

Why does a service company have an R&D Lab?

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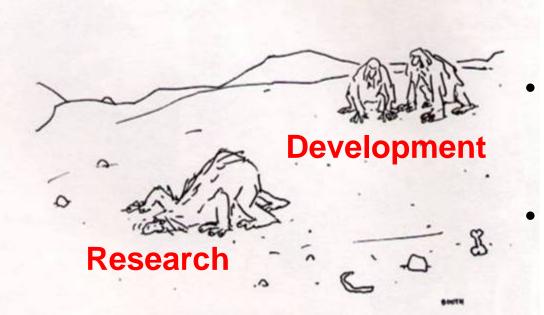


We invent applications of technologies, not the technologies themselves.

We highlight the world our firm and our clients will be working in within 3-5 years.

Mission and objectives

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150 dedicated R&D professionals across 3 labs: Chicago, Palo Alto, Sophia Antipolis, France

- 50 Researchers 3-5 year horizon
- 100 Development 0-3 year horizon.

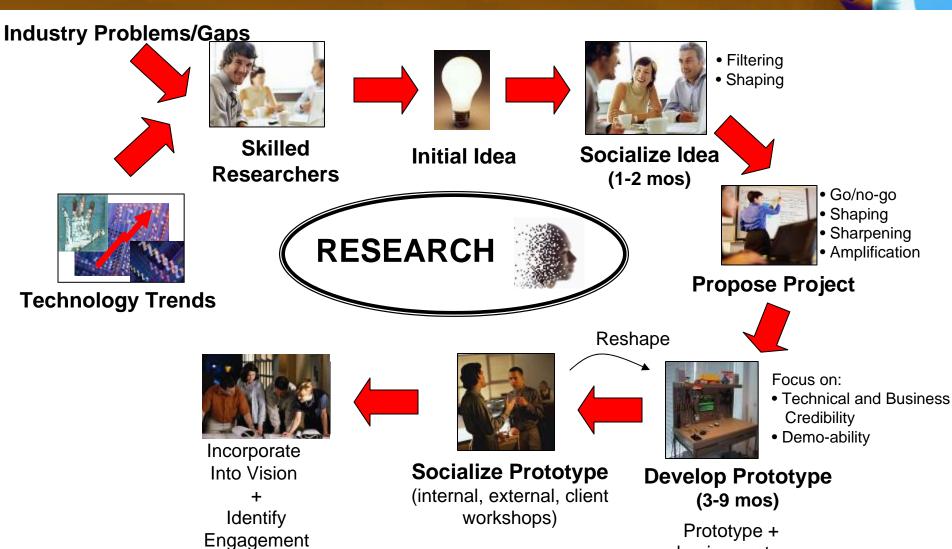
- Enable Accenture and its clients to capitalize on emerging technology opportunities
- Solve difficult problems for Accenture and Accenture's clients
- Identify and incubate new practice areas

The Research Project Lifecycle

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business story



• Identify other domains

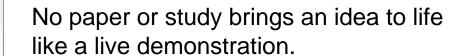
Opportunity

Build Concept Cars

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The development group has two key management functions.



Development = Idea + Technology + IP + Business + Capability

Technology Initiatives Leads

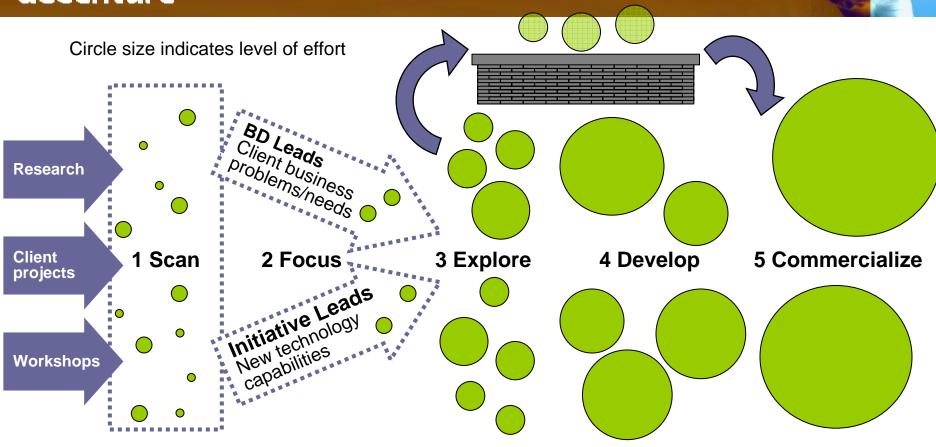
- Manage Asset Portfolio
 - Projects & IP
 - Asset connection & leverage
- Maintain area PoVs
- 'Guruness'
- Drive assets through commercialization
 - Idea harvesting & refinement
 - Commercialization strategy
 - IP protection
 - Technical experts

Business Development Leads

- Ensure Business Unit Relevance
 - Problem harvesting
 - Labs business education
- Business Unit Connectivity
 - Building network
 - BU Innovation Sessions
 - Market Offerings
- Business Development
 - Sell assets and Labs Offerings

Development Project Lifecycle





<u>Scan</u>

 Search for business problems and emerging technologies in the marketplace

Focus

 Cultivate an idea that applies new technology to solve a business problem

Explore

 Build out "just enough" to get OG or SL buy in

Develop

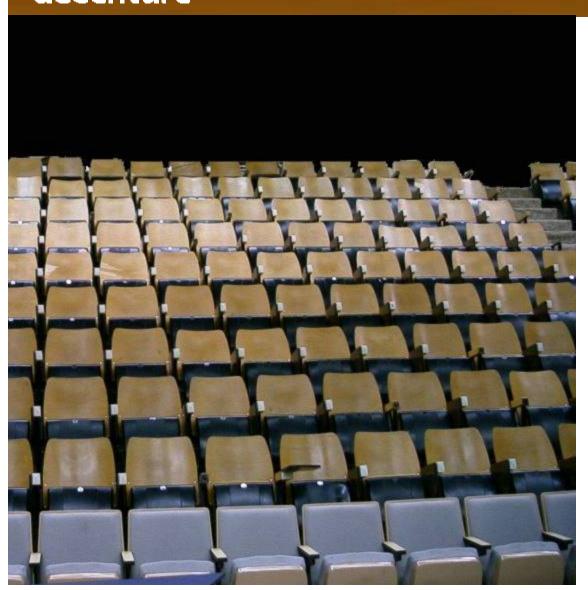
 Develop hard assets in most cases with a client and/or OG/SL investment

Commercialize

 Promote asset take up through variety of commercialization channels

If you build it, unfortunately, they won't come. Sad, but true. accenture





We used to build projects, and wait for our industry liaisons to come knocking.

Pull doesn't work reliably. It has to be pushed. Hard.

Business development leads know the lab's work and know the business units.

How do you target innovation?

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Have I got a deal for you...



Instead of selling your proven services, how about risking your client relationship on this weirdo thing we've never deployed, oh, and we're not entirely sure it works?

Come on!! It's Innovative!!!

Best Practices Summary



Research



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Socialize new ideas early, to multiple audiences.



Intellectual risks from the leadership creates "intellectual room" – and challenges - for the lab.



Bring ideas to life through "concept cars".

Development



Push innovation through Integration to business units.



Don't fight success, find individuals with something to prove.



Get buy in to ensure commitment.

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Reality Online is our ability to sense the world in real time, represent that world in systems, and take action





A Series of Waves of Innovation have defined the applications we use. accenture



What's next?







Connectivity

Computation

The rise of the insight economy

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The recent waves of innovation are beginning to pay dividends in the form of a wealth of new data.

Insight – the ability to think and act based on what we sense – will be the next differentiator.

The result: An Insight Economy:

The ability of enterprises to perceive and respond to threats and opportunities at scale.



The Insight Economy: Scope

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Business Process Data



Physical Sensors

New Sources of Data are enabling a new class of applications.



Personal Data



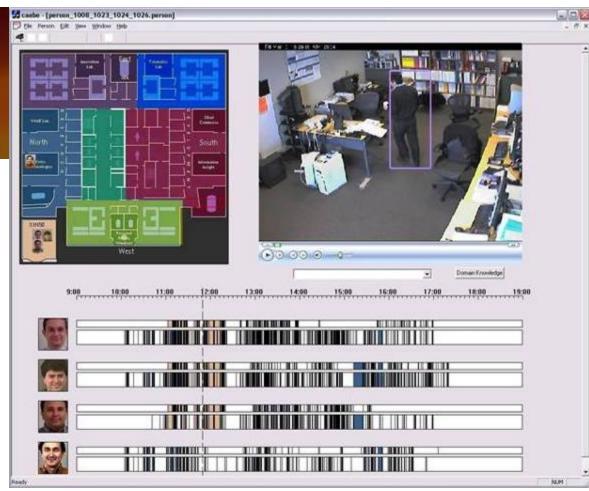


Sensor Fusion



From Sparsity to Redundancy







Sometimes a lot of data says very little.

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What do these purchases say about this customer?

CustID	Date	SKU	Total
3477721	03-06-94	455523331	45.99
3477721	08-21-94	344610990	119.34
3477721	02-12-95	993345112	56.74
3477721	04-17-95	600933455	124.59
3477721	11-21-95	877331123	41.97
3477721	03-12-96	647539822	76.48



Impoverished data can be enhanced with alternative sources.



Product information captured with transactions is typically limited to little more than SKU, size, brand and price.

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Stylistic attributes are unknown but are very informative.

Marketing descriptions are designed to convey a particular image to customers. These descriptions implicitly contain more elusive attributes.

Product Profiler analyzes this copy to extract such attributes as style, formality, and trendiness.



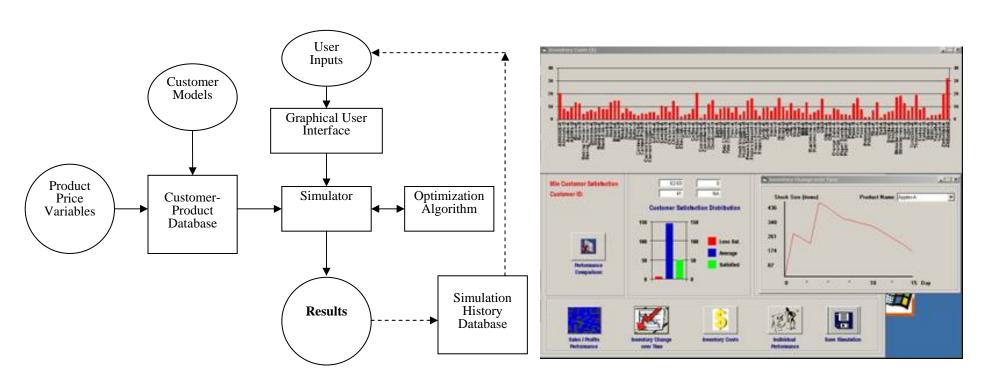


Last Item Browsed: Laundry by Shelli Segal Embrodiered Chiffon Dress			
Modern			
Sportswear			
Bridge			
3			
4			
3			

Personalized Pricing Tool

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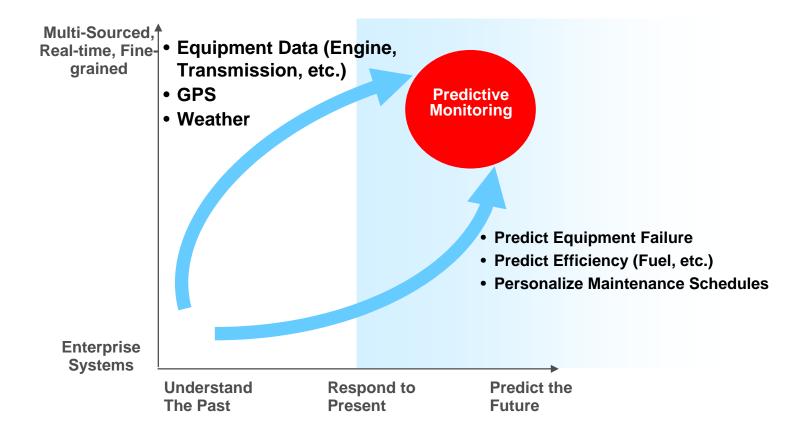
System Architecture

Graphical User Interface



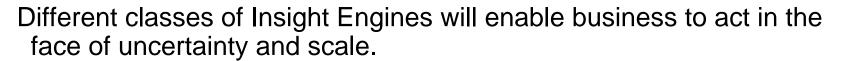
Predictive Insight





Example: Metro St. Louis

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Example:

Predictive Insight:

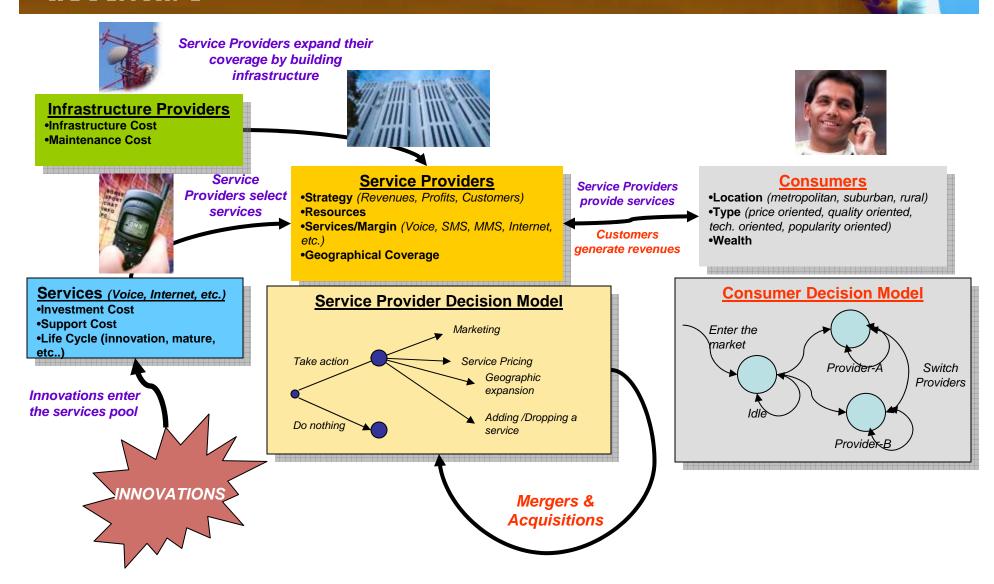


Real Time Fault Prediction Engines



Industry Complexity Analysis and Simulation Tool

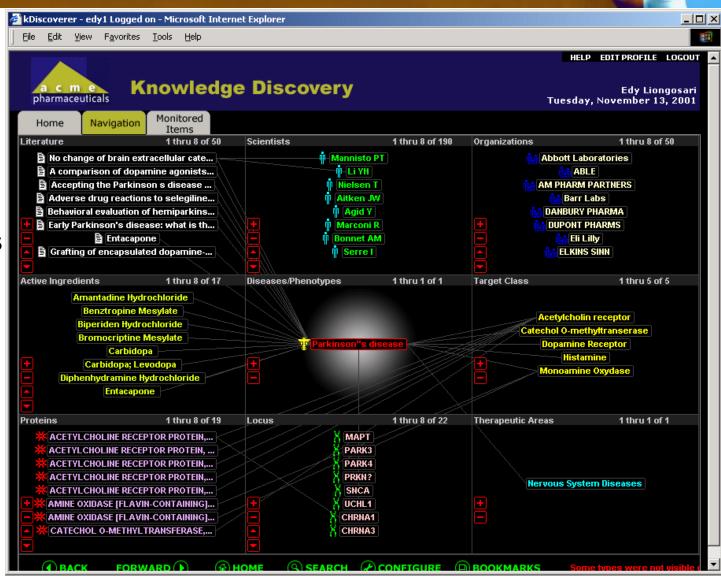
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Knowledge Discovery

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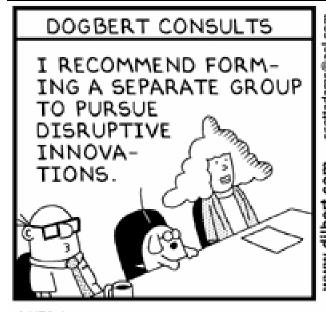
How can knowledge workers who use disparate sources gain a coherent view of available information?



A second opinion...

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