



Google Universal Search

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Head of Enterprise Partnerships January 24, 2008

Agenda



Overview

Search Challenges within the Enterprise

The Google Approach: Universal Search

The Google Search Appliance

Partnering with Google

Q&A



Our Mission







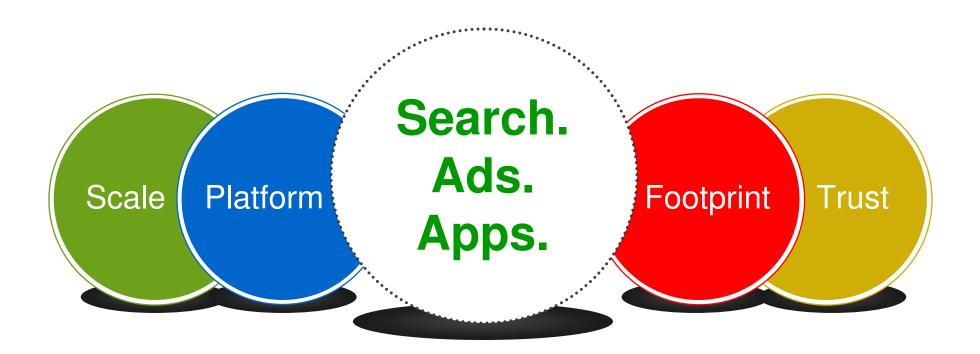




Organize the world's information and make it universally accessible and useful



Google's Strategy





Google Enterprise

- 600+ people dedicated to Enterprise
- Backed by Google's core research and development
- Provides Google-quality search across all Enterprise Content
- Delivers user-centric Apps that foster collaboration
- Over 10,000 active appliance customers

Mission:

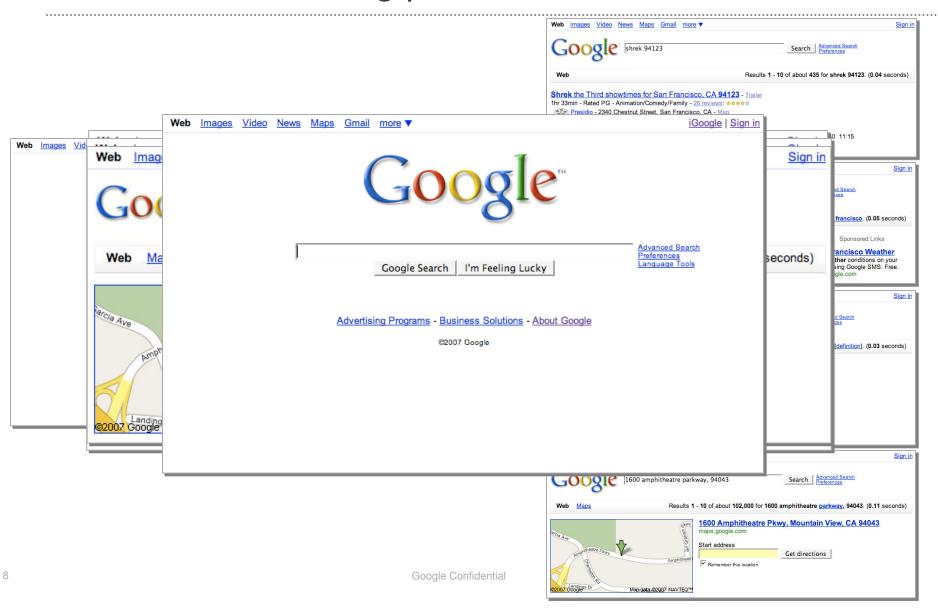
Organize your company's information and make it accessible and relevant to authorized users



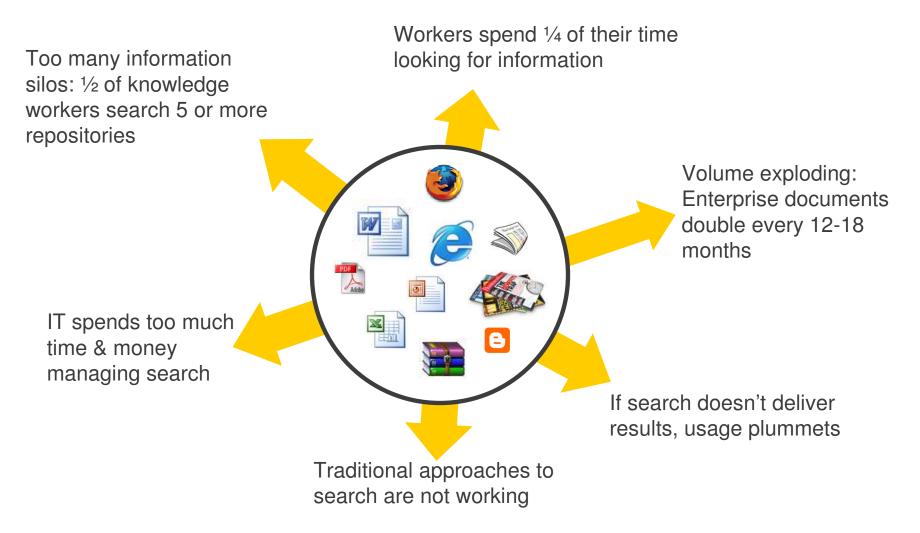


Search Challenges in the Enterprise

Search is the starting point to the world's information



Yet, in the Enterprise, information access is a big issue

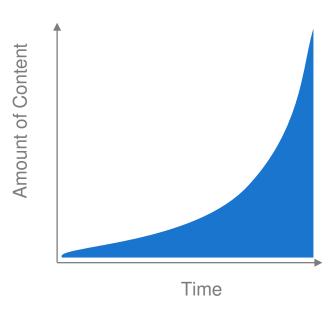




And the problem is only getting worse

Information overload...content is growing at greater than 80% per year

- Explosion of content
- Too many repositories
- Proprietary interfaces are hard to use
- Retrieval technology is not delivering relevant content
- Employees have different levels of information access

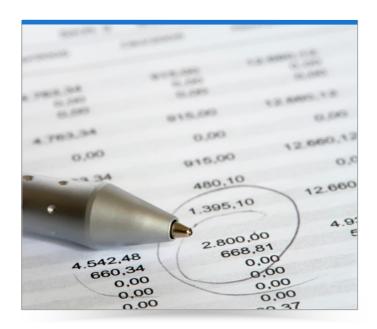


Users expect relevant results delivered quickly via simple interfaces. IT Administrators demand security and integration.



The Impact on Business

- Loss of productivity
- Frustrated employees
- Decrease in product quality
- Compliance risks



Not utilizing your intellectual property impacts your top and bottom lines





Google The Google Approach

Search is Google's key focus area

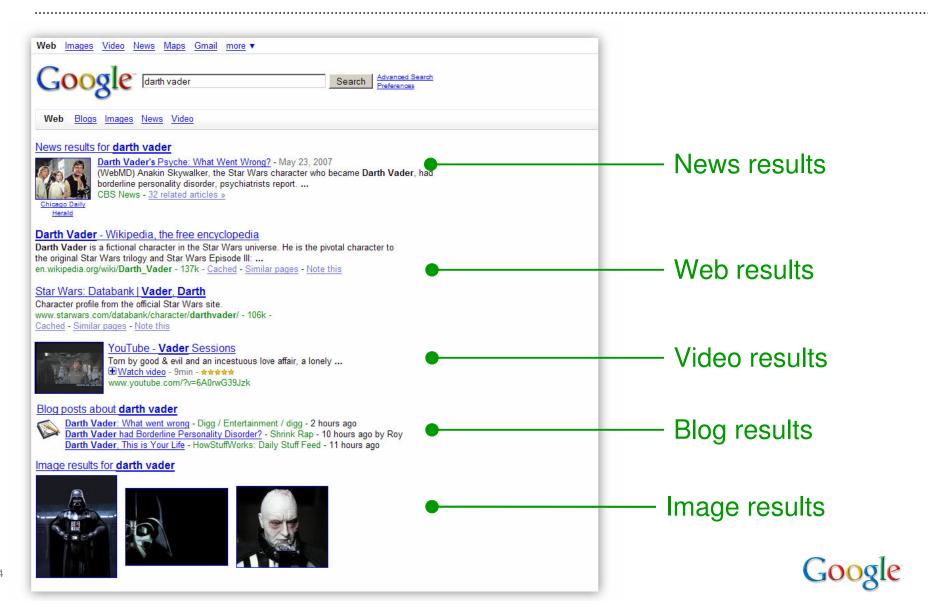






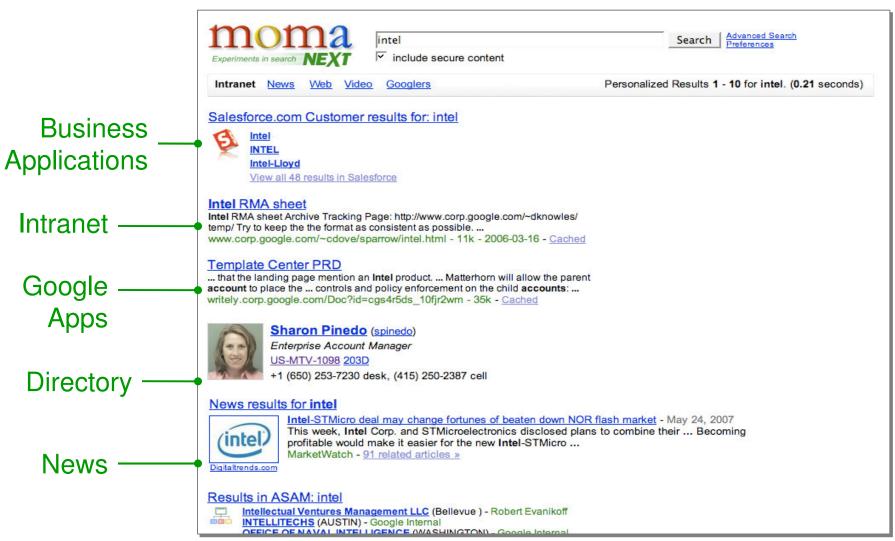


Universal Search - All queries, all corpora, all the time Introduced to consumers in May 2007



Universal Search for Enterprise

Even more important in the business environment





Benefits of Universal Search

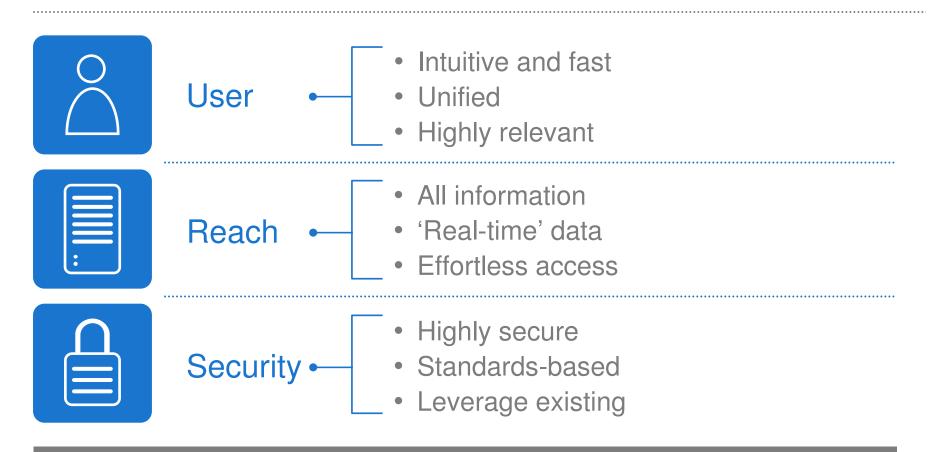
Enable employees to access the entire knowledge of the company

- Increases productivity
- Reduces duplicate work
- Saves time searching for information
- Better decision-making
- Improves value of information

Unified search across all your enterprise information



Google's Enterprise Search Philosophy



Increase simplicity and scale while decreasing cost and complexity



Google's Approach to Enterprise Search

Wouldn't it be great if your search at work was as good as Google?

Highly relevant results

Easy to use

Across <u>all</u> content

User



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Easy to setup and integrate

Highly secure

Powerful, extensible platform





Google Delivering on End-user Needs

Google benefits the end-user

Relevance

- Accurate, ranked results
- Self-learning spell checker
- Intelligent query expansion

Ease

- Intuitive Google interface
- Alternate search string suggestions
- Advanced search options available

Speed

- Sub-second search results
- Real-time content search
- Fast indexing of new content

Integration

- Unified access to all enterprise content
- Search via mobile devices
- Integrates with desktop search



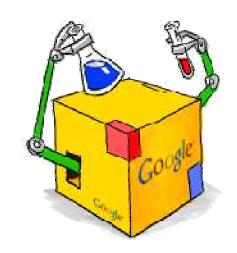






Relevance: industry leading

- Google's R&D and search experience
 - Millions of searches per day
 - 1000's of engineers working on search
- Enterprise relevancy ranking algorithms
 - Over 100 factors to determine relevancy
 - More than just PageRank on the web
- Keys to Google Relevancy
 - Automation
 - Objectivity
 - Sustained improvement (driven by real-life data)



The vast majority of Google customers surveyed switched to Google due to poor relevancy from their prior search provider





Relevance: what our customers say

84% of employees surveyed at Raytheon found the "right" answer in the top 3 results.

"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, Kaiser Permanente



Over 50% of Google customers surveyed switched to Google due to poor relevancy from their prior search provider.





Ease: simple, familiar search results







Conveniences users have come to expect

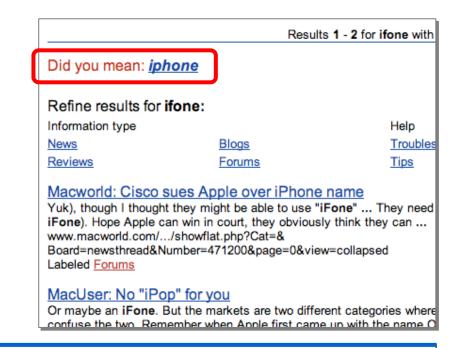
If the query is misspelled, does the user get any results?

The most comprehensive spell checker in the world

Learns from the web

Understands context

Self-learning system corrects company and corpus-specific misspellings



"The built-in spell checker is self-learning and does not have to be configured in any way. Very nice."

Chad Dickerson, InfoWorld



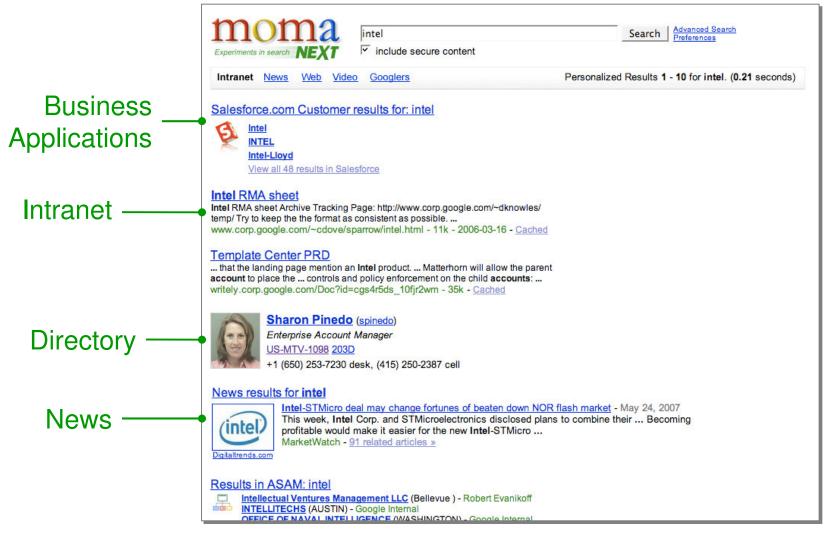


Speed: Sub-second search results

			took 0.33 seconds
moma inside google	Moma Googler Rooms Locations Desktor sales presentation sea □ include secure content (Moma search)	Advanced S	Sub-second search results
Moma Search	Results 1 - 10 of about 18900 Search took (Seconds.		
	Sort by: <u>Date</u> / Relevance		
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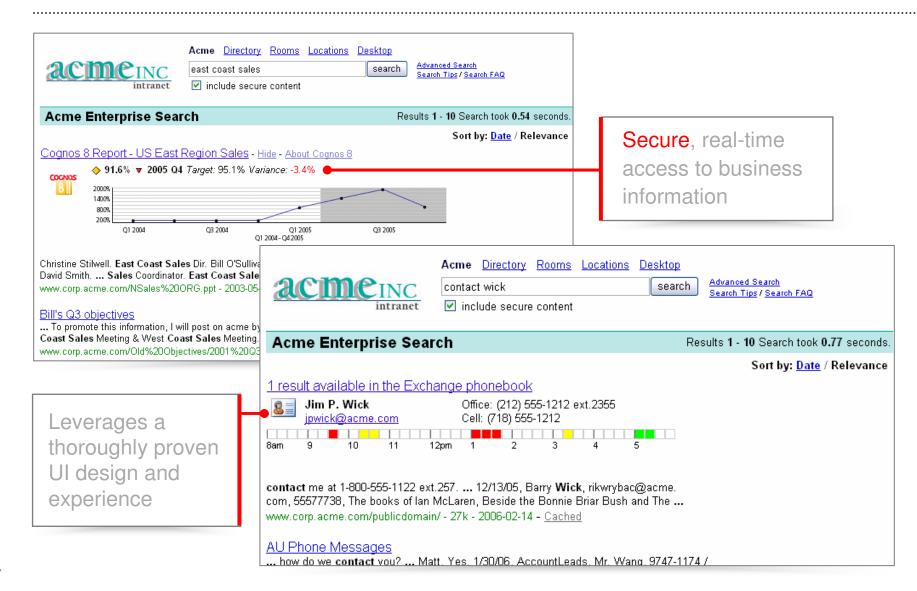
Integration: unified access to all content







Access to real-time business data with OneBox





Google IT Perspective: Simple, Yet Sophisticated

IT Perspective: simple, yet sophisticated

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, automatic indexing

Platform built to scale with you

Support your growing information needs globally

High level of security

Users only view what they are entitled to

Flat pricing

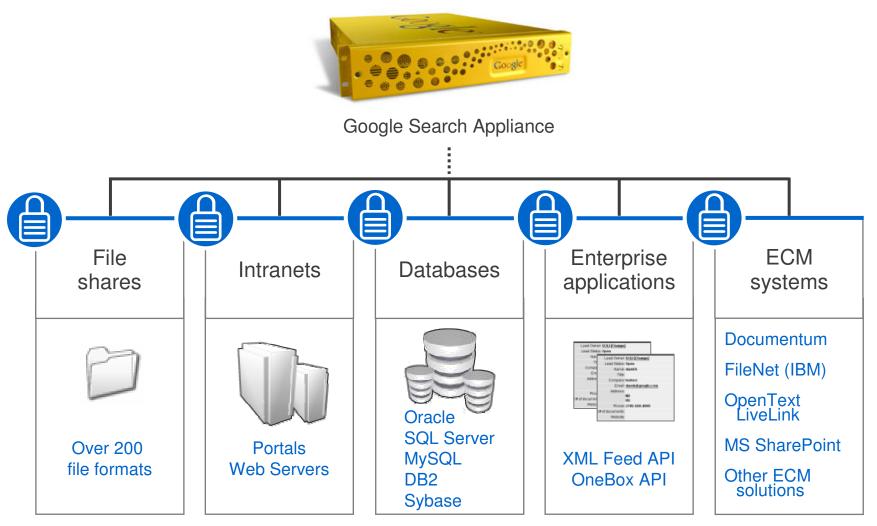
Simple contract

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All your enterprise content





Keeping all your content secure

Users can only access every single piece of information that they are entitled to view

Users cannot see anything that they are not entitled to view

Leverages your existing security systems

- NTLM
- Basic Authentication
- Single Sign-on Systems
- Native LDAP Authentication
- X.509 client certificates
- Other systems

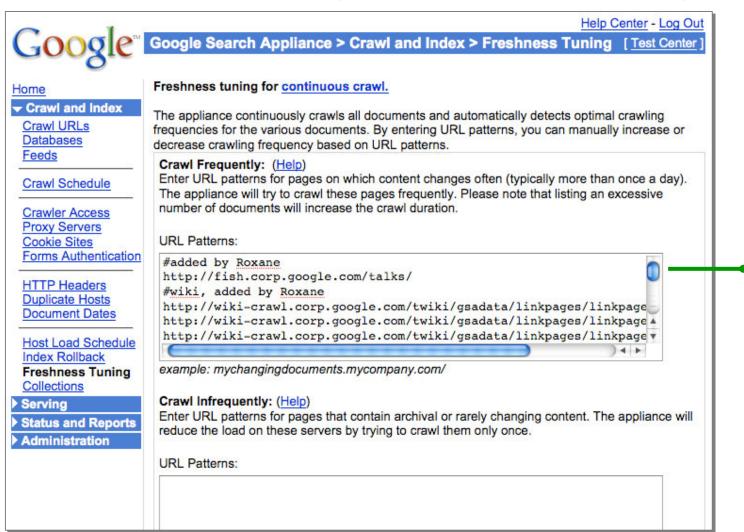
SAML-based Authentication and Authorization API connects directly to other access control systems





Intelligent continuous crawler

Content is automatically updated based on frequency of change



Full override control over the frequency which pages, sections, or sites are updated in the index



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





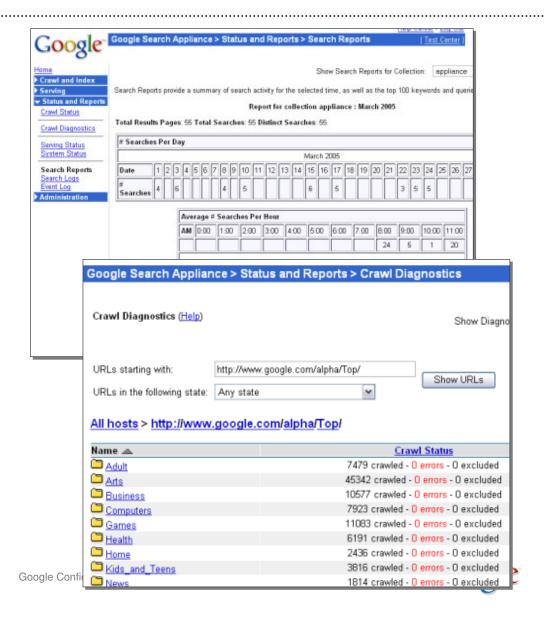
Robust reporting of crawl and serve behavior

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



Introducing the 5th Generation Google Search Appliance



Deliver Highly Relevant Results

- Date Biasing
- Search-as-you-Type ¥
- Wiki KeyMatch %
- Parametric Filtering §



Effortlessly Reach all Content

- Google Enterprise Connector Framework
- Documentum Connector
- LiveLink Connector
- FileNet Connector
- Sharepoint Connectors
- OneBox to Google Apps



Provide Secure Enterprise Search

- Windows Integrated Authentication
- Secure Filesystem Results
- SAML API Enhancements





Enterprise Search Product Line



Google Mini



Google Search

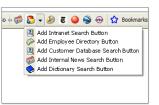
Appliance 1001



Google Search
Appliance
5005/8008



Google Desktop for Enterprise



Google Toolbar for Enterprise

- Small and medium businesses
- 50,000 to 300,000 documents
- Departments or mid-sized companies
- RAID disk drives
- 500,000 to 3MM documents
- Large companies or global deployment
- Automatic built-in redundancy
- 4MM to 30MM documents; unlimited option

- Enable employees to find email, files, media, web history, and chats instantly
- Powerful productivity features
- Easy access to Google, customized search buttons, instant search suggestions and a pop-up blocker



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Google Enterprise Partner Program

Our Partner Strategy...

Mission Statement: "A unified partner program that holistically embraces technologists, service integrators, resellers, service providers, and distributors and provides an environment for our partners to be successful financially and strategically with their businesses."

Vision: "To create a world class partner ecosystem through programs, operational efficiencies, and sales engagement, where it is mutually rewarding and beneficial for Google and its partners."



Simple, High-Value Partnerships

Enable partners to build their businesses on Google technology

- Access to Google enterprise technology
- World-class training
- Technical support
- Branding
- Co-marketing
- Sales opportunities
- Partner Rewards



Partner Rewards

Specific benefits for partners delivering value (and volume)

- Access to MDF
- Access to Rebates
- Opportunity Registration
- New Account Acquistion
- Procurement Protection



Partners: Service Offerings

Quick-Start Services

Customized User Interfaces

Content Repository (ECM) Connectors

Enterprise Application Integration

Heterogeneous Security Protocol Integrations

OneBox Modules for Enterprise Data Sources

Enterprise-Wide Search Implementation Best Practices

Architecture Consultation

ROI Evaluation for Search

Data Discovery Programs

Migration from Other Search Products

Paid Pilots or Proofs of Concept

Digitization of Content

Custom Solutions

Training



Why doesn't Google just do this on its own?

Google is fundamentally a product company

Focus on core competencies

No plans to create a services arm

Google products are self-contained, yet extensible via APIs



Partner Focus



Partners are the Key to our Success!



Questions?







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