Google Enterprise

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Overview

Search

Google Earth: Information in Geo-spatial context

SketchUp: Planning, design and virtual worlds



Google Corporate Overview

Current Index:	World's largest search engine
Employees:	5,680 as of December 31, 2005, many of whom are technical / engineering
Search Market Share:	More than 60% of worldwide search results served ¹
Enterprise Customers:	More than 3,000 customers to date
Office Locations:	More than 20 offices worldwide including Mountain View, New York, Boston, London, Tokyo, Hamburg, Paris, and Milan
International:	109 interface languages and 113 international domains



















Google's Mission



Organize the world's information and make it universally accessible and useful.



Google Enterprise

- Dedicated cross-functional team: more than 150 people
 - Leverages Google's core research and development
 - Delivers Google innovation as products
 - More than 3,000 active customers
- More than 100 percent sales growth in 2005 (versus 2004)









Our Enterprise Products



Google Earth Enterprise / Pro



SketchUp from Google



Google Desktop for Enterprise



Google Toolbar for Enterprise



Google Mini



Google Search Appliance 1001



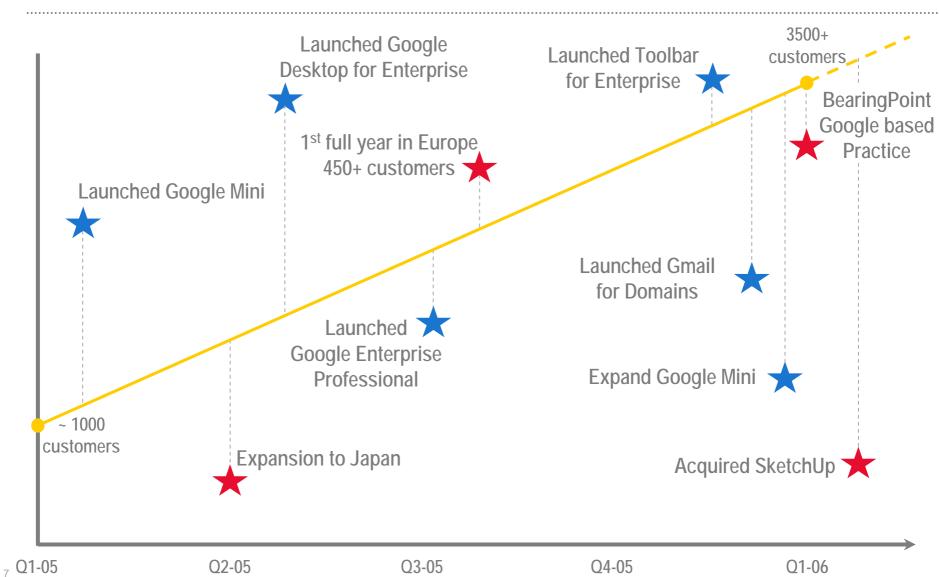
Google Search Appliance 5005/8008

User Perspective

IT Perspective



Google Enterprise – recent progress...



Overview

Search

Google Earth

SketchUp



Search in E-Government

- Citizen Facing
 - Connecting to Citizens
 - Citizen self-service
 - •Understanding what your citizens are searching for
- Employee Facing
 - Employee productivity



Corporate Network Search Issues

Too many information silos; issue for both employees and IT staff

Workers spend ¼ of their time looking for information



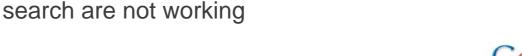
Google Confidential

Volume of email and documents exploding

Too much time spent managing search

If search doesn't deliver results, usage plummets

Traditional approaches to



Website Search Issues

Expectations for site search quality have increased significantly

Failed site searches cause visitors to leave your site



Search leads to purchase (online and offline)

Too much time spent managing search

Self-service support increases customer satisfaction and decreases costs



Google has raised expectations for information access

"Not only does Gmail have 2
GB of space, but it is pleasing
to the eye and very easy to
use and feel comfortable with.
It only took me about 2
minutes before I felt right at
home with Gmail and made it
my primary e-mail account.

Matthew Ron (2) Adam

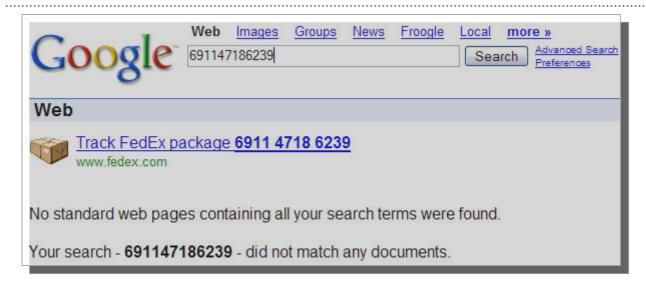
"A great side effect was that

Google Desktop revealed data
I forgot I even had on my hard
drive. It was the same effect
you feel when you come across
old photo albums stashed away
in a box."

"After searching Google, I was able to tell the vet that my sick labrador had Lyme disease and that all he needed was antibiotics."
 Google Search I'm Feeling Lucky
 - Damian

"Google Maps is better than looking at a real map. I can easily find places, move around the map, and even see the real satellite image. Its quite possibly the best application I've ever used."

And has become a gateway to the world's information





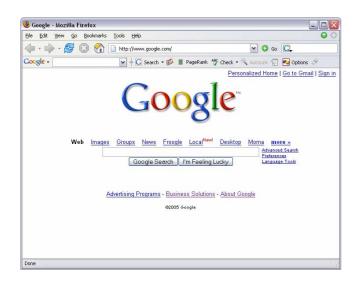
Consumer expectations have spilled into the enterprise

- Consumers and employees are one and the same
- Employees are fed-up with the inability to access information at work
 - Silos of information are the standard
 - Content management not scaling: meta-tagging, foldering, publishing
 - Cross-enterprise standardization & cooperation is difficult and rare
 - Business applications require too much training & expertise
- Enterprise customers and application vendors are searching for the answer



Our Philosophy: Focus On The User

Users want the same Google search experience in the company as they have on Google.com



Outstanding Relevance

Intuitive interface

Sub-second response times

Leverage tens of millions of testers



Our Philosophy: Simplicity for IT

We offer a complete search solution – not a "toolkit" that you piece together on your own

Software does the heavy lifting

Quality results without requiring meta-tags, customization and algorithm re-writing

A plug-and-play appliance

Fast to deploy, minimal maintenance

Discovers content automatically

Come-as-you-are approach to indexing



Flat pricing

Simple contract



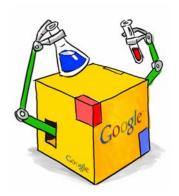
Google's Industry-leading Search Relevance

- Google search experience
 - Millions of searches per day
 - Hundreds of languages
- Google search R&D
 - 1000+ engineers working on search
- Enterprise relevancy ranking algorithms
 - Over 100 factors to determine relevancy including advanced hypertext analysis
 - More than just PageRank on the web
- Google relevancy keys:
 - Automation
 - Objectivity
 - Sustained improvement (driven by real-life data)

"Right out of the box, without any tweaking at all, the Google Search Appliance was more effective than the system we'd been working on for a year and a half."

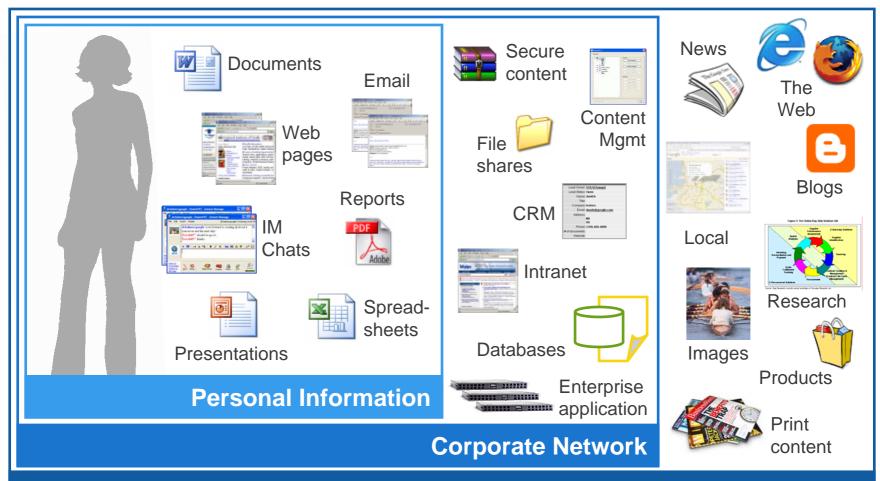
Brad Hochhalter







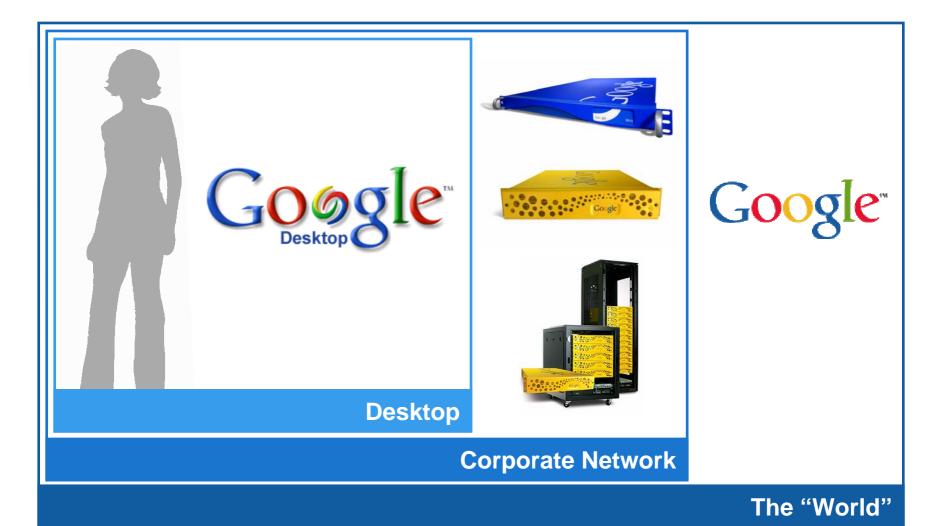
Our Philosophy: Unified Search



The "World"



Our Philosophy: Unified Search



All Your Enterprise Content

Enterprise Applications









Content Mgmt



Content Acquisition:

- Crawls 220 filetypes
- File system crawling
- Direct connection to databases
- Content feed API
- OneBox API

Google Search Appliance



Query Processing:

- Hypertext analysis
- Automated expansion
- Spellchecker

Results





Results Display:

- Standard Template
- Wizard
- Output in XML
- Customize with XSLT
- OneBox for Enterprise

20

Security

- Insure users only see documents they have permission to access
- Leverage your existing security system
 - NTLM
 - Basic Authentication
 - Single Sign-on Systems
 - Native LDAP Authentication
 - X.509 client certificates
 - Other systems
- SAML-based Authentication & Authorization API connects directly to other access control systems





Meta-data Indexing and Searching

- Automatically indexes metadata in documents
- Indexes externally-stored meta-data in databases or other systems
 - Document and Content management systems store metadata external to the documents
 - Meta-data generated from entity extraction or taxonomical classification
- Search can be restricted by metadata fields





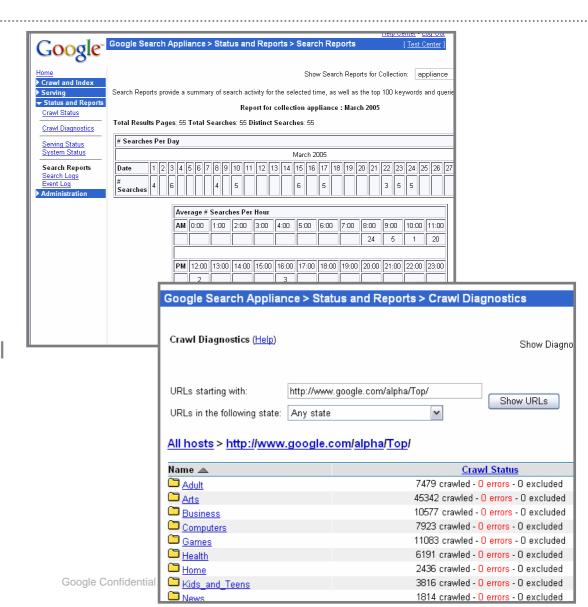
Robust Reporting

Query Reporting

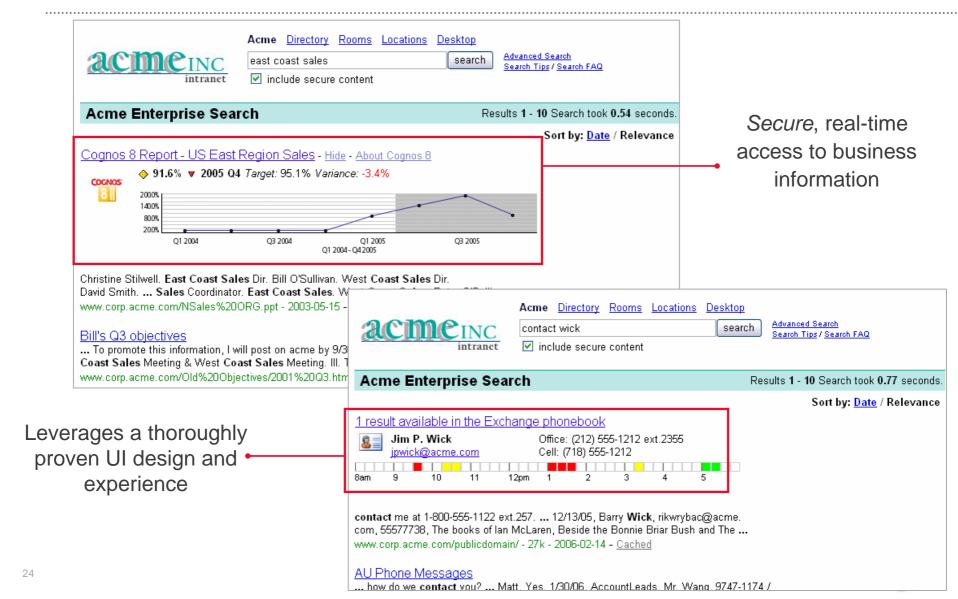
- Top search queries
- Total query volume
- Zero results queries
- Export to a log server or as a CSV file

Crawl Diagnostics

- View into upcoming crawl queue
- Status of every URL crawled
- Broken links
- Total number of pages crawled



Google OneBox for Enterprise

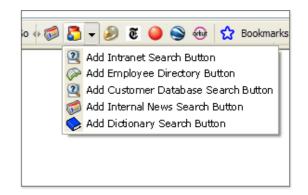


Google Toolbar for Enterprise



Google search right from the browser

- Easy access to Google.com or Google Search Appliance results
- Configured by IT to meet corporate standards
- Custom buttons enable search across any other repository
- Offers search suggestions (to complete your query) as you type
- Pop-up blocker
- Free download







Google Desktop for Enterprise



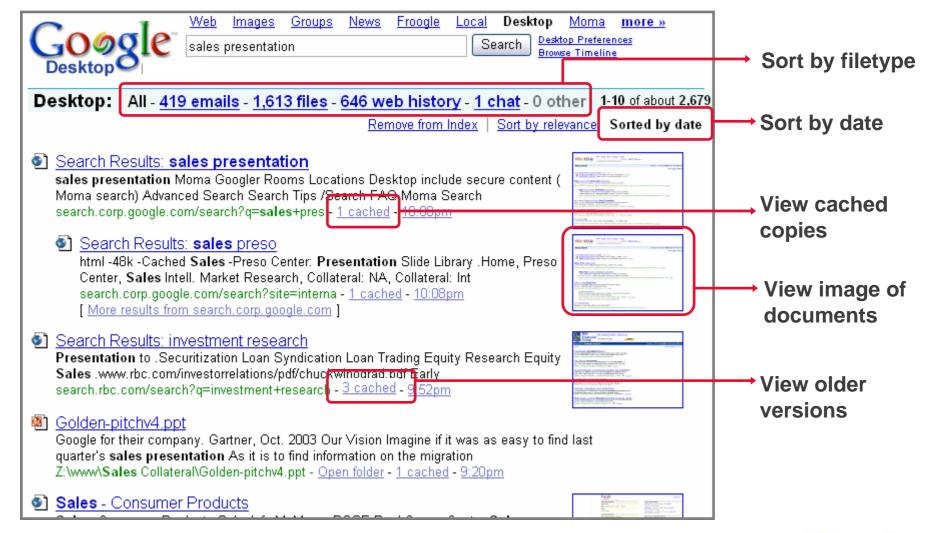


"One-stop searching" for corporate users: desktop, enterprise, and the Web from one interface

- Search Lotus Notes, Outlook, MS Office files, PDF, etc.
- Administrative control of preferences
- Encryption of all user data and index files with Encrypted File System (EFS)
- No user data or corporate information communicated back to Google
- Free download; premium support package also available

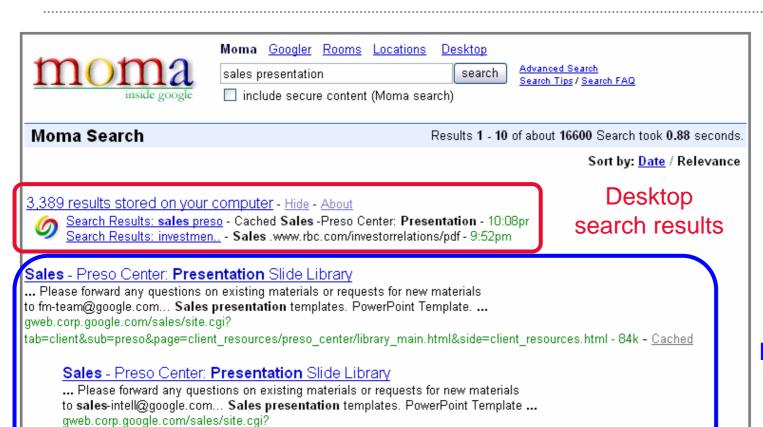


Google Desktop for Enterprise





Google Desktop for Enterprise



tab=client&sub=preso&page=client_resources/preso_center/library_main.html&side=marketing.html - 78k - Cached

Intranet search results

[мs роwerpoint] Building an Effective Sales Presentation

[More results from gweb.corp.google.com/sales/site.cgi]

Before You Start; Getting Organized; Presentation Checklist; Best Practices; Workshop. ...

Work with sales ren to determine. What is the audience of the meeting?



Overview

Our Understanding of Your Needs

Google Earth

Google Philosophies

Our Products



Geospatial Content

Google Earth

- Unlocks the value of your geospatial information
- Global collection of satellite imagery and mapping data
- Fast, intuitive interface for maximum ease of use





Editor's Choice 2005

"We were impressed with the technology—so much so we gave it our annual Award for Technical Excellence"



Google Earth Products

Free

- Address lookup, local search, directions
- Advertising supported personal, non-commercial use



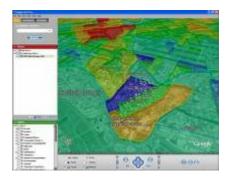
Pro

- Import data in text or GIS* formats
- High resolution printing
- Telephone support
- Faster performance (more than 2x Free)



Enterprise

- Create your own custom Earth
- Integrate large geospatial datasets
- Support thousands of users
- Connected or disconnected systems





^{*} Data import module required

Overview

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SketchUp



SketchUp from Google

Powerful and Simple 3D Modeling

- Allows order of magnitude increase in the number of people who can create 3D models
- Freely available download from Google

3D Warehouse

- Geospatial Wiki
- Enables a Community to contribute to and organise a virtual 'world'

Tagging and Linking

- Information from other systems can be displayed organised in Geospatial context
- Customize database results display







Muchas gracias Questions and discussion...