# NUANCE

The experience speaks for itself.™

### Google'izing – Search goes Mobile

Münchner Kreis "Wachstumsimpulse durch mobile Kommunikation"

Dr. Stefan Ortmanns

NUANCE

22. November 2006

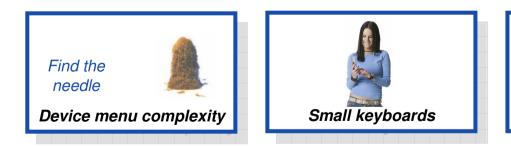
### Google'izing - Mobile Search

### Mobility triumphs

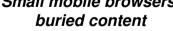
Mobile devices are important to get informations

- 700 million cell phones growing to a billion in 5 years
- By 2008, 50% of all cars will have or offer speech
- 4.3 billion pages of content on Google alone

. . .











### The Speech Experience is Ubiquitous



Search & Communications (Dozens of Innovations Worldwide)



Fields of Speech Solutions



Dictation (Millions of Daily Users)



Customer Care (7 Billion Calls Annually)





Mobile Phones (50 Million Handsets in Market)



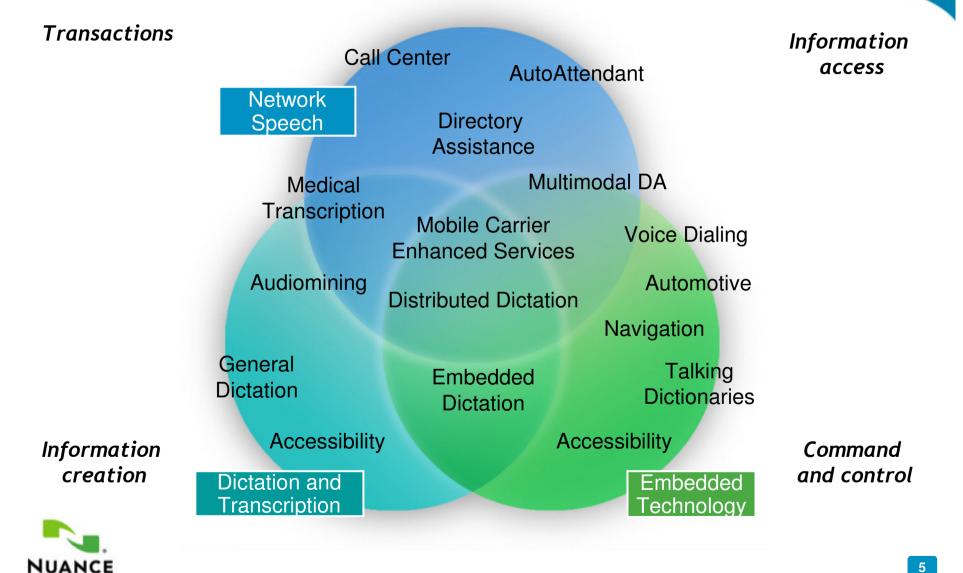
Automobiles (100 Models on Road)

### The Nuance Mobile Vision

#### To SIMPLIFY access to content and information on ANY DEVICE, on ANY NETWORK

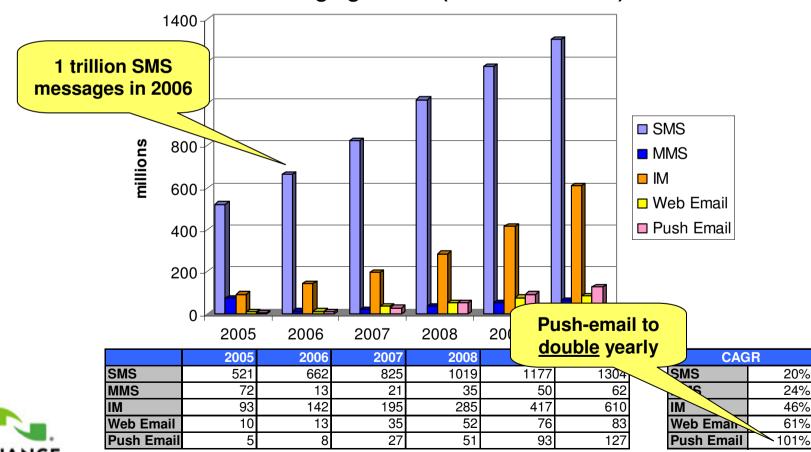


### **Targeted Solutions from Common Technology**



### Market: Global Mobile Messaging Market

SMS is today's far leading application in today's messaging market, and push-email is the fastest growing messaging application.

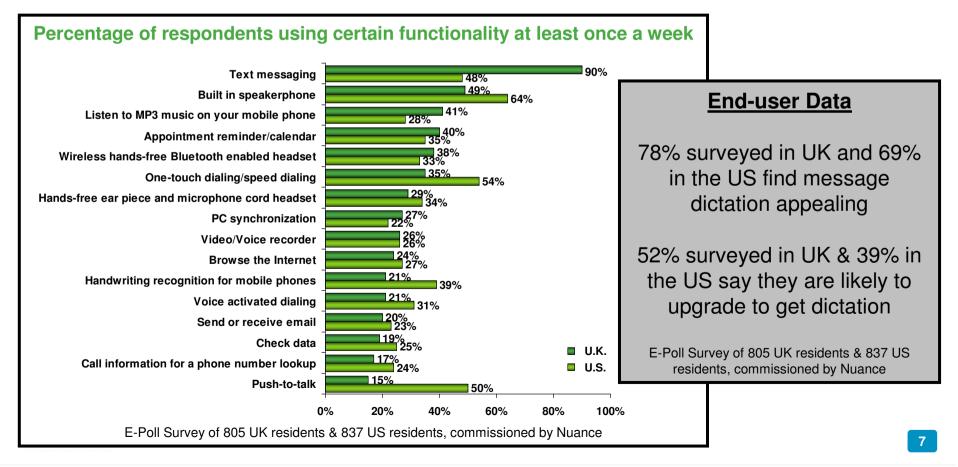


**Global Messaging Market (millions of users)** 

Source: Portio Research, Mobile Messaging Futures 2005-2010

### Market: User Survey

- Text Messaging is the most used functionality on the phone in certain countries
- An estimated 2 billion mobile messages are sent daily



### Nuance Mobile Speech Platform...

... Enables natural, one-click voice-enabled access to any mobile application or service

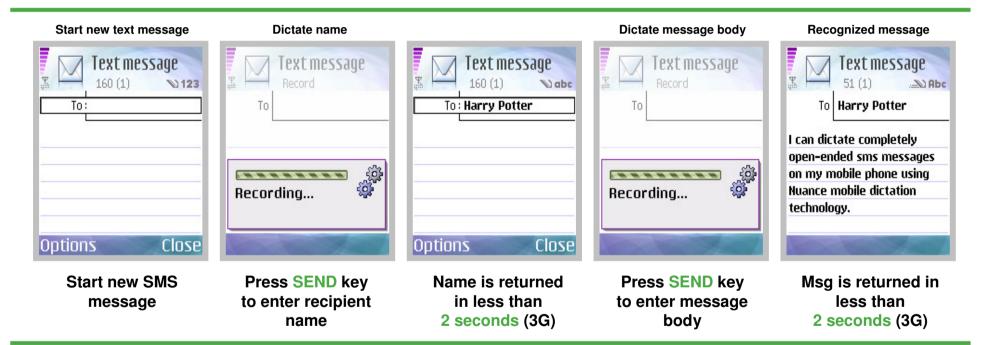




### Nuance Mobile Messaging

NUANCE

## Users can dictate an entire message by voice with a <u>single button press</u>



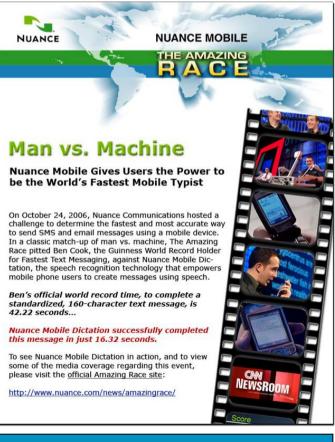
#### **Business Case** (based on Nuance trials):

- Message entry up to 6 times faster than other input methods
- Up to 5x increase in usage compared to typed SMS
- One-handed operation; much safer to use while driving
  - Significant opportunity for IM, Email & Blogging services

### Preliminary Trial Results: Performance

### Average text entry time using various input mechanisms (small sample)

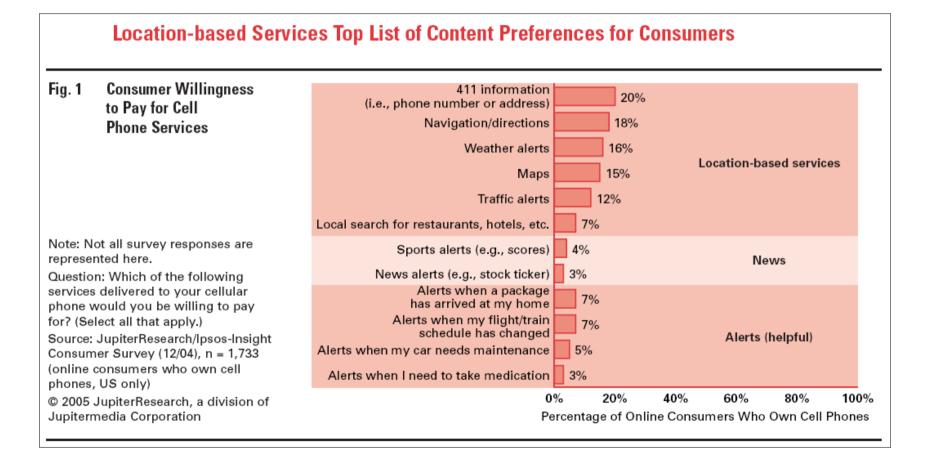
Input Device		Average Time	# Errors
Mobile phone keypad	0000	1:57	6
Mobile phone keypad	99	1:15	0
(T9 predictive text)	999		
RIM Blackberry	88888888888 8888888888	0:57	2
(QWERTY keyboard) 【	00000000000		
RIM Blackberry 7100		0:59	0
(predictive text)			
Desktop PC	A S D Z X C	0:22	0
(QWERTY keyboard)			
Voice	CCC D	0:12	0
(Mobile dictation)	(VADAMA)		



Dictation can be nearly 6x faster than T9 and 5x faster than mobile keyboards.

### Market Opportunity for Mobile Search

### Consumer research indicates there's strong consumer interest for location-based information access



### Nuance Mobile Search<sup>™</sup>

Nuance Mobile Search<sup>™</sup> enables completely natural and instantaneous voice-based access to information and content

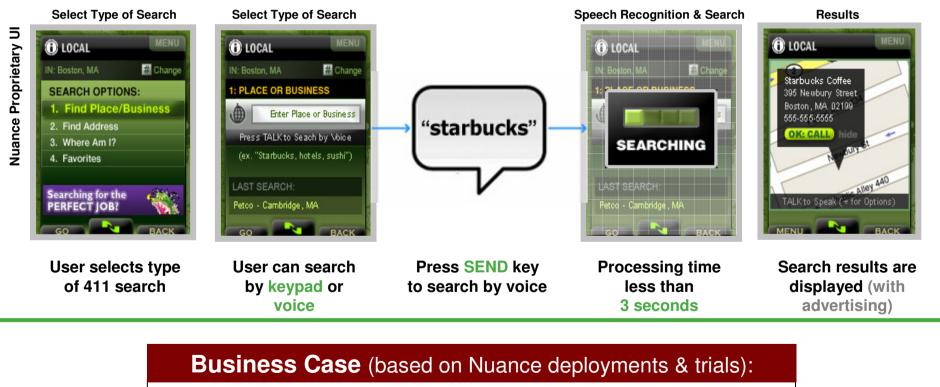




Nuance Proprietary UI

### Nuance Mobile Local Search™

### With Nuance Mobile Search<sup>™</sup>, users can search a 411 or Yellow Pages directory with a <u>single button press</u>



- Searches are end-to-end up to 10 times faster than calling 411
- 80% of users prefer voice search over calling 411
- Up to 8x increase in usage compared to 411

NUANCE

Significant contextual advertising monetization opportunity

### **Breakthrough: Dictation & Search**

•



- "Steve Chambers Boston MA"...... Phone number, etc.
- "5 Marshall St. Newton MA"..... Maps, etc.
- "Find me an Italian restaurant on Tremont St. in Boston MA"
- "Movie Pirates of the Caribbean 02114"..... Movie times
- "Find me Rolling Stones Ring-Tones"..... Merchandising
- "8048030102"...... Bar Code Bombay Sapphire Gin, retail
- "Define transcendentalism".... Just general web search / ads

Dictation Unleashes Totally Open-Ended Search, and a huge potential revenue source from listing services, advertising, merchandising, revenue share, click-to-call, etc.



### Summary: Google'izing - Mobile Search



- # Speech changes the way mobile consumers and professionals interact with the mobile environment
- # With Speech, *device control*, *search*, and *communications* applications become <u>quicker</u>, <u>simpler</u> and more <u>seamless</u>



For a video of the live race, visit: http://youtube.com/watch?v=-L4Jk6GDud0



