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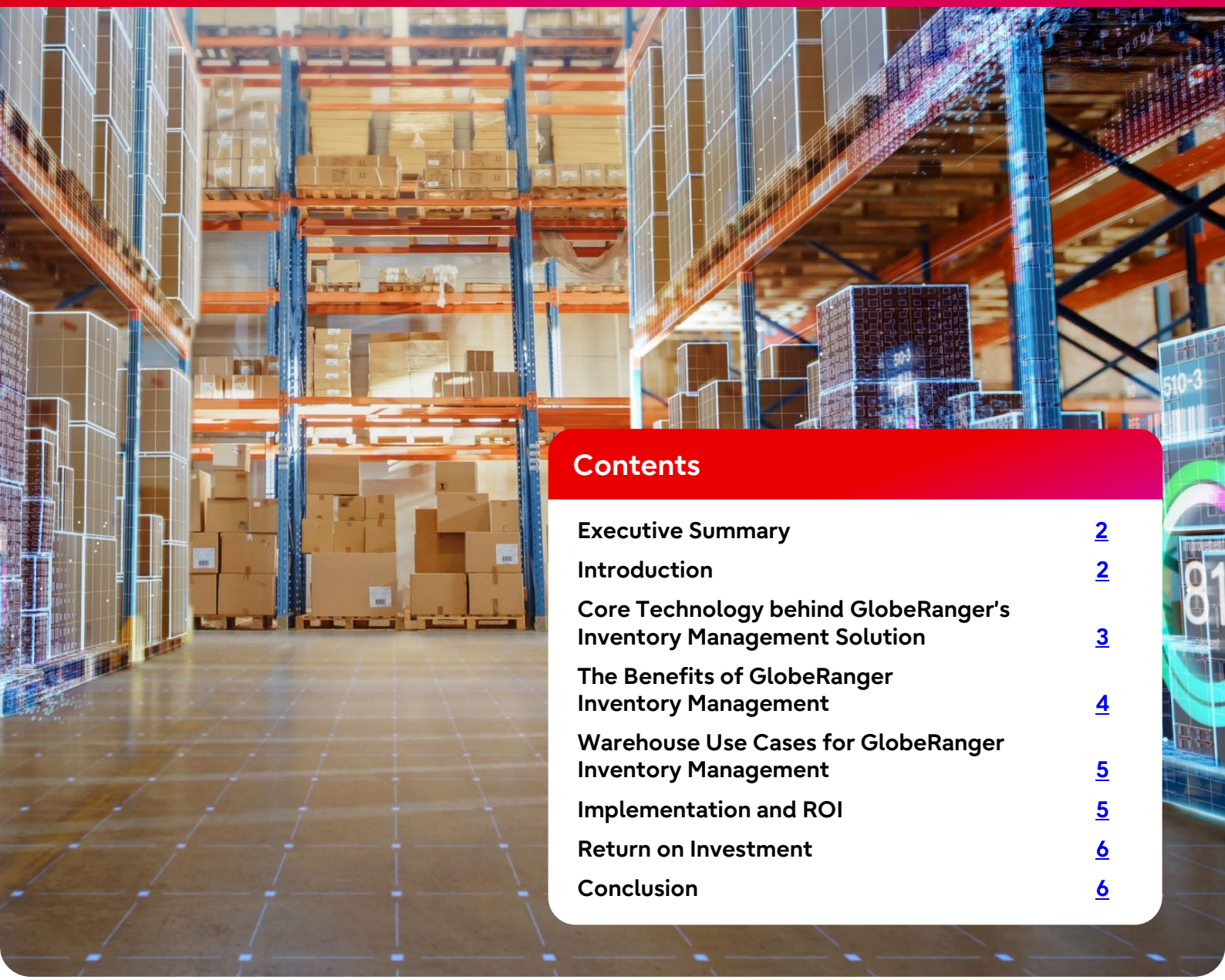
GlobeRanger Inventory Management Solution

Enhancing warehouse efficiency



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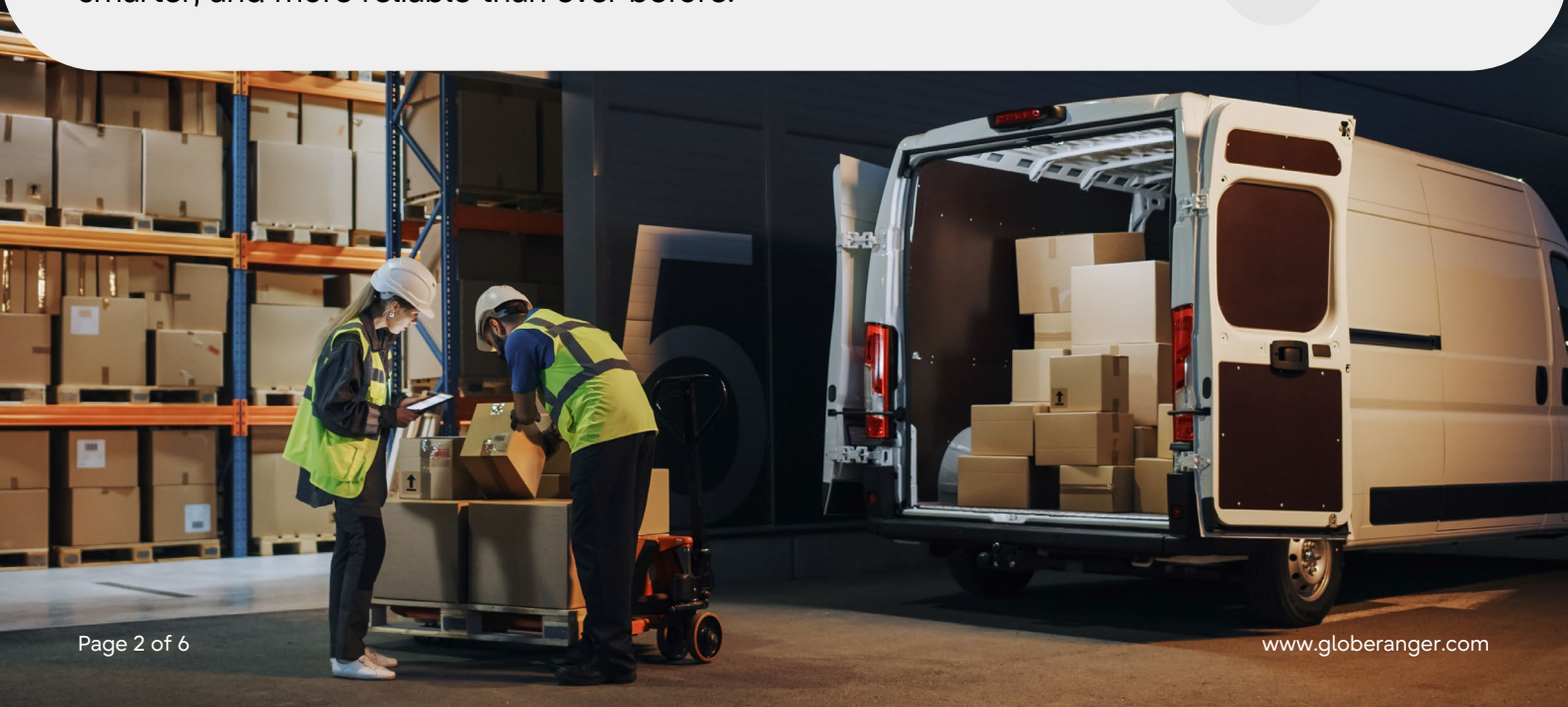
Efficient inventory management drives logistics success. GlobeRanger's Inventory Management Solution combines advanced barcode and passive RFID inventory tracking technology with the reliability of Microsoft Windows handheld and desktop platforms. This innovative system transforms warehouse inventory management, delivering exceptional operational benefits, including enhanced accuracy, reduced costs, real-time visibility, and scalability.

By enabling the accurate and automated tracking and reporting of inventory and assets, the GlobeRanger Inventory Management Solution empowers logistics providers to stay competitive in an increasingly fast-paced and dynamic marketplace.

Managing large and diverse inventories is increasingly challenging for logistics warehouses. From meeting just-in-time delivery expectations to preventing costly out-of-stock or overstock events, traditional inventory management methods can no longer keep pace.

GlobeRanger Inventory Management offers a game-changing inventory tracking system to address these challenges. By integrating advanced technologies into a seamless and user-friendly system, inventory and asset tracking is faster, smarter, and more reliable than ever before.



Core technologies behind GlobeRanger's Inventory Management Solution

Barcode technology

- Fast, accurate item identification for efficient inventory tracking.
- Compatible with handheld devices for mobility and desktop clients for centralised tasks.

Passive RFID (Radio-Frequency Identification)

- Enables non-line-of-sight tracking and bulk scanning for large-scale operations.
- Speeds up data capture, enhancing large-volume inventory tracking efficiency.

Hybrid sync technology

- Ensures real-time and offline synchronisation for consistent inventory records across all systems.
- Minimises discrepancies between physical stock and digital records.

Bespoke integration services and interrogator flexibility

- Seamlessly integrates fixed and mobile interrogators into warehouse operations, ensuring tailored coverage and scalability.
- Provides offline operational capabilities to maintain functionality during network disruptions.
- Effortlessly connects with existing warehouse management and ERP systems, maximising operational efficiency.

Device compatibility

- Operates on Microsoft Windows 11 for reliability and flexibility.
- Accessible via rugged handheld devices for warehouse operations.
- Supports desktop clients for management and reporting tasks.

The benefits of GlobeRanger Inventory Management

1 Save time and improve operational efficiency

- Time optimisation: Traditional inventory counts are labour-intensive and time-consuming. GlobeRanger's Inventory Management barcode and RFID solutions dramatically reduce the time required for routine tasks like stocktaking, order picking, and asset location.
- Seamless workflows: Warehouse staff can complete tasks directly on handheld devices, eliminating delays caused by back-and-forth communication with centralised systems.

2 Achieve unmatched accuracy

- Error reduction: Automation eliminates the errors commonly associated with manual data entry, improving inventory accuracy by over 90%.
- Continuous inventory updates: Uninterrupted synchronisation in both online and offline modes ensures all stakeholders have access to accurate, up-to-date inventory data.

3 Reduce costs

- Labour efficiency: By reducing the time and workforce needed for inventory-related tasks, GlobeRanger Inventory Management helps cut operational costs.
- Optimised stock levels: Accurate insights into inventory levels prevent over-ordering or stock shortages, saving money and avoiding disruptions.

4 Increase asset visibility and utilisation

- Improved tracking: Passive RFID tags enable the tracking of high-value assets like equipment and tools, ensuring they are always accounted for.
- Loss mitigation: Better visibility reduces instances of misplaced inventory or assets, protecting investments.

5 Scale effortlessly

- Flexible deployment: GlobeRanger Inventory Management adapts to warehouses of varying sizes and complexity. As operations expand, the system can scale to handle increased inventory and additional facilities.
- Future-proof technology: The integration of RFID ensures the system remains relevant in evolving logistics landscapes.

6 Regulatory and compliance support

- Accurate record keeping: Detailed logs of inventory movements can aid in regulatory audits and quality control processes.

Warehouse Use Cases for GlobeRanger Inventory Management

1 Streamline inbound and outbound logistics

Track shipments as they arrive and leave the warehouse, ensuring accurate documentation and eliminating delays caused by misplaced items.

2 Ensure timely stock replenishment

Monitor inventory levels in real-time to trigger timely restocking and prevent disruptions in supply chains.

3 Optimise asset management

Keep tabs on warehouse equipment and reusable packaging to reduce losses and maintain operational continuity.

4 Simplify cycle counting and auditing

Perform periodic inventory cheques with minimal disruption to daily operations, ensuring compliance with company policies and external regulations.

Implementation and ROI

Implementation process

GlobeRanger provides a tailored implementation experience, ensuring your warehouse operations transition smoothly to a future-ready inventory management system.

Initial assessment

- Collaborate with your team to identify pain points in current inventory management workflows.
- Assess operational needs to determine the most effective AIT solution for your use case and budget.

Customisation

- Configure the GlobeRanger Inventory Management system to your unique requirements.
- Select and integrate hardware, such as handheld or desktop clients, printers and RFID devices, and integration with modern ERP solutions.

Training and deployment

- Provide comprehensive training for warehouse staff to ensure a smooth transition.
- Deploy the system with minimal disruption to ongoing operations.

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Return on Investment

Adopting the GlobeRanger Inventory Management system delivers measurable improvements to your operations.

Labour savings: Automate manual inventory tasks, significantly reducing workforce hours while reallocating resources to higher-value activities.

Increased throughput: Accelerate inventory processing to improve order fulfilment speed and customer satisfaction.

Error cost reduction: Minimise costly mistakes like overstocking, stockouts, and incorrect shipments through enhanced accuracy and real-time updates.

The GlobeRanger Inventory Management Solution is a comprehensive platform designed to transform logistics operations. It provides a robust, scalable, and future-ready solution. By combining cutting-edge barcode and RFID technologies into a single platform, GlobeRanger empowers businesses to thrive in competitive markets by achieving operational excellence, reducing costs and maintaining high levels of customer satisfaction.

Take the next step. Contact us to learn how GlobeRanger can transform your inventory management and drive your business forward.

Welcome to your digital evolution.

To find out where to start, and where your connected business can take you, visit GlobeRanger.com

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