

# What's Happening!



## Profiles

**Tootsie Roll Industries (TRI)** is America's favorite candy company, manufacturing and selling some of the world's most popular confectionary brands. Tootsie Roll Industries is employing the AccuSpeechMobile™ 'server-less' and completely mobile solution to voice-enable their **Oracle® Warehouse Management System**. These applications include picking, receiving, look-up and other distribution apps.

### ORACLE® Warehouse Management

Tootsie Roll, which has three (3) national distribution centers started to use **AccuSpeechMobile** in early 2013. In less than 6 weeks TRI has voice-enabled **15 Oracle® Warehouse Management** applications. Today, most all their voice-powered apps are in production, or are in the process of deployment.

The TRI team is trained to use the **AccuSpeechMobile** SDK which provides a complete **Laptop-based Voice-Enabling Console**. The SDK provides the TRI team an easy to use voice-enabling tool set that quickly creates the device-based integration file, powering the mobile **Universal Voice Utility** to voice-support each Oracle® warehouse application.



#### Distribution Center

- Receiving
  - Internal Ship
  - RMA Receipt
  - PO Receipt
  - Express Receive
  - Express PO
- Inquiry
  - Item Inquire
  - LPM Inquire

#### Universal Voice Utility

- Directed Tasks
  - Full Pallet Pick
  - Mixed Pallet Pick
  - Replenishment
  - Ingredient Pick
  - Material Transfer
  - Move LPN
  - Drop Loaded LPN
  - TRI Staging Move

**Above:** Integration and Voice Capabilities for all of Tootsie Roll's Voice-Powered Apps are completely driven from TRI's warehouse mobile devices

**“...15 Oracle® Warehouse applications have been voice-enabled... and are in production or in the process of deployment.”**

AccuSpeech *Mobile*™

# What's Happening!



## Profiles

**QuikSilver** is a multinational apparel and accessory company with multi-channel distribution to the Americas, Europe and Asia Pacific through wholesalers, retailers, eCommerce and company owned retail stores. The company markets young-minded brands that represent a casual lifestyle driven from a boardriding heritage

Using the "server-less" all mobile **AccuSpeechMobile** solution, QuikSilver's distribution team has already voice-enabled three (3) HighJump® warehouse management system applications at its 687,000 sq. ft. distribution center in Mira Loma, CA. The Mira Loma Distribution Center and its 500 workers are responsible for distribution of its seven apparel brands.



### Universal Voice Utility

#### Voice-Enabled HighJump® WMS Apps

- Container Picking
- Cycle Count
- Put-Away

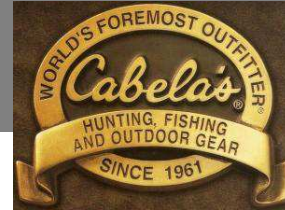
**Above:** Integration and Voice Capabilities for all of QuikSilver Voice-Powered Apps are completely driven from its warehouse mobile devices

**"QuikSilver has three HighJump® voice-powered WMS applications ready for deployment at the company's 687,000 sq. ft. distribution center in Mira Loma, CA."**



AccuSpeech *Mobile*™

# What's Happening!



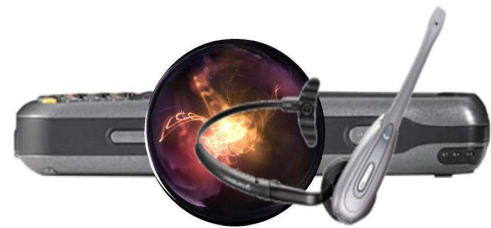
Cabela's Foremost Outfitters is a leading specialty retailer and the world's largest direct marketer of hunting, fishing, camping and related outdoor merchandise. With 2012 revenues at \$3.1 billion, the company markets its products through 40 retail store locations, ecommerce and catalogues. Cabela's 3 national distribution centers are supported by distribution applications from **Manhattan Associates®**.



According to *Kevin Thompson, Sr. Business Process Improvement Manager*, the deployment of voice has resulted in substantial cost savings with **over \$1 Million alone** in reductions attributed to the voice-powered productivity of picking applications that execute orders for their retail stores, eCommerce and catalogue channels. In addition cost reductions and operational efficiencies have been recognized with:

- **Increased Customer Response & Satisfaction**
- **Training costs have been cut by 60%** -- a substantial achievement as the company's seasonal workforce nearly doubles to 2400 during peak season.
- **Order accuracy has improved by 90%**
- **Cycle Counts Doubled** with Same Workforce
- **Improved Inventory Management:** Reduced outages, reduced re-work hours and shipping costs

## Profiles



### Distribution Center

- Pick-to-Cart
- Retail Order
- Sort-to-Order & Pack
- Receiving
- Put-to-Store
- Replenishment
- Cycle Count
- Shipping
- Cross-Docking

### Universal Voice Utility

#### Retail Stores

- Cycle Count
- Pick, Pack & Ship

**Above:** Integration and Voice Capabilities for all of Cabela's Outfitters Voice-Powered Apps are completely driven solely from its warehouse mobile devices.

“...the deployment of voice has resulted in substantial cost savings with over \$1 Million alone in reductions attributed to the voice-powered productivity of picking applications that execute orders for their retail stores, eCommerce and catalogue channels.”

AccuSpeech *Mobile*™

# Simplified & Affordable Voice Productivity

## Warehouse to Retail: Single Channel to Omni-Channel

**Get all the voice productivity you want, anywhere you want it.** Now voice productivity is affordable, practical and ROI compliant, for any supply chain distribution operation, single channel to Omni-Channel -- from the warehouse to transportation or retail. For the warehouse that means any WMS application, commercial or custom-built, from voice picking, voice-directed inventory, cycle counting, receiving, yard management... virtually any warehouse application. In addition, the advanced AccuSpeechMobile voice solution can also deliver the same cost savings and productivity gains to your other SCM applications, from yard management, transportation, direct store delivery and in-store retail applications.

### “Server-Less” Simplified WMS Voice Productivity

The innovative AccuSpeechMobile Voice solution directly upgrades your WMS and other SCM application with all the voice functionality you need, with seamless application integration, solely from and on your mobile devices. That means:

- **No server-based integration**
- **No WMS business process changes**
- **Your WMS business process and workflows are voice-enabled directly**
- **Easy, Fast Change Management**
- **No More Expense Acquisition or Change Management Costs**

The innovative 'voice utility', is ROI-scalable making voice productivity an affordable option for any size warehouse operation or larger networks comprised of multiple distribution centers, warehouses or retail outlets.

“...all the traditional benefits of voice productivity, plus hassle-free integration...”

 DC VELOCITY

“... one of the key selling points of the new system has been the ease of integration and low costs.”

 DC VELOCITY

AccuSpeech *Mobile*™

# How It Works

**This is the proven voice innovation you've been waiting for!** Now you can deploy a practical voice solution for all your WMS transportation, retail and other supply chain productivity apps. The innovative AccuSpeechMobile voice solution eliminates the costs, complexities and risks associated with older pioneering voice technologies, providing complete voice functionality and integration solely from your powerful warehouse mobile devices.

Just imagine a completely mobile solution that eliminates your IT server as the source of costly voice integration with your commercial or custom-built WMS applications. The AccuSpeechMobile device-based Universal Voice Utility installed on your devices and customized by the PC-based Voice-Enabling Console, is a practical, easy-to-deploy solution. It makes voice productivity an affordable alternative for any warehouse operation or networked distribution centers.



## Universal Voice Utility

- Seamless Integration
- Map of Fields & Controls
- Grammars & Context
- Voice Functions/Features
- Speech Engine Integration

Any Mobile Application  
Warehouse • DC • Mobile Retail  
Any Commercial or Custom-Built  
Terminal Emulation • WEB • .NET

**Supports**  
**Any Commercial WMS**  
**including:**  
Manhattan  
HighJump  
Redprairie  
SAP  
Oracle  
Retalix  
Infor  
Royal4

**Supports Any Commercial or Custom Built WMS App**

- Discrete Order Picking
  - Cluster Picking
  - Zone Picking
- Batch & Put Picking
  - Put-to-Store
- Dynamic Picking
- Case or Piece Picking
  - Inventory
- Cycle Counting
  - Receiving
- Demand Replenishment
  - Top-Off
- Location Replenishment
  - Refrigeration

### A 'Server-Less' Voice Solution

- Absolutely No Server-based Integration
- No Server-based Interfaces • No Middleware
- No Business Process Changes • No Vendor Interfaces

### Device-Based, Seamless Integration with Your WMS Application

Device-Based WMS Integration File



- Map of Fields & Controls
- Grammars & Context

Easy-to-Use Wizard-based Rapid Development Environment (RDE) SDK creates a device-based integration (map and grammar) file that customizes the Universal Voice Utility to deliver seamless voice functionality to your WMS applications.

AccuSpeech *Mobile*™

# About AccuSpeechMobile

## About AccuSpeechMobile

AccuSpeechMobile is an innovative mobile voice technology that upgrades any mobile workforce application with a fully functional voice-user-interface (VUI). The mobile software solution provides full voice functionality and seamless application integration powered *solely* from your mobile devices.

AccuSpeechMobile is a patented, one-of-a-kind solution adopted and proven by world-class companies.

Now mobile SCM or field service workforces everywhere can achieve greater productivity by using faster, more accurate voice-commands to collect and access the information they need, while maintaining manual and visual focus on their mobile tasks. The mobile solution supports any web, TE, or smart/thick client mobile application, whether *on-premise*, *cloud-based*, *hosted* or *SaaS* mobile implementations. [www.vanguardvoice.com](http://www.vanguardvoice.com)

**For More Information Contact:**  
Melanie McGinnis  
949-435-1001 Ext 223  
[mmcginnis@vanguardvoice.com](mailto:mmcginnis@vanguardvoice.com)

## AccuSpeech *Mobile*™

A Vanguard Voice Systems Company

