

Speech Recognition in Mobile Handsets: Market Research Report

https://marketpublishers.com/r/S5A3F748D62EN.html

Date: July 2012 Pages: 378 Price: US\$ 4,200.00 (Single User License) ID: S5A3F748D62EN

Abstracts

This report analyzes the worldwide markets for Speech Recognition in Mobile Handsets in US\$ Million.

The report provides separate comprehensive analytics for the US, Japan, Europe, and Rest of World.

Annual estimates and forecasts are provided for the period 2009 through 2018.

The report profiles 37 companies including many key and niche players such as Advanced Media, Inc., ANHUI USTC iFLYTEK Co, Ltd., Apple, Inc., Google, Inc., International Business Machines Corporation, Microsoft Corporation, Nuance Communications, Inc., NovoSpeech Ltd., Openstream, Inc., Promptu Systems Corporation, Sensory, Inc., SPEECH FX, and TravellingWave, Inc.

Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based upon search engine sources in the public domain.



Contents

I.INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations Disclaimers Data Interpretation & Reporting Level Quantitative Techniques & Analytics Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1.INDUSTRY OVERVIEW

Speech Technologies – Enabling Man-to-Machine Communication Speech Recognition in Mobile Handsets: A Prelude Speech Recognition – Now as Mobile Applications Increase in Mobile Users – A Key Opportunity Indicator

Table 1. World Market for Mobile Handsets by Technology – Percentage Breakdown of Annual Sales Volume for 2G, 2.5G, 3G, 3.5G, and 3.9G Enabled Handsets for Years 2008, 2014 (includes corresponding Graph/Chart)

Rapid Proliferation of Smartphones – A Key Opportunity Smartphones Sales Continue to Grow Across the Globe

Table 2. Global Market for Smart phones (2011 & 2015): Breakdown of Annual SalesFigures in Thousand Units by Geographic Markets - US, Canada, Japan, Europe, AsiaPacific, Latin America, and Rest of World Markets – Independently Analyzed with forYears 2011 and 2015 (includes corresponding Graph/Chart)

Impact of Recession in Retrospect Current and Future Analysis Consumer Mobile Usage Habits Indicate Strong Potential for Speech Recognition Applications



Table 3. Global Mobile Internet Market (2010): Percentage Share Breakdown of Revenues for MMS/SMS, Entertainment, Advertisement/Search, Enterprise Services and Other Data Access (includes corresponding Graph/Chart)

Mobile SMS – An Underutilized Feature for Mobile Speech Recognition Technology Stringent Motor Vehicle Laws Driving Growth of Speech Recognition Technology Use of Mobile Phone Navigation Applications Made Easy by Speech Recognition Focus on Employee Productivity & Efficiency to Drive Adoption of SR for Enterprise Functions

Proliferation of Mobile Voice Portals – Driving Increased Use of SR in Mobile Phones Speech Recognition Technologies to Drive Next Generation Marketing Campaigns Low Entry Barriers Invite Smaller Players to Foray into the Market High Cost of Speech Recognition Implementations Continue to Challenge Market Technology Developments to Boost Adoption

Competitive Scenario

Table 4. Global Market for Speech Recognition (2010): Percentage Market ShareBreakdown by Leading Players (includes corresponding Graph/Chart)

2.CONCEPTUAL OVERVIEW

Speech Recognition: An Introduction History of Speech Recognition Systems Components of Speech Recognition System Beneficiaries of Speech Recognition Systems **Classification of Speech Recognition Systems** Discrete and Continuous Systems Large and Small Vocabulary Systems Speaker Dependent and Independent Systems Acoustic Echo Cancellation Various Applications of Speech Recognition Systems Modern Mobile Workforce Speech-to-Speech Translation Corporate IT Automation and Security: **Dictation Systems Broadcast News Recognition Better Customer Service** Quick Mobilization of Staff



Distributed Speech Recognition Speech Recognition Applications for Mobile Handsets Voice Recognition on Android Siri: Personal Assistant for iPhone 4S Comparison of Apple Siri and Google Voice/Actions Search

3.RECENT INDUSTRY ACTIVITY

Tensilica Enters into Partnership with Sensory Openstream Develops Multimodal Architecture from Cue-me[™] Platform

24/7 AND MICROSOFT INK AGREEMENT

Apple Selects Dragon Voice Recognition of Nuance Communications Spansion and Nuance Communications Enter into Partnership Nuance Communications Extends Presence of Nuance Mobile Developer Program to Australia Nuance Communications Expands Nuance Mobile Developer Program Presence to China Nuance Communications to Take Over Vlingo Sprint Nextel Selects Speech Recognition Technology of Nuance Communications Amazon.com Acquires Yap Nuance Communications Takes Over SVOX Nuance Communications Acquires Loguendo Avaya Takes Over Aurix Computer Made Effective Inks VAR Agreement with me2me Parrot Inks Agreement with Gracenote® to Access Digital File Recognition and Speech-Enhancing Technologies Medio Systems Selects IBM System X Servers to Deliver Cloud-Based Services Nuance Communications Takes Over MacSpeech IBM and Nuance Communications Enter into Joint- Research Initiative Nuance Communications Acquires SpinVox Vlingo Inks Licensing Agreement and Forms Strategic Alliance with AT&T

4.PRODUCT LAUNCHES/TECHNOLOGICAL DEVELOPMENTS

Nuance Communications Rolls out New NDEV Mobile

iSpeech Introduces Free Voice Recognition SDK

Openstream Launches Global Reporting and Information Mobile Application on iPad®



Openstream Introduces Market Research and Global Liquidity Mobile Applications on iPad® **Telovations Introduces Speech Assist** iSpeech Introduces Self Service Platform VXi Rolls Out VXi TalkPro Speech Recognition Headset Range Bharti Airtel and Nuance Communications Introduce Speech-Recognition Service SVOX Launches Version of Speech Recognition Solution Nuance Communications and Jawbone Unveil New Jawbone ERATM Bluetooth® Headset Microsoft to Unveil Speech Recognition Services for Devices Tronton Introduces Cluzee Digital Assistant for Android-based Mobile Devices NTT DoCoMo Introduces Speech to Speech Translation Service SingTel Interactive Unveils DeFIND Voice Search Application to Recognize Singlish VoiceHub Communications to Introduce Cloud-based Service with Speech Recognition ABBYY Introduces TextGrabber + Translator for Chat Translation Apple Unveils Siri Voice Recognition Software in iPhone 4S Lyrix Launches Mobiso Speech Assistant for Metaswitch Clients Nuance Communications Announces Voicemail-to-Text Technology for Sprint BlackBerry Users Sensory Unveils TrulyHandsfree[™] Voice Control 2.0 for Enhanced Voice User Interfaces Sensory Launches TrulyHandsfree Trigger[™]-enabled SDKs for iPhone[®] and Android[™] Openstream Unveils mobileforceONE[™] Nuance Communications Launches Dragon Medical Mobile Recorder Nuance Communications Introduces Nuance Transcription Services Nuance Communications Launches Dragon NaturallySpeaking 11 Promptu Systems Launches New iPhone ShoutOUT Speech-to-Text Application Promptu Systems Introduces New ShoutOUT for Android[™] Speech Recognition App Tellme Networks Unveils New Cloud-Based Services

5.FOCUS ON SELECT GLOBAL PLAYERS

Advanced Media, Inc. (Japan) ANHUI USTC iFLYTEK Co, Ltd. (China) Apple, Inc (US) Google, Inc. (US) International Business Machines Corporation (US) Microsoft Corporation (US) Nuance Communications, Inc. (US) NovoSpeech Ltd. (Israel)



Openstream, Inc. (US) Promptu Systems Corporation (US) Sensory, Inc. (US)

SPEECH FX (US)

TravellingWave, Inc (US)

6.GLOBAL MARKET PERSPECTIVE

Table 5. World Recent Past, Current and Future Analysis for Speech Recognition Applications in Mobile Handsets by Geographic Region/Country – US, Japan, Europe, and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2018 (includes corresponding Graph/Chart)

Table 6. World 10-Year Perspective for Speech Recognition Applications in Mobile Handsets by Geographic Region/Country – Percentage Breakdown of Dollar Sales for US, Japan, Europe, and Rest of World Markets for Years 2009, 2012 and 2018 (includes corresponding Graph/Chart)

III. MARKET

1.THE UNITED STATES

A. Market Analysis
Current and Future Analysis
Current Scenario
Product Launches/Technological Developments
Recent Industry Activity
Select Regional Players
B. Market Analytics

Table 7. US Recent Past, Current & Future Analysis for Speech RecognitionApplications in Mobile Handsets Analyzed with Annual Sales Figures in US\$ Million forYears 2009 through 2018 (includes corresponding Graph/Chart)

2.JAPAN



A. Market Analysis
Current and Future Analysis
Product/Service Launch/Technological Development
Advanced Media, Inc. – A Select Japanese Player
B. Market Analytics

Table 8. Japanese Recent Past, Current & Future Analysis for Speech RecognitionApplications in Mobile Handsets Analyzed with Annual Sales Figures in US\$ Million forYears 2009 through 2018 (includes corresponding Graph/Chart)

3.EUROPE

A. Market Analysis
Current and Future Analysis
Product Launches/Technological Developments
Strategic Corporate Developments
B. Market Analytics

Table 9. European Recent Past, Current & Future Analysis for Speech RecognitionApplications in Mobile Handsets Analyzed with Annual Sales Figures in US\$ Million forYears 2009 through 2018 (includes corresponding Graph/Chart)

4.REST OF WORLD

A. Market Analysis
Current and Future Analysis
Strong Demand for Smartphones Augurs Well for SR Applications Market in Asia-Pacific
Google's Speech Recognition Technology Gains Steam in India
Product Launches/Technological Developments
Strategic Corporate Developments
Select Regional Players
B. Market Analytics

Table 10. Rest of World Recent Past, Current & Future Analysis for Speech



Recognition Applications in Mobile Handsets Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2018 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 37 (including Divisions/Subsidiaries - 39) The United States (27) Japan (2) Europe (7) Germany (3) The United Kingdom (3) Rest of Europe (1) Asia-Pacificc (Excluding Japan) (2) Middle-East (1)



I would like to order

Product name: Speech Recognition in Mobile Handsets: Market Research Report Product link: <u>https://marketpublishers.com/r/S5A3F748D62EN.html</u>

> Price: US\$ 4,200.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/S5A3F748D62EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970