Tuning into Consumers' Digital Signals By Location

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Oct. 25, 2011



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Slides: www.immr.org/downloads/streetfight2011.pdf





Topics

- What are Consumers' Digital Signals?
- Why are Digital Signals Important?
- How are businesses using Digital Signals?
- Overview the Digital Signal Ecosystem
- What is the role of the Location Layer?







Tuning into Consumers' Digital Signals

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October 2011

Acknowledgement:

This whitepaper is co-sponsored by <u>GeolQ</u>. The author would like to express his appreciation for the input, feedback and support provided by GeolQ. The opinions and views expressed are those of Dr. Phil Hendrix.

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Example - Anatomy of a Tweet

Digital Signals Ecosystem

Consumers' Digital Signals

How Digital Signals Impact Business Results

How Tuned into Digital Signals is Your Business?

Time and Location - the Pivotal Links

Beyond Listening - Managing and Optimizing Digital Signals

Symptoms your Business is Not Tuned into Digital Signals

Download copy of whitepaper at www.immr.org/digitalsignals.html

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Some Examples























What are Digital Signals?

Digital Channels

Internet

- Websites
- Search
- MicrositesAds

Social

- Publish
- Discuss
- Share
- Review

Mobile

- Apps
- 2D codes
- Location
- NFC

Interactive

- Social TV
 - 00H

Digital Signals





Traces produced as consumers interact with Digital Channels

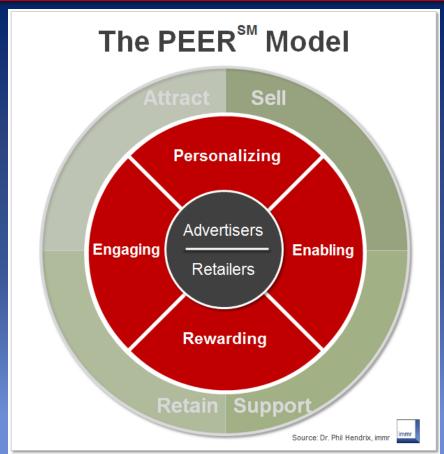




Companies Engaging Consumers

Marketing Advertising Promotion Customer Service PR SEM SEO SMO[†]











Why are Digital Signals so Important?

In real-time, on a massive scale, at no cost, Digital Signals reveal:

Consumers'

- Attitudes
- Motivations Experiences
- Plans/Intentions

- Interests
- Values
- Questions
- Responses

- Opinions
- Activities
- Connections (Dis)satisfaction

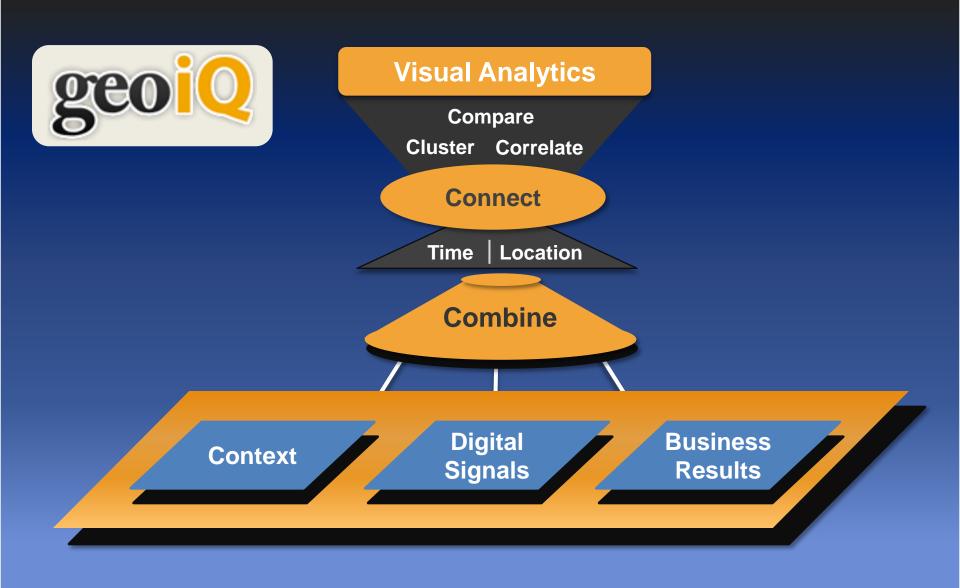
Location

Context

Connections











Challenges in Harnessing Digital Signals				
Challenge		Significance		
Data	Data Volumes = "Big Data"	•		
	Mix of Structured, Unstructured Data			
	Streaming Data Colatile, Perishable	$\overline{\bullet}$		
Linkages	Missing Metadata (source, location, etc.)	$\overline{\bullet}$		
	Contextual Data Incomplete	-		
	Disparate Data in Disconnected Silos	•		
Relationships	Reach, Influence, Impact Vary	•		
	Benchmarks Lacking	•		
	Viral Effects Unpredictable	—		
Organization	Splintered Responsibilities, ad hoc Efforts	•		

Key	Most Significant	—	—	Least Significant
	•	•	igorplus	•

Significance reflects the degree of difficulty in dealing with the challenge, given the status quo (data, solutions, and practices)

Data Sources and Solutions for Digital Signals













KARMASPHERE







































collective intellect





















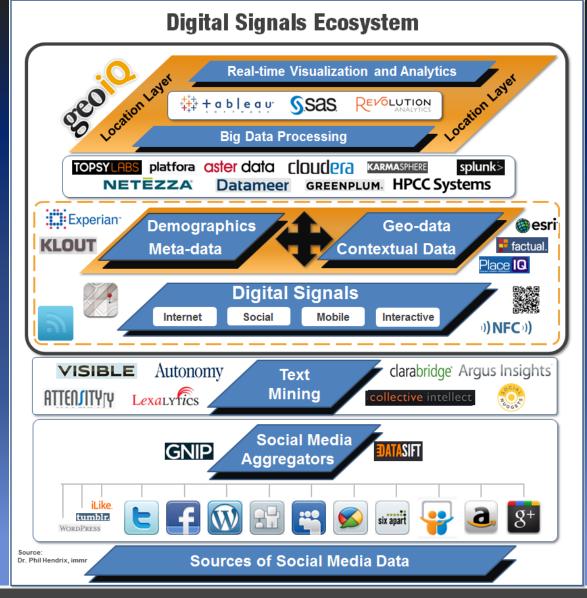


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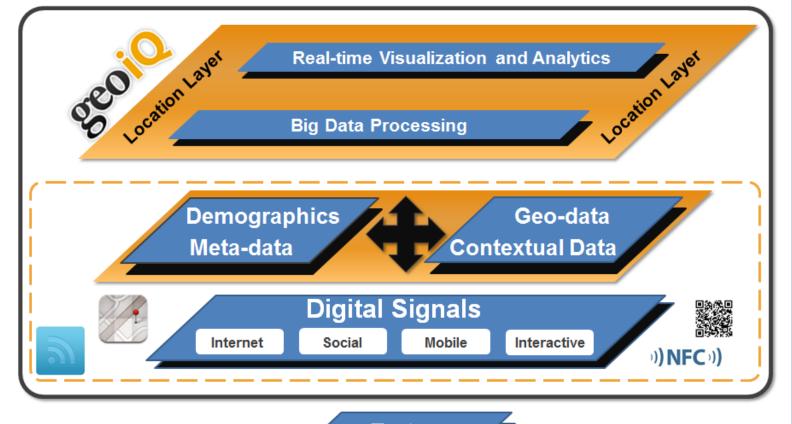


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Digital Signals Ecosystem

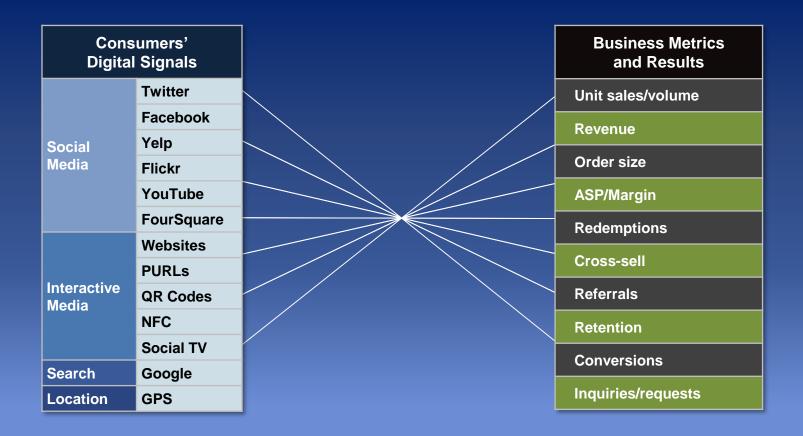


Text Mining

Social Media
Aggregators

Source: Dr. Phil Hendrix, immr **Sources of Social Media Data**

The \$64M Question – How Digital Signals Impact Business Results



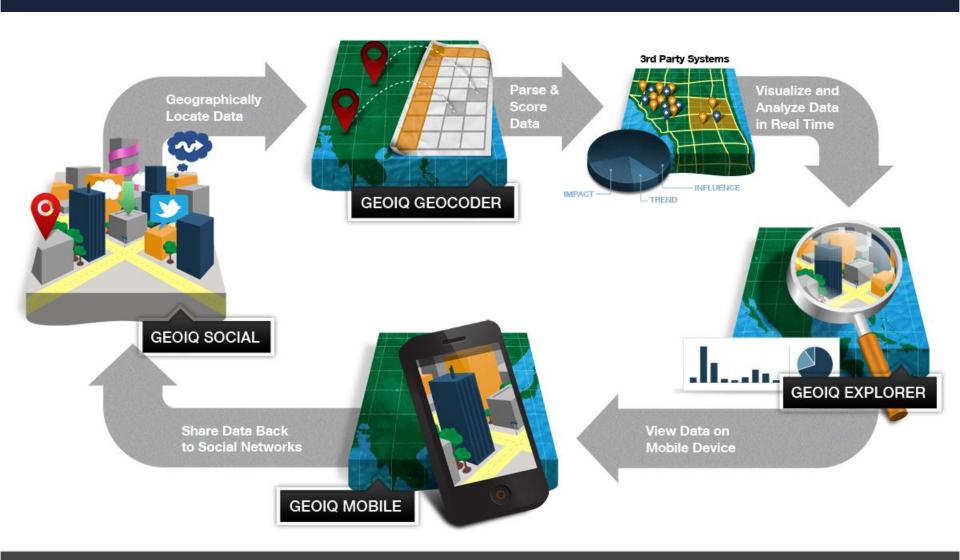




How Tuned into Digital Signals is Your Business?

Measures	Measuring (i) the most relevant Digital Signals (ii) at the right level	
Speed-Latency	2 Little lag/latency in processing Digital Signals	
Sensitivity	Changes, trends in Digital Signals detected in a timely fashion	
Metadata	4 Digital Signals' metadata (especially location) leveraged	
Context	5 Relevant contextual data appended	
Reporting	6 Digital Signals reported by geographies tailored to business	
Coordination	Timing of marketing, SMO, other efforts coordinated with Digital Signals	
Impact – ROI	8 Impact of Digital Signals on Business Results quantified	
Visual Analytics	9 Results displayed in a visual, intuitive manner accessible by end-users	
Alignment – Optimization	Efforts aligned, investments in Digital Signals optimized	

Optimization





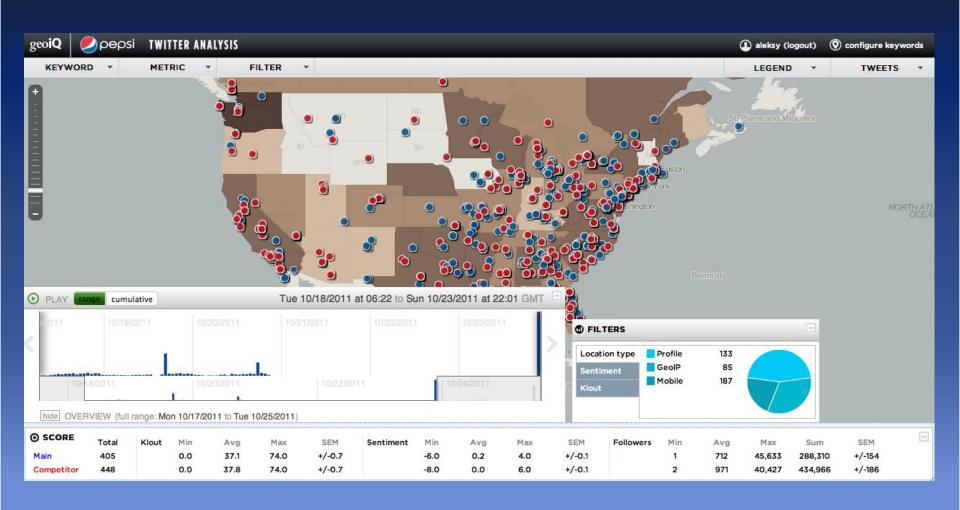
For Journalists

Mission Loc@l:

Our audience appreciates the use of maps for stories that are location specific or geographically important. We have employed maps in our crime coverage, visually displaying what crimes have happened where rather than going the traditional police blotter route. But with a new class of students eager to find new ways to visualize complex data over space, we have turned to Geocommons [powered by GeolQ].



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Thank you!

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