

EBOOK

Evolve your facility for customer satisfaction

Optimizing warehousing operations to meet changing demands

KONSTANT
Complete Storage System Solutions

What's inside

In this ebook, we look at current trends in intralogistics and facilities planning, and how to optimize your facility to improve the customer experience.



PLAN



OPTIMIZE



IMPROVE

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The way we purchase and consume goods has evolved

The e-commerce revolution has changed the way goods are stored and distributed, bringing supply chain management into a whole new perspective. As consumers expect faster delivery times and more agile facilities, companies have to keep up.

That means your business faces additional demands. Now you need to deliver value in a way that connects more deeply with each customer across the entire purchasing experience—regardless of your industry, facility size, or product mix.

In response, companies across all industries are starting to implement new technologies in their facilities, such as automated sorting machines, warehouse control systems, and robotics. Additionally, businesses have begun to implement automated processes to reduce labour costs and enhance efficiency.

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“Responsible supply chains must react in real-time to changing conditions; this requires actionable data, automation, and automated decision-making.”



John Paxton
CEO, Materials Handling Industry (MHI)



Warehousing isn't just growing. It's changing.

Businesses that want to be competitive must adapt their facilities to meet evolving supply chain management demands.

For your business to remain successful, you need to configure your facilities for storage, distribution, fulfillment, or any combination. This means you need to look for innovative, scalable, and safe solutions that can adapt and scale with your business—as well as evolve to meet changing market conditions.



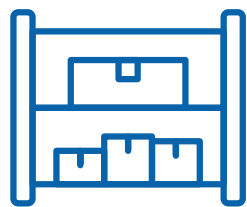
74% of decision-makers are increasing their investment in supply chain technology and innovation*

*Source: 2023 MHI Annual Industry Report. MHI and Deloitte. 2023.

The evolution of warehouse management

To meet dynamic supply chain demands, your facility needs to perform three key functions:

1



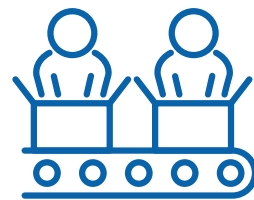
STORAGE

2



DISTRIBUTION

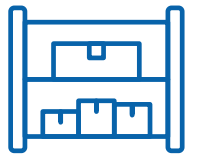
3



FULFILLMENT



1 | Storage



All kinds of industries use warehouses to store items relevant to their business.

Examples

- Ingredients used in the production of a large-scale bakery
- Law or accounting firm documents that need to be archived
- Medical supplies and consumables for a hospital
- Retail products for redistribution to nearby outlets

The design and capabilities of your own warehouse depends on how you manage inventory and storage requirements. Some warehouses are automated, using robotics and technology to improve efficiency and reduce labour costs. Additionally, warehouses can be climate-controlled to accommodate refrigeration or temperature-sensitive products. On-demand warehouse operations offer short-term storage, inventory management, and transportation.

Key objectives

- Achieving efficiencies in the use of space and labour
- Assuring products are secure and in good condition
- Ensuring the safety of warehouse personnel

Challenges

- Shortage of skilled workers
- Accurate inventory tracking
- Time-consuming and labour-intensive manual processes



2 | Distribution



Distribution plays a crucial role in connecting your goods to stores or outlets.

In this model, a distribution centre receives items, temporarily stores them, then ships them to various destinations. Sometimes shipments from multiple suppliers are broken down and consolidated into smaller quantities of mixed goods geared to a final destination. These centres are typically part of a network of facilities and may also send items to fulfillment centres dedicated to online shopping. Depending on your industry, there are different types of distribution centres for different needs. Some use people and mobile equipment to move things around, while others use mechanical systems like conveyors and sorting machines. They may also have machines or robots to handle the material.

Key objectives

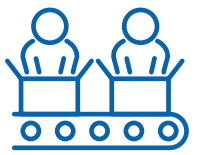
- Maximizing throughput of goods
- Increasing accuracy in load forecasting and replenishment
- Ensuring the safety of warehouse personnel

Challenges

- Shortage of skilled workers
- Supply chain disruptions
- Accurate inventory tracking and management
- Time-consuming and labour-intensive manual processes



3 | Fulfillment



If your business model includes getting products into the hands of individual customers, your facility will need fulfillment capabilities.

Fulfillment centres specialize in handling tasks related to online orders for business-to-consumer transactions. As their storage spaces stock inventory from different sellers, fulfillment centres offer a variety of services such as product selection, packaging, assembling, and labeling (just like Amazon). Fulfillment centres are often managed by third-party (3PL) logistics providers.

Key objectives

- Achieving rapid, accurate, and complete order fulfillment
- Optimizing the customer experience
- Ensuring the safety of warehouse personnel

Challenges

- Shortage of skilled workers
- Supply chain disruptions
- Accurate inventory tracking and management
- Time-consuming and labour-intensive manual processes



Change is inevitable. Innovation is Konstant.

The best way to meet customer expectations is to evolve your facilities so you can execute on the multitude of tasks you're expected to do.

Konstant provides the ecosystem, expertise, and experience to deliver a solution based on your unique business challenges. As part of Toyota Material Handling NA, a leading provider of intralogistics solutions, we offer an unparalleled mix of facilities-construction services tailored to your specific needs.



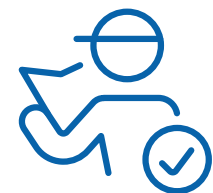
ECOSYSTEM

Products, parent company, and partners. Our integrated logistics solutions come complete with racking, shelving, and storage systems that meet the standards and specifications for every demand. Additionally, we can provide trucks and utility vehicles through our partnership with Johnston Equipment. From there, we complete those solutions with automation technology, autonomous equipment, and robotics.



EXPERTISE

Crews, capabilities, and certifications. We offer professional services that span the entire project cycle, from planning and design to engineering and ongoing management. Our team members have the skills and certifications needed to do the job right. We offer shelving systems, racks, and mezzanines, so you can be sure you're getting the right products for your project—fabricated, installed, and maintained to your specifications.



EXPERIENCE

Scale, scope, and sector exposure. For more than 50 years, Konstant has worked with businesses all over Canada—from small start-ups to international companies. From schools and retail stores to cold storage services and e-commerce—and more—we've evolved facilities and optimized operations. And we actively expand our services by adding new expertise and offerings to meet the changing needs of facilities management.

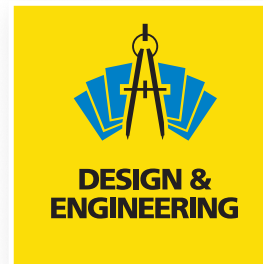
Get everything you need to evolve your facility

As your partner in facilities evolution, we've got you covered.



Racking & Systems

Choose from a wide variety of racking, accessories, and systems—including pallet, cantilever, mezzanines, and more.



Design & Engineering

Reduce last-mile costs, increase fulfillment centre resilience, and automate your warehouse with a customized, efficient, and economical solution.



Manufacturing

Ensure you have the highest-quality product storage solutions built to stringent standards such as RMI, CSA, ISO 9001:2015, and others.



Project Management

Keep your project on time and on budget with Konstant project managers who ensure seamless integration with all trades and compliance.



Protection

Get everything you need to protect your operation, including infrastructure and rack protection, health and safety reviews, and inspection services to ensure your solution is safe.



Maintenance

Maximize your solution's lifespan by ensuring it's correctly set up, professionally inspected, and consistently maintained.

Ready to evolve your facility?

As customers demand faster, more responsive service, each industry must respond in its own way to meet these demands. However, they all have one thing in common: the need to upgrade their logistics facilities.

Konstant is your partner in facilities evolution. We're here to help you enhance your operations with a complete, customized solution that fits your immediate needs and sets you up for future success.

Let's discuss ways to optimize your facilities and deliver on your most ambitious goals.

To book your free, no-obligation consultation, call us: **1-866-473-3472**

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