Internet vs. intranet vs. extranet -?

what are they and how do they differ, interact and overlap

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Information Worker Activities

Searching for and reading information
30%

Interruptions
10%

Meetings
20%

Creating information
40%

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What questions will we try to answer?

- What are they?
- What's wrong with using a single application for both?
- Why do we use the same applications?
- Why can't I publish once to all apps?

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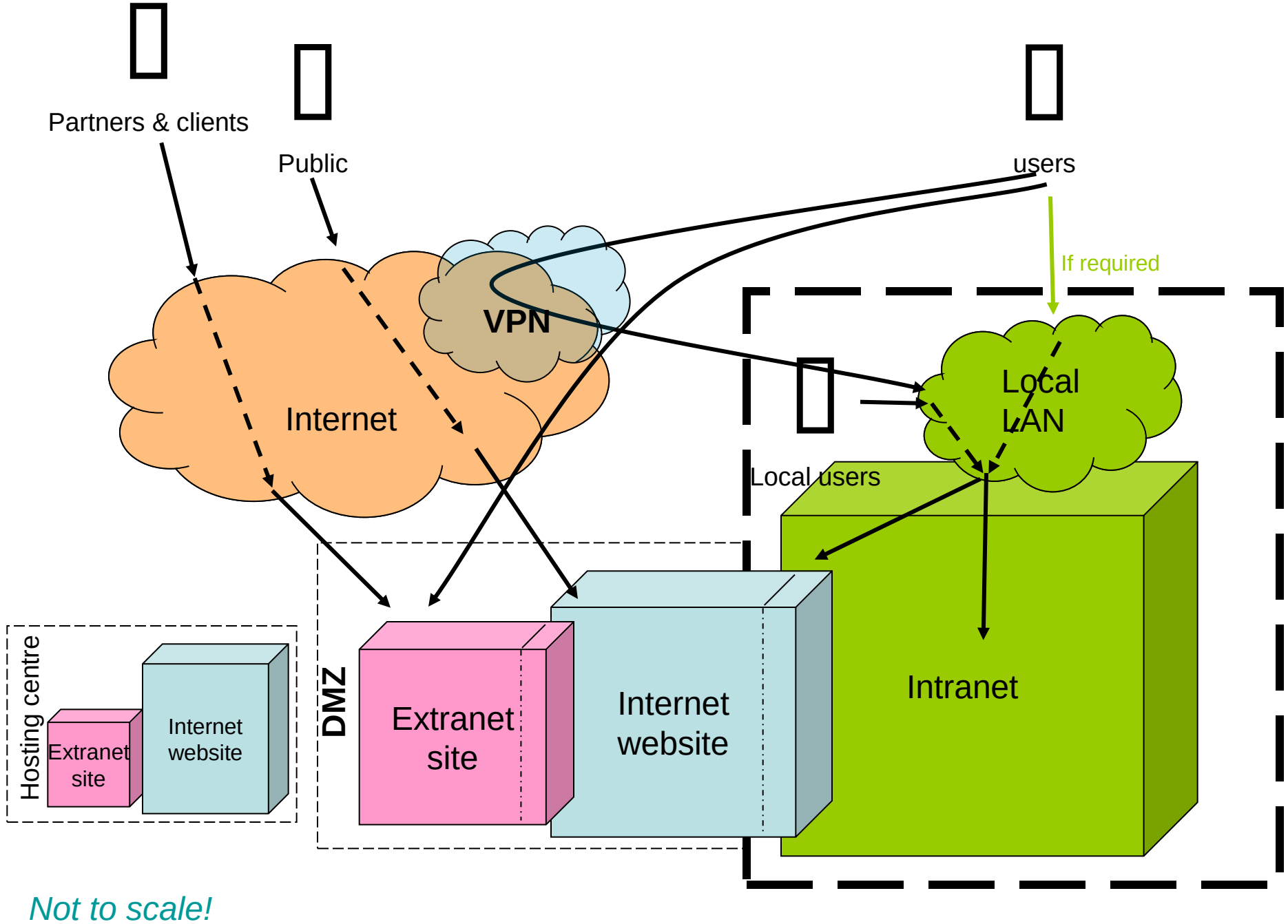
Wikipedia

- Internet
  - *“The Internet (also known simply as the Net) is the worldwide, publicly accessible system of interconnected computer networks that transmit data by packet switching using the standard Internet Protocol (IP). It consists of millions of smaller business, academic, domestic, and government networks, which together carry various information and services, such as electronic mail, online chat, and the interlinked Web pages and other documents of the World Wide Web.”*


Partners & clients
Public
users
If required
VPN
Internet
Local LAN
Local users
Hosting centre
Extranet site
Internet website
DMZ
Extranet site
Internet website
Intranet
Not to scale!

“One for all…”

- What’s wrong with using a single application for all three?

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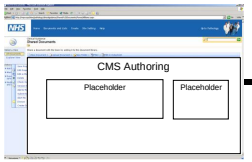
	No. of Responses	
Email	350	9%
Search engines	245	7%
Document management	242	6%
Web-based reporting	221	6%
Web content management	200	5%
Enterprise resource planning	197	5%
Security software	194	5%
Customer relationship management	176	5%
Application server software	160	4%
Data warehousing	157	4%
Web development tools	157	4%
Workflow	154	4%
Applications specific to operations	152	4%
Team workspace management	149	4%
Instant messaging	145	4%
Online meeting management	144	4%
eLearning	142	4%
Discussion forum management	141	4%
Analytic applications	139	4%
Business process management	102	3%
Knowledge exchange software	69	2%
Text mining	62	2%
Categorisation engines	60	2%

Intranet

Internet

Content stored in CMS



CMS content created from PCs on LAN etc.

Some content published exernally

Search

CMS

Mirroring engine

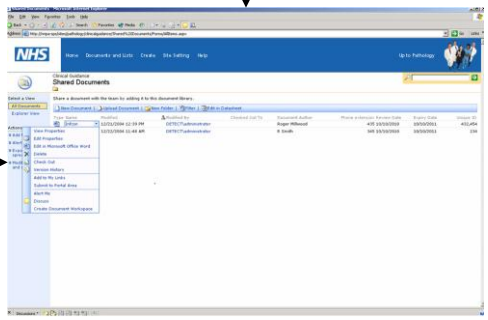
CMS

Search

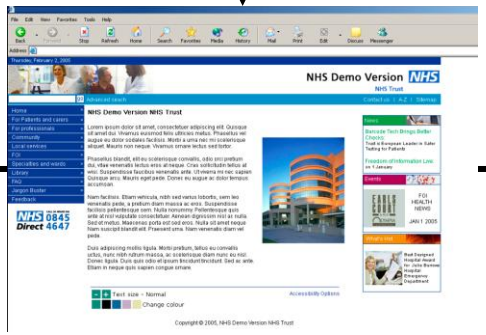
CMS extranet

Cother content displayed, managed and searched in intranet

Website displayed in a web part or full site on intranet



Selected documents listed in website, together with standard CMS content



Documents viewed, downloaded etc from CMS

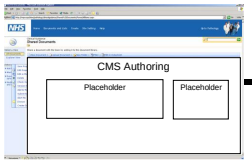
Inside

Outside

Intranet

Internet

Documents stored in SPS



CMS content created from PCs on LAN etc.

Selected documents pushed to CMS and/or WSS (optionally converted to pdf)

SharePoint

Publish engine

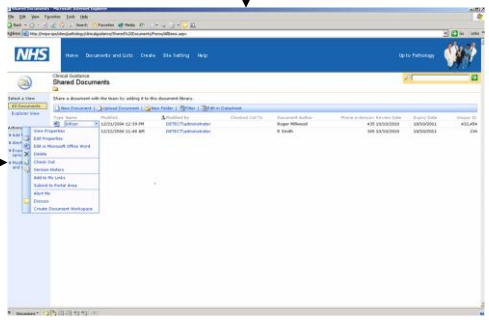
CMS

Search

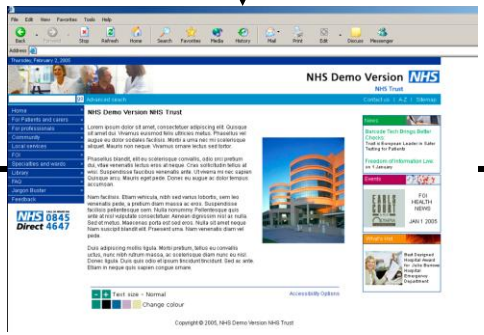
WSS extranet

Documents and other content displayed, managed and searched in intranet

Website displayed in a web part or full site on intranet



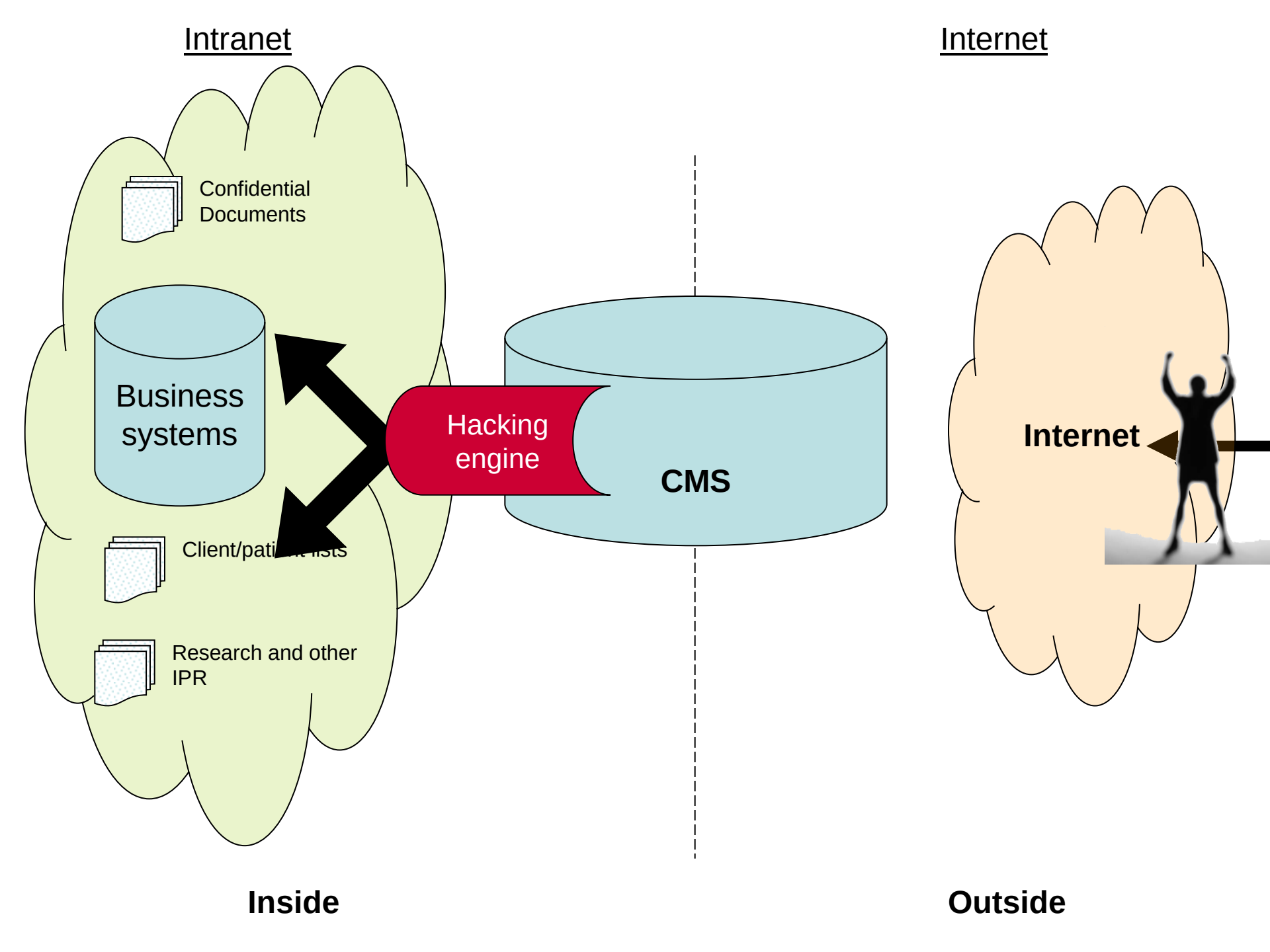
Selected documents listed in website, together with standard CMS content



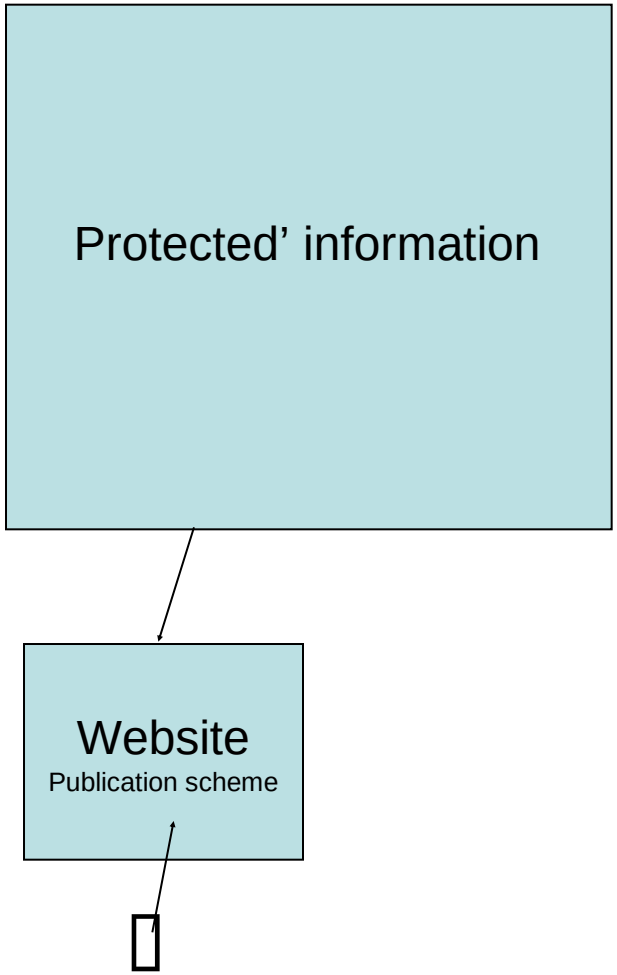
Documents viewed, downloaded etc from CMS

Inside

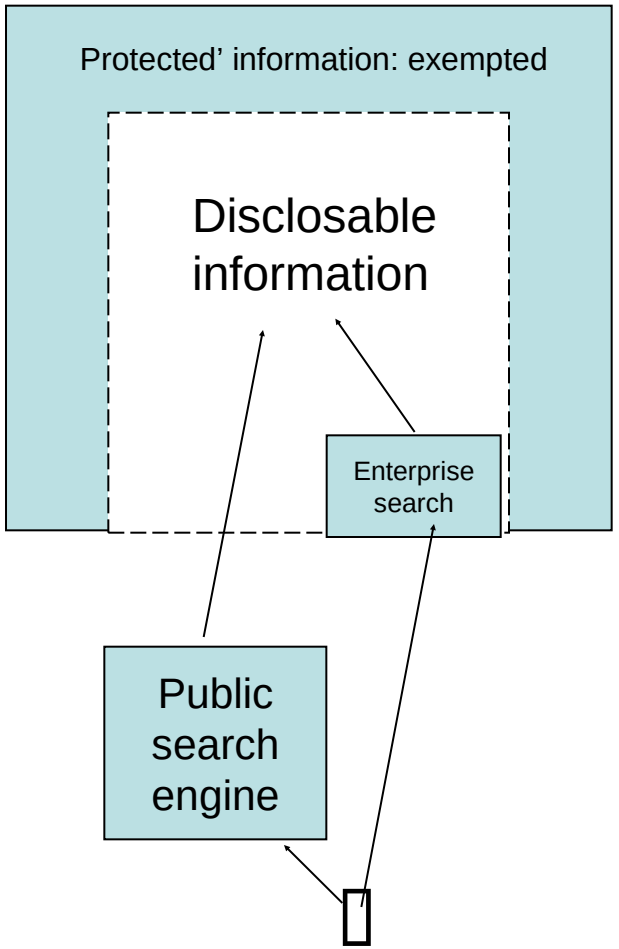
Outside


Intranet
Internet
Confidential Documents
Business systems
Hacking engine
CMS
Client/patient lists
Research and other IPR
Internet
Inside
Outside

Traditional approach



'Open' approach



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What about a single place for my content?

"The solution must store the content once and make it accessible from both the internet and the website"

	LAN	WAN
Performance	100Mbps+	10Mbps or less
Authentication	AD and SSO	Challenge response
Format	Documents and data	html

Security, Search, Storage, Cost

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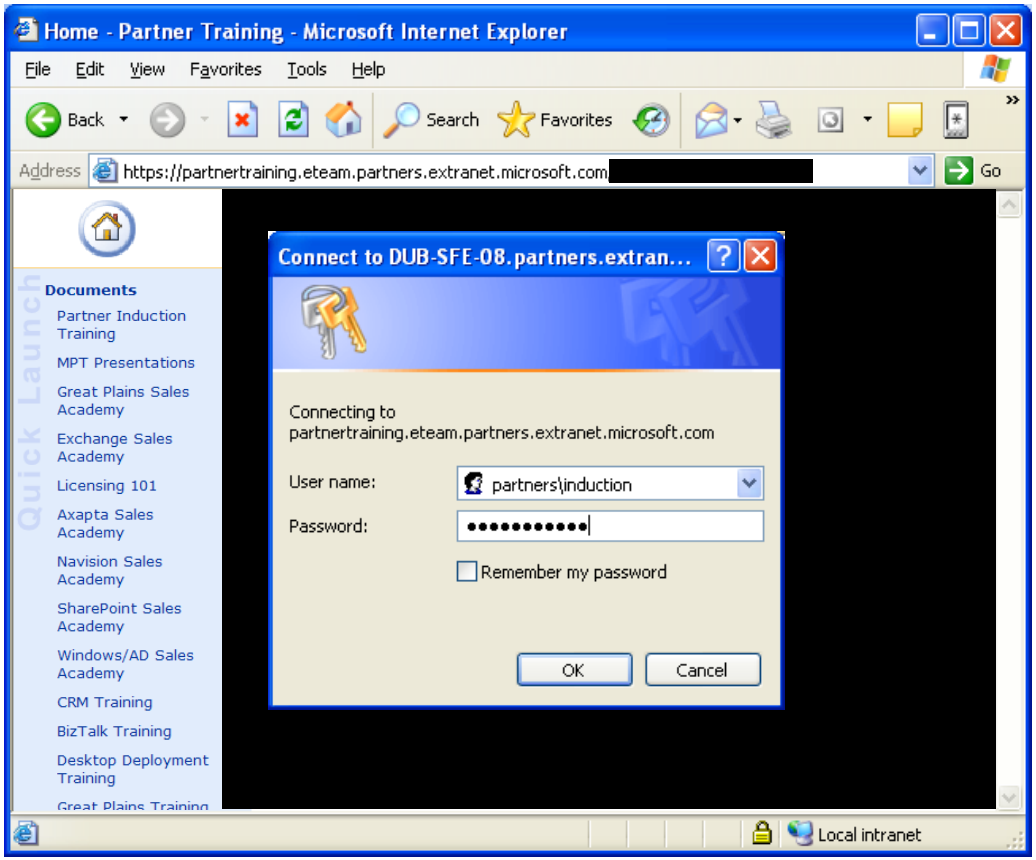
Extranets

- Are these separate?



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