

Voice Powered Warehouse Workflows



Voice-Directed Work

Hands-free, efficient execution of a variety of tasks throughout the warehouse. The system increases productivity and can yield more than 99.9 per cent accuracy across a range of mobility tasks. Vocollect's hands and eyes-free operation is ideal for workflows and solutions needing minimum disruption.

Advantages of voice managed warehouse workflows

up to*

35 % **Improve productivity**

Simplifies the function and streamlines physical movements by eliminating the necessity of picking up and putting down a device or instruction sheet and shifting the gaze from the product being collected. This results in more effective and faster physical movements which gives maximum worker utilisation with free hands.

up to*

65 % **Reduce Training Time**

Self paced easy training and support designed to expedite user acceptance and increase labour flexibility. Once a worker attends a one-time training session, which takes about 20 minutes, the entire work process is driven step-by-step through voice commands which shortens the training time by 65% compared to RF terminals.

up to*

85 % **Higher accuracy**

No more incorrect packing, focus on one job at a time with simple and clear instructions from an optimised process freeing them from having to focus on the tool that they are using. This greatly reduces the opportunities for error and allows for reducing of errors by up to 25%.

up to*

30 % **Improve safety**

Without handling any device or paper in hand and with their eyes focused on what's ahead of them safety incidents are reduced by up to 30% with free hands, free eyes.



* compared to traditional warehouse workflows

Voice Hardware by Honeywell

The A730 mobile device and Vocollect SRX2 wireless headset is the ideal headset solution for distribution centres, with superior speech recognition technology, long battery life in every operating environment, and an innovative, shareable component design.

Honeywell

Wireless Headset



A730 mobile device



Shareable Component Design

The innovative component design enables the shared use of electronics, while preserving individual worker hygiene through the use of individual headbands, reducing both the upfront cost and the ongoing cost of ownership.

Bluetooth technology

Wireless communication between headset and terminal.

Advanced Speech Recognition

The Advanced Speech Recognition Protocol ensures zero loss of speech and audio information, providing the highest levels of accuracy and worker performance.

Battery

Designed and certified to operate in every high noise environment, from dry to cool to freezer. Projected to last up to 24 hours.

Multi microphone

The headset uses an embedded multi-microphone array and with SoundSense technology reduces unwanted words and sound insertions by more than 50%.

NFC

RFID identification of operator.

Comfortable ergonomic

The device provides the most comfortable and wireless headset option.

Voice Catalyst

More flexible and powerful connectivity to other devices. The architecture provides the launching point for implementing the highest levels of productivity.

Bar code reader

Integrated 2D image bar code reader.

Localised TTS

Text to speech engine support for more than 35 languages.

Time-saving features

TouchConnect, TouchConfig, RapidStart for faster start-up times.

VoiceXtreme Software by SPICA

VoiceXtreme is a future-proof flexible enterprise solution developed to enable all of the components to transform your distribution centre workflows for achieving greater operating excellence. Solution supports a variety of databases and web browsers, ensuring an easy fit in any IT environment.

- ✓ **Seamless integration** with ERP, WMS and other inventory control systems.
- ✓ **The modular design** facilitates plug and play access to common business requirements such as analytics, charting, mapping, reporting, scheduling, security and more.
- ✓ **Audit trails** monitors and stores all changes made within the system. Each object review, deletion, or change is recorded and stored for later analysis and review.
- ✓ **Reporting and dashboards** allows users to create, customise and distribute comprehensive and rich information about productivity within the warehouse.
- ✓ **Platform-agnostic validation engine** is included, with a comprehensive number of predefined validation rules that can be combined and customised at runtime to cover countless business use-case scenarios.
- ✓ **Real-time view** allows monitoring of all active task lines including interactions with other systems.
- ✓ **Voice engine is developed by VoiceArtisan** and supports many functions like: Picking, Put-Away, Put-to-Store, Line-Loading, Replenishment, Cycle-Counting Transfers or Final Control.
- ✓ **Two modes of operation:** System operation in Pick by Pick mode (real-time) or by order (export data on executed order line as far as possible due to infrastructure).
- ✓ **One view with total visibility** provides comprehensive device management, operator management, configuration management, and system diagnostics at your fingertips.
- ✓ **Centralised management** controls all aspects of the voice-enabled workforce from a single console. Reduces IT support needs across your entire enterprise.

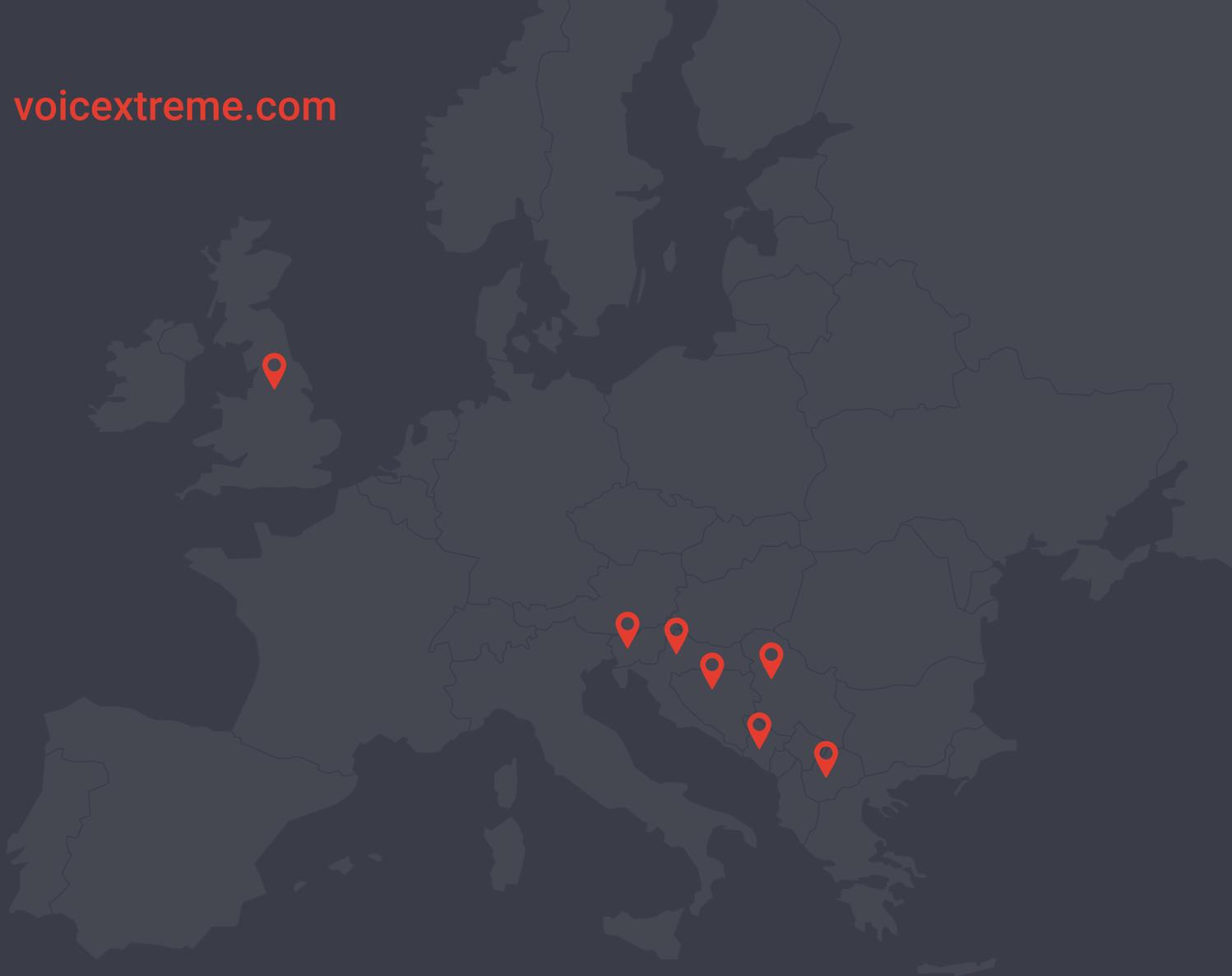


On average, Return on Investment is within 12.5 months.



“The ability to have both hands free and being able to move throughout the area without having to look down RF device are the main benefits of Voice.”

voicextreme.com



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**20 Years SCE Experience
Vocollect Total Solution Provider**



Spica is a group of five European countries which acts as the leading regional supplier of supply chain and workforce management solution based on modern technologies. Through our 25 years of experience, we have gained a lot of experience and references to complex projects in production, distribution and logistics.