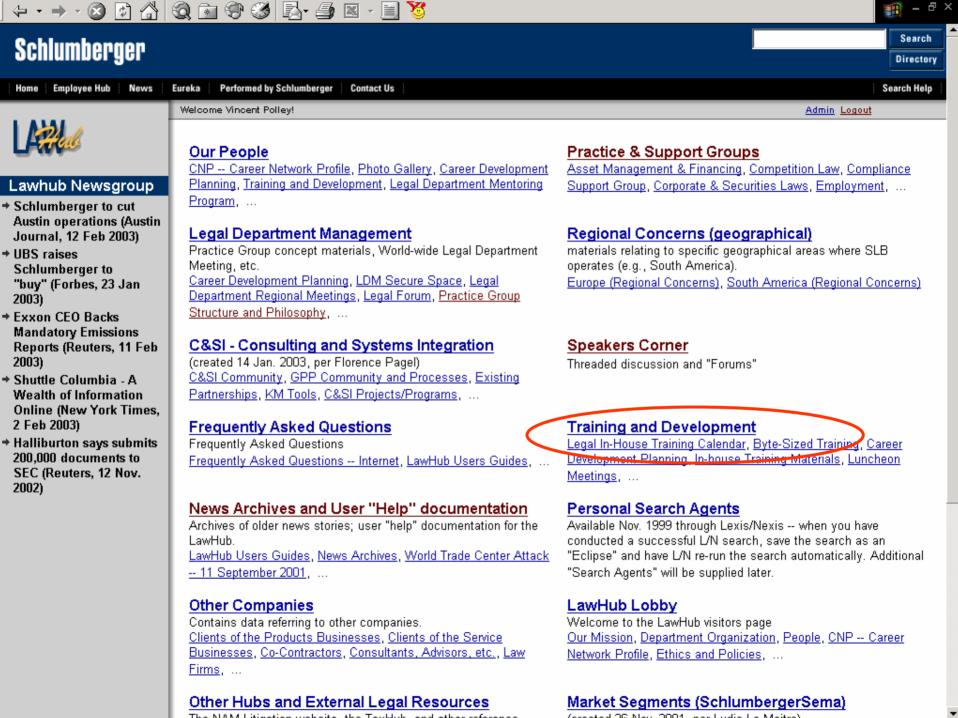
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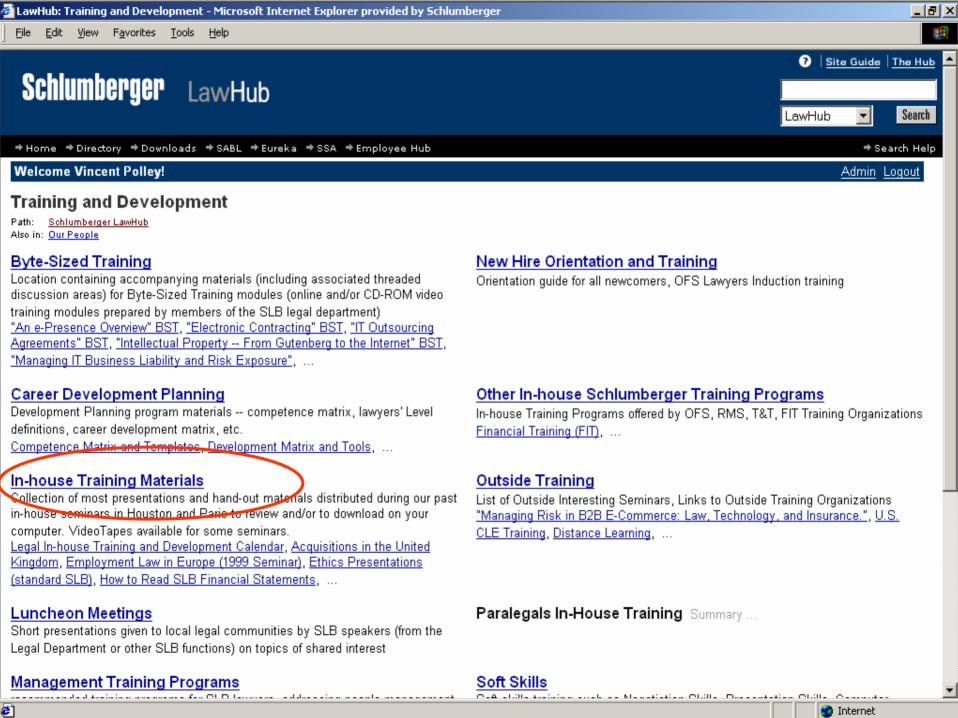
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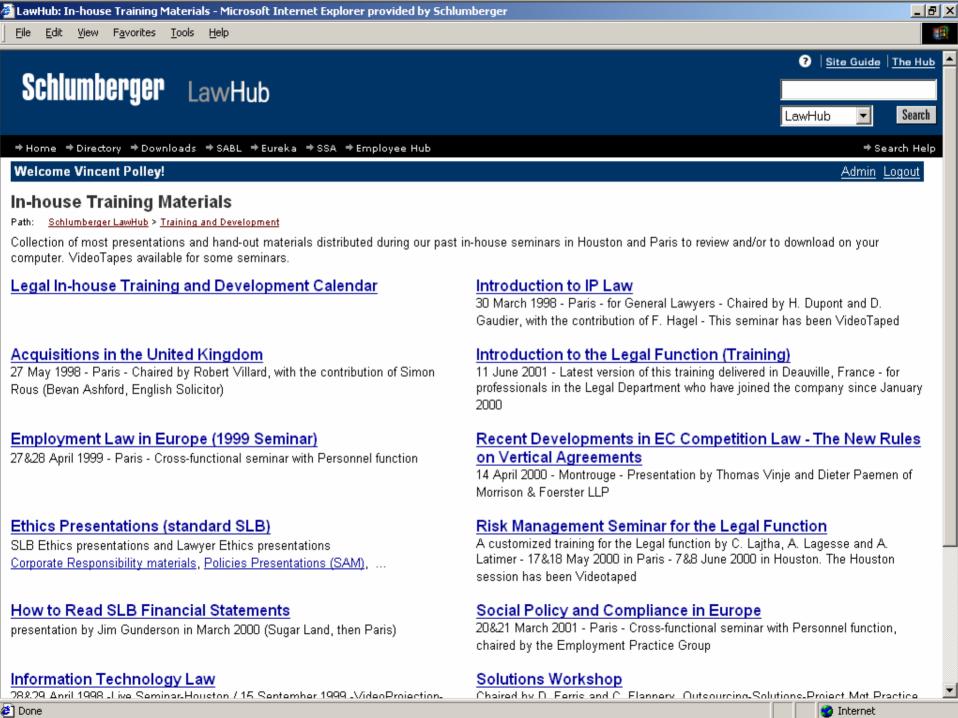
SIGs

Community Knowledge Interchange Knowledge Management Collaboration/Groupware IT Training/Education

Interests Security







## What Works

- "Pull" of highly usable content (borrowing)
  - Several stories of significant successes
  - Reporting the successes
    - Monthly "Frequent Surfer Award" program
- Effect of "Only place to go"
  - Abandonment of automatic remailers and BBs
  - Subscriptions to some PGs are high
- Practice Groups as training environments
  - Within the group; within the department
  - Motivational effect



#### What Works

- "Knowledge Sharing" on performance appraisal form
- Goals & Objectives; Salaries
- Annual reviews



## What Doesn't Work

- Ease of use
  - Don't overestimate IT affinity
- "Push" of highly useable content (sharing)
  - Time pressures
  - Line management awareness, understanding, and buy-in
    - Objectives
- A "disconnect" between lawyers' interests and the practice groups to which they were assigned



#### Lesson Learned:

## Key Technical Requirements

- Collaboration Space
- Ease of Use
- User Posting (delegable)
- Search
- Threaded Discussion
- Profiles
- Varying Access Levels



## Lesson Learned: Technology

- Real-time Collaboration Unneeded (?)
- Keep Control over Technology
- Keep Content Limited
  - Importance of Search



# Lesson Learned: Planning

- Top level support and engagement
- Communities of Practice
  - People, Process, Content
  - Early planning involvement
- LawHub concept design



## Challenges

- Non-Believers
- Time Pressures
- Change Management
- Technology



## Observations

- Top-Level Leadership and Participation
- Functional management support
  - Walk-the-walk, talk-the-talk
  - "Only place to go"
  - Dedicated personnel
- Involvement in planning, implementation
  - Senior managers, Practice Group "Chairs"
    - Can be the biggest obstacles
    - Effect of demonstration to junior lawyers



## Observations

- Alignment with Business (and Operations Management)
- Nurturing the Emergence of Communities
- Time Process and Culture Change Slowly



## In Retrospect...

#### Be More Systematic:

- Appraise
- Select
- Define
- Execute (and Train)
- Operate

- Change Management
- Measure, Review, Assess Repeat



## More Focus On:

- Training
- Basic KM Techniques (AARs, Peer Assists, Retrospects) – embed these in the culture
- Reinforcing Lessons and Examples
- Allocated Time to do KM



## We're Still Learning!

- Schlumberger
- BP
- ABA
- Other organizations

