DESCARTES™
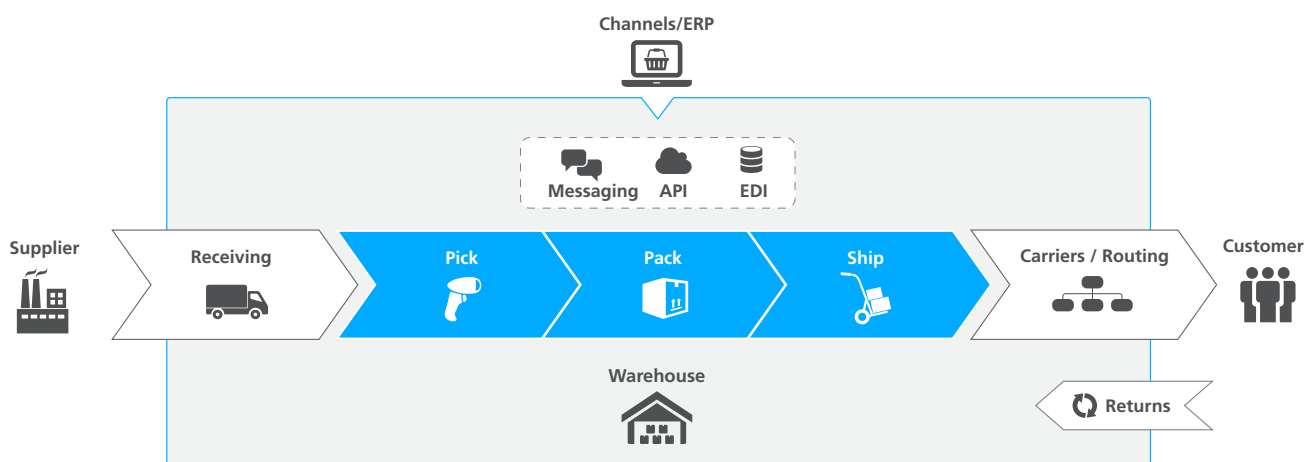
Descartes pixi™ Ecommerce WMS

An Automated Ecommerce and Omnichannel Warehouse Management System

Optimizing processes in the warehouse is critical for omnichannel retailers and online pure players to drive down costs, exceed customer expectations, and enable sustainable growth. Descartes pixi™ Ecommerce Warehouse Management System (WMS) automates warehouse procedures and fulfillment from order receipt, to shipment processing, and returns management. The cloud-based solution seamlessly communicates with existing Enterprise Resource Planning (ERP) systems, shopping carts, marketplaces, and carrier platforms to control the entire supply chain with minimal manual intervention.

The Descartes pixi Ecommerce WMS solution is flexible and extensible, with the ability to handle multiple warehouse locations, cross-docking, adaptable picking strategies, advanced reverse logistics processes, and more. With rapid onboarding; chaotic stock management with Mobile Data Entry (MDE) and barcode-based goods receipt; and advanced pick, pack and shipping processes, our solution delivers proven results in the warehouse and beyond.

With Descartes pixi Ecommerce WMS at the center of operations, businesses can improve productivity, reduce costs by automating shipping processes, eliminate order processing errors, send more packages per employee, and streamline returns handling.

Descartes pixi Ecommerce WMS : Driving Results with Worldclass Features

Advanced WMS Capabilities

- Multiple warehouse management
- Streamlined goods receipt
- Chaotic stock management
- Rapid replenishment
- Inventory and A, B, C management

Strategic Goods Receipt

- 100% European Article Number (EAN) and barcode-based put-to-stock processes with mobile-enabled scanning devices
- Efficient handling of goods receipt with cross-docking capabilities
- Match goods receipt quantities with supplier orders and status updates

Pick, Pack, Ship - Flexible Strategies

- Picking and sorting process with multi-dimensional picklists
- Single order and multi-order batch picking
- Multi-order/single item picking
- Pick-to-box processes
- Mobile device, tablet, Bluetooth & wearable-scanner enablement
- Pick-by-color and pick-by-light integration

Specialized Industry Capabilities

- Batch management
- Best-before-date capabilities
- Serial number management

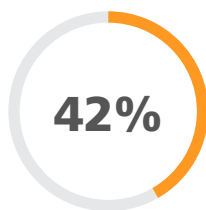## Flexible Reverse Logistics Processes

- Optional return label creation at ship-out
- Barcode enabled returns processes
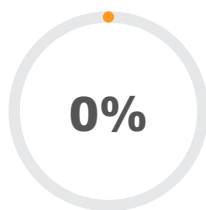- Return rates and reason analyses

Automated Emails

- Order confirmation notifications
- Out-of-stock communications
- Delivery delay notices
- Shipment tracking notifications
- Return received communications

> 66 Using the Descartes pixi Ecommerce WMS solution and its multi-order picking capabilities, we're now able to efficiently process anywhere from 2,000 to 10,000 parcel shipments per day. 99
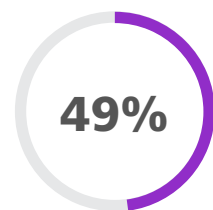>
> – Manuel Unkel, CEO, B+S Logistik

42%
Speed shipping processes by up to 42%

0%
Realize zero errors in order processing

323%
Send 323% more packages per employee

49%
Handle return processes 49% faster