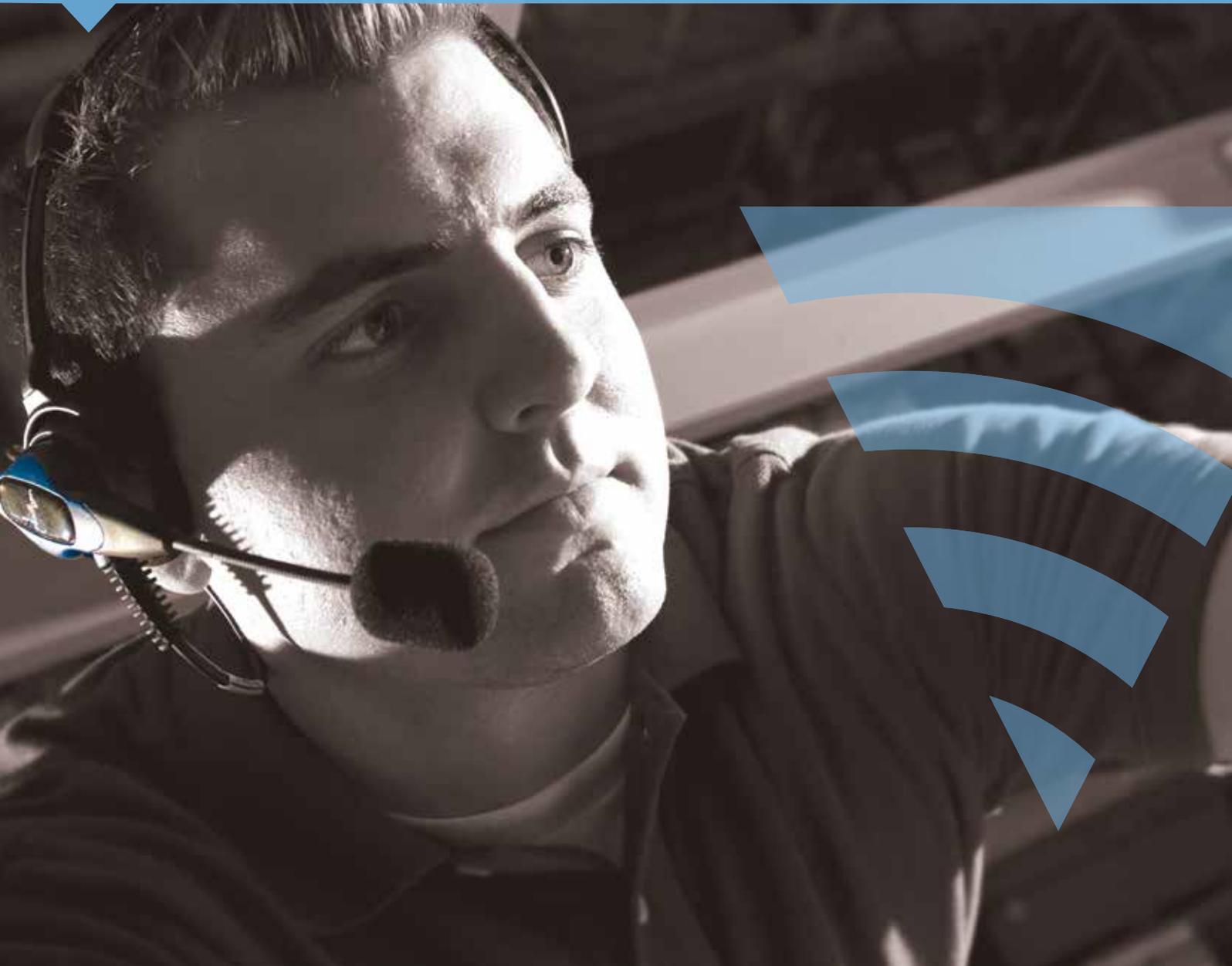




VOICE MAN

Warehouse Execution System

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VoiceMan's robust and scalable Warehouse Execution System integrates seamlessly with warehouse management or inventory control systems to extend their capabilities and bring visibility, accuracy and productivity to shop-floor operations. Deployed internationally in supply chains ranging from single warehouses to networks of over 20 distribution centres, VoiceMan optimises business processes, simplifies workload management and provides real-time visibility to supervisors and managers.

VoiceMan's clear and simple voice dialogues accelerate warehouse processes, freeing associates to work efficiently, comfortably and safely. Supervisors are empowered with real-time visibility and full control to proactively manage their operations. Business benefits include increased productivity, reduced error rates, improved customer

service and lower operating costs – all of which lead to typical returns on investment in under 12 months.

The VoiceMan Warehouse Execution System covers the full range of warehouse operations including picking, put-away, replenishment, receiving, inventory, dispatch, delivery and the management of moveable assets and returns flows. Its flexible architecture means it can be tailored to optimise your specific business processes while still remaining on the core product roadmap.

VoiceMan can be deployed in several ways, from high-availability on-premises systems to fully managed services via the Cloud. We have the technical solutions, business process understanding and commercial offers to meet your needs.

BENEFITS OF A VOICEMAN ENABLED OPERATION:

- ▶ Increase Accuracy up to 99.99%
- ▶ Improve Productivity by 10-25%
- ▶ Full Operational Visibility & Control
- ▶ Reduce Training Time by 50%
- ▶ Greater Worker Health & Safety
- ▶ Increase Worker Satisfaction
- ▶ Reduce Operating Costs
- ▶ Improve Customer Service
- ▶ Reduce Administration
- ▶ ROI typically in under 12 months

VoiceMan Modules:



VoiceMan Picking offers tailored dialogues to support all picking processes including:

- ▶ Standard order picking (unit, pack, case, pallet) to various container types (tote, roll-cage, pallet etc.)
- ▶ Pick-by-line / Put-to-Store
- ▶ Pick and Pack
- ▶ Multiple order picking / Batch picking

Real-time alerts and historic reporting allow supervisors to proactively manage and immediately effect changes, ensuring service levels are met. Advanced execution functionality such as volumetric container fill, automatic work prioritisation, splitting and linking of orders, manifest reporting and labelling are supported with simple, clear and efficient voice dialogues.



VoiceMan StockMoves voice-enables put-away, replenishment and slot moves processes in your warehouse and provides:

- ▶ System- and user-directed tasks, simultaneously
- ▶ Zone and MHE controls
- ▶ Single product or batch replenishment
- ▶ Multi-stage, multi-user processes (e.g. VNA)
- ▶ Re-prioritisation based on pick-face alerts

StockMoves ensures inventory accuracy and minimises delays between goods receipt, storage and availability for picking. The progress of every movement is tracked and visible to supervisors who can hold, release and reprioritise work based on business priorities. Bulk moves are supported and labour deployment on intermittent tasks can be actively optimised. StockMoves can also be configured to trigger cycle counts at any point in the process.



VoiceMan Receiving supports a range of receiving activities including:

- ▶ Verification against Advance Ship Notices (ASNs) and delivery notifications
- ▶ Compliance Assurance
- ▶ Additional data capture (e.g. sell-by dates and batch numbers)
- ▶ Put-away triggers for StockMoves

The Receiving module ensures the accuracy and quality of data as soon as goods enter the warehouse and updates inventory systems with confirmations and exceptions in real-time. On completion of the receipt, goods are immediately available for put-away or cross-docking, minimising delays and increasing throughput.



VoiceMan Dispatch brings hands-free, eyes-free performance to the staging/marshalling and loading processes:

- ▶ User-directed or based on WMS/TMS loading plan
- ▶ Validation and traceability of each load
- ▶ Additional data capture (e.g. vehicle details and temperature)
- ▶ Load building capabilities
- ▶ Real-time WMS updates
- ▶ Improved safety in the loading area

Ensuring the correct orders are marshalled and loaded onto the correct vehicle at the correct time completes the optimised warehouse operation. Loading issues are visible in real-time and delivery paperwork can be produced as soon as loading is complete, reducing costly errors and improving vehicle turnaround.



VoiceMan Inventory can be integrated into other modules or run as a standalone process:

- ▶ Perpetual inventory, cycle-count or full stock count
- ▶ Issues raised and resolution commands given in real-time
- ▶ Real-time WMS checks and updates
- ▶ Full audit trails
- ▶ Simple training for casual or non-warehouse staff

The Inventory module enables you to regularly and systematically check inventory, ensuring you have the right stock and volumes required to run an efficient and accurate operation. Partial or full stock takes can be performed by non-warehouse staff with great accuracy against tight deadlines.



VoiceMan Delivery provides verifiable evidence of times, locations and contents of deliveries.

- ▶ Provides auditable proof of delivery/acceptance
- ▶ Improved customer relationships
- ▶ Damaged/short deliveries flagged up on-site
- ▶ Simplifies driver tasks and turnarounds
- ▶ Eliminates many back-office paper and keyboard processes

The Delivery module is a mobile screen-based application that extends the reach of VoiceMan WES to the point of delivery. Supporting 'sign on glass', Delivery provides a single version of truth that minimises debtor days and reinforces good customer relationships.



VoiceMan Assets tracks the delivery and return of roll cages and other valuable transit containers

- ▶ Records asset dispatch to customers and their return
- ▶ Traceability and auditability removes scope for dispute
- ▶ Reports damaged or 'foreign' containers
- ▶ Reduces losses and can allow a smaller pool of assets

VoiceMan Assets can capture asset ID by voice, scanner or RFID reader. It links seamlessly with VoiceMan Picking, Dispatch and Delivery to ensure full traceability and to minimise data entry.



VoiceMan Returns directs operators efficiently through the procedures appropriate for each returned item

- ▶ Category specific, customisable inspection questions and directions
- ▶ Clear visibility, compliance and traceability
- ▶ Simplified training of temporary staff
- ▶ Reduced handling damages
- ▶ Supports mobile or static returns stations

The Returns module ensures compliance and efficiency when goods are received back into the warehouse, reducing delays on saleable stock and ensuring inspections are carried out consistently. Voice-directed put-away of returned stock is also supported.

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