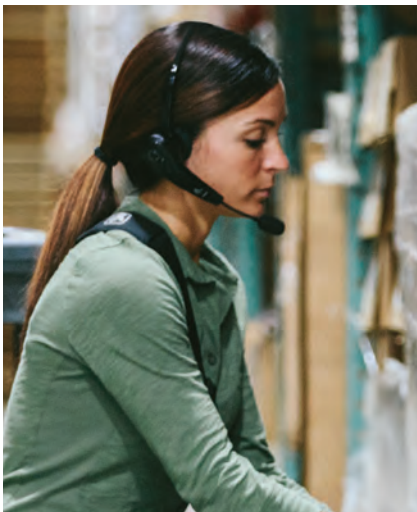# TekSpeech® Pro 4

MAXIMIZE WAREHOUSE PRODUCTIVITY WITH MULTI-MODAL SPEECH-DIRECTED SOLUTIONS FOR ZEBRA MOBILE COMPUTERS

Speech-based voice-directed solutions are well-known for their ability to increase productivity and reduce errors in picking operations. Now, with TekSpeech Pro 4, you can marry speech with all the capabilities of your Zebra mobile computers to create flexible next generation multi-modal speech-directed solutions that turbocharge efficiency by providing more ways for workers to collect and access more information. In addition to hearing and responding to voice prompts, workers can view information on the display, scan barcodes, capture RFID tags, take a picture and more, all within a speech-directed workflow. With the added functionality, you can create applications that can streamline virtually every warehouse process — from receiving to shipping. The highly flexible applications allow individual workers to select the mode that will maximize their own efficiency — some workers may want to hear instructions, others may prefer to see them on the display, and others may prefer both. Your devices are more fully utilized, improving your return on investment. And with WorkFlow Builder, the integrated development environment (IDE), it's easy to create even the most complex workflows. Maximize the value of your Zebra mobile computers and workforce efficiency with next generation multi-modal voice-directed solutions with TekSpeech Pro 4 — only from Zebra.

Easily Create Complex Multi-Modal Speech-Directed Workflows

Easy-to-use Workflow objects enable fast creation of robust online and offline applications that integrate voice as well as all other available modes of interaction on your Zebra mobile computers. Now, you can present and enable interaction with highly graphical data on screen to supplement spoken information. In addition, workers can capture barcodes, RFID tags and photos and print labels and more — all within a speech-directed workflow. The result? Your speech-directed workflows can now provide a new level of business intelligence. For example, in typical speech-directed workflows, workers can report damaged goods — but supervisors must walk to the warehouse floor to assess damage and determine next steps. In the multi-modal speech-directed workflow, users can take a picture of the damage and submit with a report, allowing supervisors to respond immediately with next steps.

Superior Flexibility Lets your Users Choose their Preferred Modes

Workflows can allow users to select the modes they find most efficient. For example, users can opt to listen to voice only direction, view instructions on the screen — or both.

Next-Generation Voice Recognition Engine

You get the most advanced voice recognition engine available, delivering faster performance, an unparalleled user experience, superior accuracy, more flexibility and greater control of speech functionality. Prompts and responses are delivered in near real-time. No speaker training is required — TekSpeech Pro is 100% speaker independent. Users can speak naturally, regardless of accent or speed of speech. And the high quality voice synthesizer provides natural-sounding human-style male and female voices.

Real-Time Dynamic Vocabulary for Lightning Fast Response Times and Highest Voice Recognition Accuracy

This Zebra-only feature delivers unparalleled performance by enabling the creation of dynamic vocabularies on the fly. For example, when a worker logs on and states the work zone for the day, the vocabulary that user requires for that day is created on the fly. Spoken words are then compared to a small set of words instead of your complete library, which may contain hundreds of words.

Controllable Text-to-Speech Speed Shaves Seconds off Workflows

Only Zebra allows you to increase the speed of non-relevant words in a prompt for faster delivery of the relevant information workers need to execute the task.

Incorporate Multiple Languages Within a Single Prompt

Unique to Zebra, this feature allows a workflow in one language to accommodate the name of an item in another language. For for example, a workflow in English can accommodate a Spanish book title.

Powerful Mobile Device Remote Control for Training and Support

Provide supervisors with virtual-reality style visibility and control of any worker's Zebra Android mobile device. Supervisors can hear system prompts and user responses, see what is on their screen and perform data entry for trainees. This feature is device agnostic, allowing supervisors to use any supported Zebra mobile computer to remotely control different models.

Flexible Mobile Computer Choices

Different types of work groups need different types of devices. That's why TekSpeech Pro gives you freedom of choice. You simply create your multi-modal application once, and it can run on any supported Zebra Android mobile computer, regardless of differences in display size — from handhelds and wearables to gun-style devices.

Comprehensive Analytics

The advanced Speech Process Analyzer (SPA) captures time and event information from your multi-modal speech-directed processes, providing the visibility you need to maximize application effectiveness and worker productivity. You can see which commands are used and their frequency, as well as the time it takes to complete a specific task. Armed with that data, you can determine where workflows can be improved, compare productivity in different shifts and locations, as well as identify workers that could benefit from additional training.

Easy to Deploy and Manage

The included TekSpeech Pro 4 Device and Operator Manager makes it easy to manage your entire Zebra multi-modal speech-directed solution — including handheld and wearable mobile computers and their connected cordless hands-free ring scanners and headsets, licenses, configurations, sites, users and more.

Integrates Easily with your Existing Applications

Incorporate whatever data your workers need from any backend application, including your Warehouse Management System (WMS) or Enterprise Resource Planning (ERP) application. There are three flexible ways to connect: direct; via a connector to simplify integration and provide exhaustive logging information, plus VoiceXML — the latest host integration method.

Designed for Zebra's next-generation warehouse solutions

- Zebra's Total Wearable Solution, consisting of the WT6000 Wearable Computer, RS6000 Cordless Hands-Free Ring Scanner and HS3100 Bluetooth or HS2100 corded headset
- TC8000

Where can you put TekSpeech Pro 4 to work?

Warehouse and distribution centers in:

- Retail
- Manufacturing
- Transportation and Logistics
- Healthcare

Retail front and back of store, including:

- Inventory management
- Order picking
- Putaway
- Replenishment

MAXIMIZE PRODUCTIVITY IN YOUR END-TO-END WAREHOUSE OPERATIONS WITH EASY-TO-CREATE AND EASY-TO-USE TEKSPEECH PRO 4 MULTI-MODAL SPEECH APPLICATIONS.

FOR MORE INFORMATION, VISIT WWW.ZEBRA.COM/TSP4 OR ACCESS OUR GLOBAL CONTACT DIRECTORY AT WWW.ZEBRA.COM/CONTACT

TekSpeech Pro 4 Solution Platform

WorkFlow Builder	State of the art integrated development environment for easy and rapid design of multi-modal speech directed apps.
TekSpeech Pro 4 Client	The engine that resides on the mobile computer that executes the WorkFlow apps developed in WorkFlow Builder.
TekSpeech Pro 4 App	TekSpeech Pro App is the multi-modal speech app for a specific speech-directed workflow that is generated by the WorkFlow Builder development tool.
TekSpeech Pro 4 Connector	This optional runtime platform enables integration with WMS and ERP systems and provides the flexibility to keep business logic on the WMS/ERP and/or mobile device side. (Direct and VoiceXML-based connections are also available)
Speech Process Analyzer (SPA)	SPA is Zebra Technologies business intelligence data capture platform for multi-modal speech-directed solutions. By providing accurate facts and figures on the performance of the users and the system, this platform allows you to easily monitor your operations and determine what improvements can help you realize your logistic objectives.
TekSpeech Pro 4 Device and Operator Manager	Easily deploy and manage the components in your TekSpeech Pro 4 multi-modal speech solution, including devices, sites, licenses, configurations and operators (users).