

Smart. Efficient. Logistics.


# Warehousing & Distribution Capabilities

G&D Integrated is your trusted partner for smart, efficient logistics. We bring over 100 years of experience advancing innovative global supply chain solutions.



Trust G&D Integrated to help you expertly manage your entire supply chain and simplify your processes—moving and managing your goods to improve productivity and provide real-time visibility into the flow of your inventory.

G&D Integrated has a rich history that dates back to the early 1880s, when freight was delivered with horse-drawn wagons. Today, G&D Integrated provides domestic transportation, contract logistics, and supply chain services to a wide variety of industries with over 1,000 employees at over 20 facilities in North America.



Today's global supply chains are complex. The ability to be flexible is the key to your competitive edge. Based on your individual business needs, G&D Integrated works collaboratively with your team to optimize supply chain solutions. We customize those solutions from a broad portfolio of logistics services that encompass strategy through execution.

## We're Beyond Storage

The warehouse has come a long way over the years. It's no longer a large box to store things and smart companies are realizing some of the biggest opportunities for increased efficiency, throughput, and profitability may lie behind the walls of today's warehouse. That's where G&D Integrated warehousing and distribution solutions can help. From the time your product comes in the door to its final destination and delivery to your customer, G&D can provide a complete end-to-end solution.

**Warehousing**

**Dynamic Distribution**

**Materials Management**



# Warehousing Solutions

## IT ALL STARTS WITH PEOPLE

When it comes to moving and managing goods, G&D Integrated understands there are a lot of complexities involved and we have the transportation assets and facilities to get the job done. We focus our expertise on optimizing the processes that happen from A to Z in the supply chain, with the goal of completely understanding the nature and needs of your products. Our approach matches the right facility, location, equipment, services and skills with your supply chain needs to help engineer a total solution for you.

Our success depends on and starts with our people. Highly skilled, competent, collaborative and motivated employees and teams who work hard to fully understand our customers' products, processes, and pains to come up with effective solutions and results.

Ultimately, the G&D Integrated difference is its people – experience, skills, and business principles centered on excellence.



**EXPERTISE | ADAPTABILITY | EFFICIENCY | COLLABORATION | INTEGRATION**



# Warehousing

G&D Integrated has over 30 years of warehousing experience and millions of square feet of space that offers a variety of options from dedicated to specialized facilities evolving every day. And the backbone of our warehousing is the complete visibility of your goods.

Through the use of inventory management systems, we provide supply visibility across supplier and manufacturer and when combined with our cross docking, transloading, and other material management services, you have access to a complete warehousing solution.

## VENDOR MANAGED INVENTORY (VMI)

Warehouse Management Systems and Vendor Managed Inventory (WMS/VMI), are the foundation of our optimization tools that provide the automation and communications required for the movement and processing of your products across the dynamic distribution chain. Our systems and services provide state-of-the-art handling and inventory tracking with unparalleled accuracy and enhanced product visibility of your goods for faster turnaround times and performance metrics for your decision support system. Our proprietary WMS systems are also fully compliant for integration with leading ERP and supply chain applications in use today.

### Experience the benefits of our VMI services:

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Complete real-time inventory visibility across your supply chain

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Shorten lead times

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Accurately control the availability and flow of goods

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Reduce or eliminate stock-outs and reduce uncertainty

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Postpone inventory ownership to reduce costs

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## DEDICATED

Dedicated warehousing provides a custom designed and optimized facility layout, materials handling and inventory management. With the use of our warehousing assessment, we put our expertise to work to design, implement, and operate a warehousing program that is sensitive to your product, while increasing your bottom line.

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Customized facility for your needs

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Warehousing program optimized for A-Z value-add handling

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Dedicated resources and single point of contact

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## MULTI-TENANT

If your business has a smaller volume of goods or multiple and strategic locations, then our multi-tenant warehousing service may be the solution. Shared warehousing offers the flexibility and cost advantages of sharing space, material handling equipment, labor, and systems while still benefitting from our comprehensive offering of logistics services and experience.

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Same dock-to-stock capabilities as dedicated facilities at a reduced cost

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Flexible contract terms address safety, stock, or variable seasonal demand

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More locations address geo-specific demand or supplier presence

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## 3PLs GET RESULTS

A distinct majority (92%) of shippers reported their relationships with 3PLs were overall successful.

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The average fixed logistics cost reduction reported by shippers who use a 3PL was 15%.

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*Source: Capgemini Consulting, 2015 Third-Party Logistics Study*

## SPECIALIZED FACILITIES

G&D has extensive experience operating a variety of specialized warehousing environments including food grade storage, high security, and rackless product. Depending on the types of goods, marketing channels or supplier ecosystem, your warehousing needs may require specialized facilities. G&D Integrated will work with you to identify locations and handling requirements that optimize your overall distribution center strategy.

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Environmentally-controlled facilities address storage, packaging or safety

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Specialized handling capabilities - from overhead cranes, claw lifts, tote or kitting

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Custom engineering services available for transport or storage jigs, totes, bins, and crating

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## Experience the benefits of our Warehousing services:

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Warehouse management systems to drive productivity and cost savings

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Access to knowledgeable and economical materials handling capabilities

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Greater level of control over distribution site and fixed costs

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Extensive capabilities due to depth and breadth of experience with a variety of industries

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# Dynamic Distribution

Managing efficient workflows and materials coordination across diverse manufacturing, assembly, and distribution environments is a critical aspect of an effective supply chain.

G&D Integrated services utilize key supply chain optimization strategies such as cross docking, transloading, distribution and fulfillment in conjunction with our asset-based truck fleet. Logistics planners will coordinate inventory shipments with transportation and warehousing activities to help further maximize efficiencies in your supply chain.

## DISTRIBUTION & FULFILLMENT

As a full-service third party logistics provider (3PL), G&D Integrated provides the people, equipment, facilities, processes, and expertise to handle all your distribution and fulfillment needs, and allows you to focus on your core business practices. From storage to inventory management and the final SKU pick, pack and shipment of goods to you or your customer, we understand the critical importance of this link in the supply chain.

### Experience the benefits of our Dynamic Distribution services:

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Minimizing or even eliminating storage needs results in lower costs

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Gain greater control through the use of our own asset-based transportation fleet

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Can provide all the connections in your supply chain between truck, railroad, and vessel

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Can provide additional cost-cutting functions such as labeling, cross docking and consol/deconsol to your distribution process

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## CROSS DOCK

G&D's cross dock services provide the ideal combination of speed and accuracy to facilitate consol/deconsol.

We manage the inbound and outbound flow of import/export material, less-than-truckload (LTL), and truckload (TL) shipments. Moving your goods in one door and out the other, with potentially no additional storage time, results in maximum efficiency and cost savings. In addition, we also have the flexibility to accommodate additional storage time if required.

## TRANSLOADING

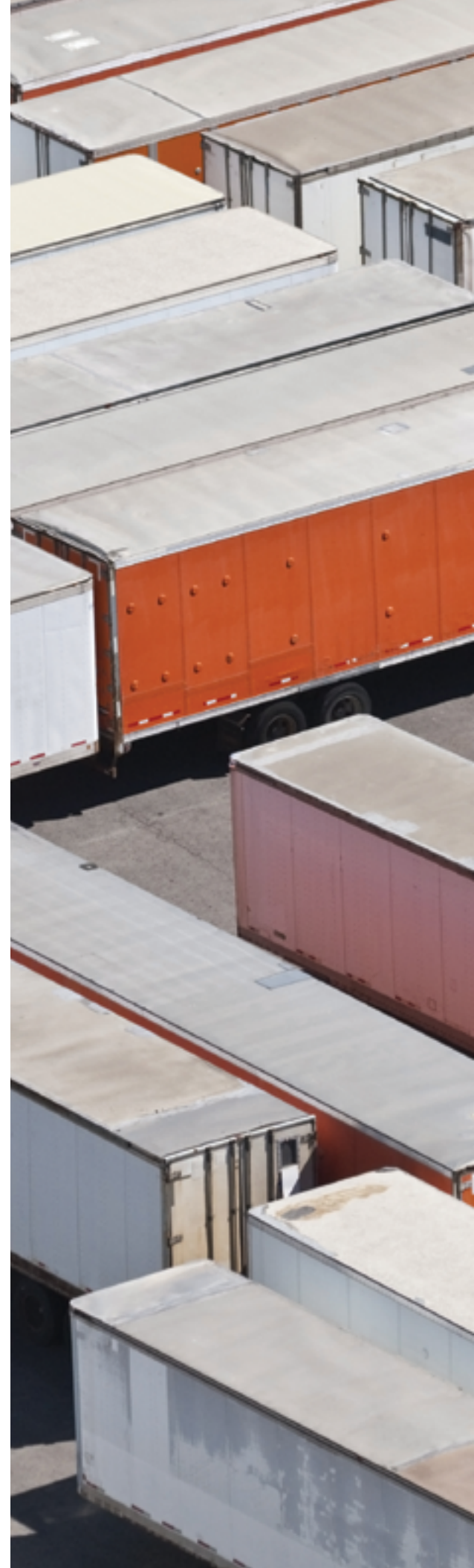
When it's not physically possible or economically efficient to transport your goods to a final destination with one type of transit, consider G&D's transloading services.

We will effectively use multiple modes of transportation that make the most sense for each leg of your product's journey. By leveraging our own asset-based truck fleet, we coordinate the end-to-end handling and movement of your goods with pinpoint visibility, from container or rail to van to a customer's plant or multiple distribution locations.

### INCREASE ACCURACY & EFFICIENCY

The average order fill rate increased by 10% when shippers worked with a 3PL and the average order accuracy increased by over 8%.

*Source: Capgemini Consulting, 2015 Third-Party Logistics Study*





# Materials Management

Helping you with your warehousing storage needs is just the beginning at G&D Integrated. A best practice in warehousing and distribution is recognizing the opportunity for value-add processing of your goods.

When you partner with a G&D warehouse operation, we offer you increased savings and efficiencies in the following ways with our value-added services:

- Perfect opportunity for aggregation of components from multiple plants or suppliers
- Final assembly, inspection, packaging, shipment or distribution fulfillment all within one facility
- Individual assessment of your product's unique needs and requirements to engineer total value-add solution from custom engineering to packaging
- Wide range of services that address real supply chain issues and strengthen materials coordination with your suppliers
- Lean facilities utilize Six Sigma, statistical process control and ISO processes
- Expertise in Just-in-Time or Just-in-Sequence delivery requirements

## Experience the benefits of our Materials Management services:

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Allows customers more time to focus on their core competencies and increasing service levels

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Facilitate multiple manufacturing partners and suppliers to optimize assemble-to-order efficiencies and speed to market

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Leverage order fulfillment between diverse suppliers while retaining quality management and services including inspection, assembly, pick pack, label and destination shipping

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## INSPECTION

- Initial inspection for quality or damage
- Perform customized material processing procedures

## CONSOL/DECONSOL

- Reduces transportation costs
- Customized to your specific requirements
- Consolidation of shipments from variety of destinations
- Deconsolidation and segregation of loads by SKU or destination
- Combined with our VMI, provides complete visibility and control

## LABELING

- Advance shipping notification (ASN), compliant SKU ID, and electronic inventory location coding
- Route ID and tracing
- Process queuing and relabeling with kitting, assembly or repack operations
- In production or distribution routing documentation

## KITTING & PACKAGING

- Design and build kits organized to improve productivity and quality
- Deliver kits directly to point of consumption when required

## ASSEMBLY, FABRICATION & PAINT

- Build products or components to specifications, on-site or in our facilities
- Comprehensive fabrication, machining, engineering and painting services
- Lean manufacturing practices ensure on-time delivery, quality, and flexibility
- 12,000 square foot paint line with trolley line, bake oven, wash and paint booth

## JUST-IN-TIME/SEQUENCING

- Organize picking, delivery of parts and part sets, sequenced to match production schedules
- Parts delivered in right sequence supports assembly operations, reduces costs and lead times
- Provide people and materials in right place, quantity, and time keeps inventory visible and lean

### REDUCE COSTS & LEAD TIMES

The average logistics cost reduction reported by shippers who use a 3PL was 9%.\*

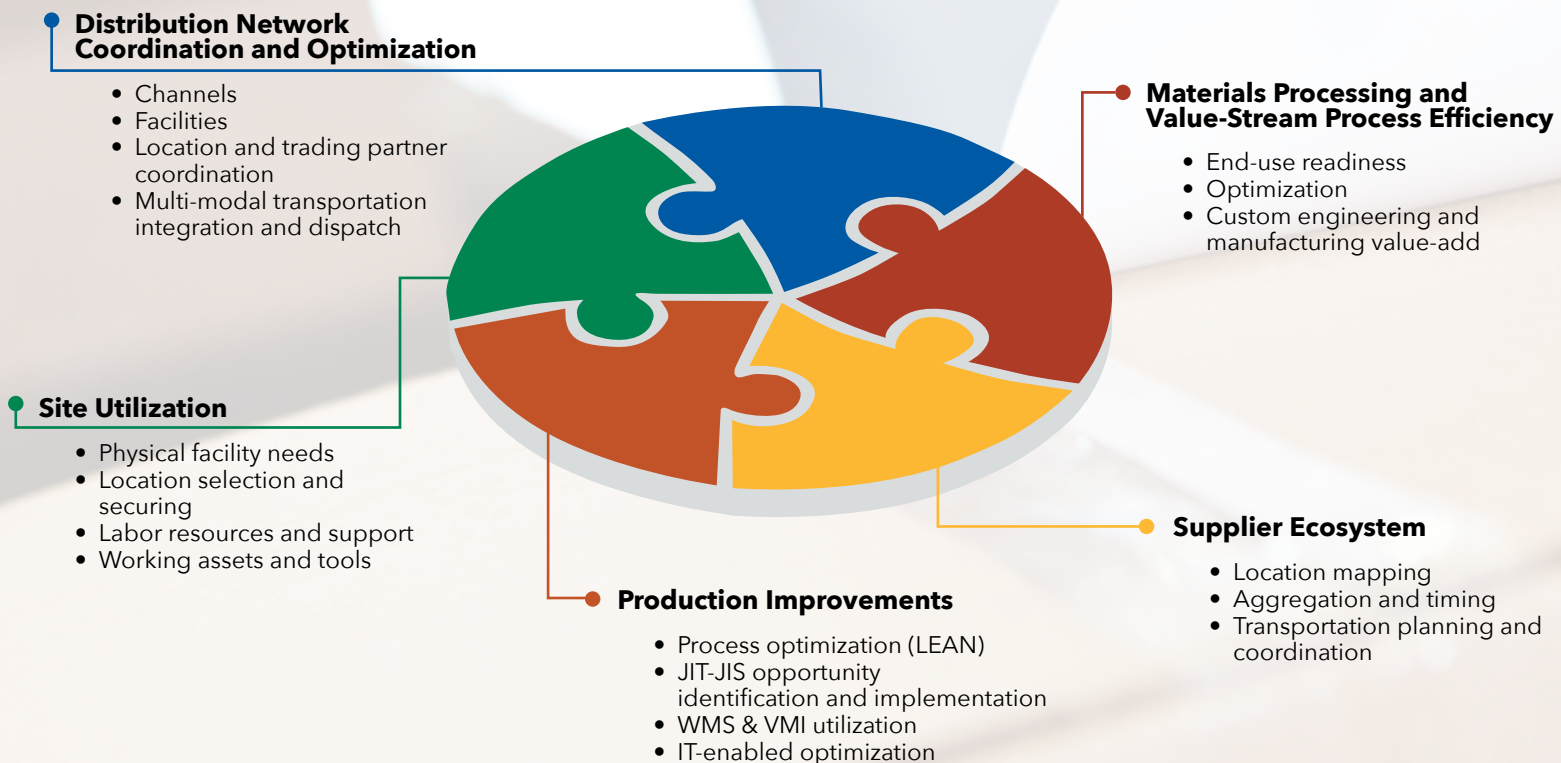
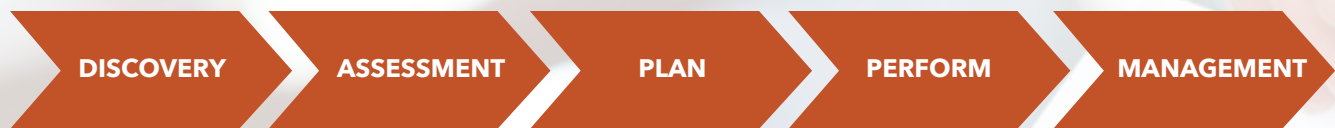
Businesses who actively manage their inventory reported a 50% reduction in lead times.+

\*Source: Capgemini Consulting, 2015 Third-Party Logistics Study  
+Source: clearspider.com, Web

# Integrated Logistics Solutions:

Inefficient warehouse operations and transportation delivery delays can do quick and lasting damage to your company's reputation with customers. Whether you're experiencing the need for logistics management for the first time or have an established play in the supply chain, G&D Integrated is ready to partner with you. With our integrated logistics management expertise, we are fully prepared to work with you on most business challenges to address logistics efficiency, spend, start-up, expansion or consolidation, through total transformation and more.

## Our Approach



# Our Philosophy

## SMART. EFFICIENT. LOGISTICS.

The mission of G&D Integrated is to partner with our customers to grow their business by creating industry leading logistics solutions. We do this by bringing continuous improvement and lean logistics processes to the table to fully optimize logistics networks. Each and every business has its own unique challenges, so we believe in a high level of engagement with our customers to develop a full understanding of their needs.

Part of our smart approach at G&D Integrated is the utilization of project management principles and techniques which are supported by cloud-based tools. This approach ensures a thorough and complete transition of your business with us.

At G&D Integrated, we take our commitment to the environment, renewable fuels, and corporate sustainability very seriously. Last year, G&D travelled more than 24-million miles fleet-wide. Over 66 percent of the fuel G&D uses in its Illinois fleets is biodiesel, in excess of 1.6 million gallons annually. This results in the reduction of 1,200 pounds of particulate matter per year.

We are dedicated to safety in every aspect of our operations and all employees are active participants in our safety culture, which includes a driver safety council program and standardized monthly training sessions.

## INDUSTRY KNOWLEDGE

When you work with G&D Integrated, you will benefit from extensive logistics experience in a variety of industries including heavy machinery, agriculture, electronics, automotive, retail, consumer goods and more.

## AWARDS/CERTIFICATIONS

Top 25 Dedicated Contract Carrier, C-TPAT Compliant, EPA SmartWay® Partner, Inaugural Member of the Biodiesel B20 Club<sup>1</sup>, Komatsu Midori Kai Member since 2007, Komatsu PMO Supplier of the Year 2011, Caterpillar BROWZ Certification Superior Rating, ISO 9001:2008 Certification received in 2007.

<sup>1</sup> An innovative program of the Illinois Soybean Association and American Lung Association

### G&D Integrated has provided solutions for many OEM leaders and their supply chain partners:

ADM	Johnson Controls
AGCO	Komatsu
Ball Corp.	Tata Steel
Belkin Intl.	The Bon Ton
Caterpillar	Wabash National Corp.
CNH Industrial	WestRock
Crown Cork & Seal	Whirlpool
Deere & Co.	ZF Friedrichshafen AG

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