



Overcome Common WMS Challenges with P4 Warehouse:

Powerful Inventory
Management
Made Simple





Every warehouse manager knows that the market is turning from distribution to eCommerce. However, these changes do not make eCommerce customers any less forgiving. As internet access and adoption rapidly increase worldwide, the number of digital buyers continues to climb each year. **In fact, in 2020, over [two billion people](#) purchased goods or services online.** During the same year, e-retail sales surpassed 4.2 trillion U.S. dollars worldwide.

Because of this, warehouses worldwide are looking for ways to move more products with less people and higher accuracy. For many, this has meant turning to a warehouse management system (WMS) for support; however, many WMSs cause more problems than they solve.

When it comes to warehouse management systems, successful implementation depends on how well the solution adheres to the three Cs of WMS:

- Cost**
- Complexity**
- Customer Service**

While many enterprises accept these common WMS challenges, it's important to note that it doesn't have to be this way. And with P4 Warehouse offered by Barrdega, it isn't. Instead, our modern warehouse management system addresses these common challenges and creates a real-time warehouse environment that you can trust.

How P4 Warehouse Addresses the 3 Cs of WMS

Warehouse management systems are built to make the lives of warehouse managers easier. From receiving to shipping, your WMS should provide real-time visibility into inventory levels, storage capacity, staff productivity, and order fulfillment throughput. However, more often than not, WMSs cause more challenges than they prevent.

In fact, when implementing a WMS, many warehouses find that the solution is costly and complex, with little or inadequate customer service to help them solve the problems they experience. Let's take a glance through the three Cs of WMS and how P4 Warehouse can help overcome these challenges:

Cost

It's important to note that not all warehouses have the budget to invest large sums of capital. For example, the investment for a standard WMS is all upfront and ranges anywhere from \$20,000 to \$200,000 a year for additional maintenance costs. With P4 Warehouse, there's no upfront investment. Instead, warehouses pay on a more reasonable subscription basis, with the expense of the software spread out over its entire lifetime. What's more, maintenance costs are included with the subscription.

Complexity

Standard WMS are challenging to implement and can take anywhere from three to five years to be completely functional. As a result, they are difficult to use and not usually user-friendly. P4 Warehouse features a fast implementation as well as a simple and intuitive dashboard, allowing new users to become proficient in a matter of two to three hours. This process saves time on training and maximizes worker productivity.

Customer Service

Many WMS providers will sell warehouses their solution yet leave them in the dust with little or no additional customer service. When you choose P4 Warehouse, we'll guide you through the transition with one of our dedicated customer service representatives to help with any problems you may experience at no additional cost.

Accelerate Growth and Reduce Complexity

Your WMS should make your life easier, not harder. Whether you're questioning the accuracy of your inventory or are confronted with changing supply chain requirements, P4 Warehouse is here to help you solve any challenge.

Benefits of the solution include:

- **Picking and Fulfillment**

In today's fast-paced world with booming e-commerce, customers expect accurate and on-time delivery. P4 Warehouse generates automated picking labels, tracking customer orders, and optimizing picking processes, leading to reduced costs, improved efficiency, and greater customer satisfaction.

- **Inventory Control and Management**

Inventory management is more than just organizing products. True inventory visibility is achieved through the proper alignment of network strategy, facility and process engineering, and technology systems.

P4 Warehouse enhances your inventory management by decreasing inventory levels, improving order fulfillment, and reducing order cycle time.

Designed to control all of your warehouse's activities, P4 Warehouse allows you to track every unit down to the lowest level of detail for improved order fulfillment and inventory accuracy.

Warehouse employees spend half of their time picking. P4 Warehouse allows you to **increase picks per hour by 300%**.

(Benefits continued on next page)



■ Customer Service and Tracking

The quality of your customers' buying experience is contingent on efficient warehouse operations. Making sure that products are in stock and packages are delivered on time is crucial to providing superior customer service.

P4 Warehouse improves picking accuracy, so orders are right the first time, helping you save an average of 90% on returned product shipping and handling costs. It also makes organizing and tracking shipments easier through automation. Worker assignments, shipment routes, and receiving are easily managed and tracked in real-time, leading to higher accuracy and happier customers.

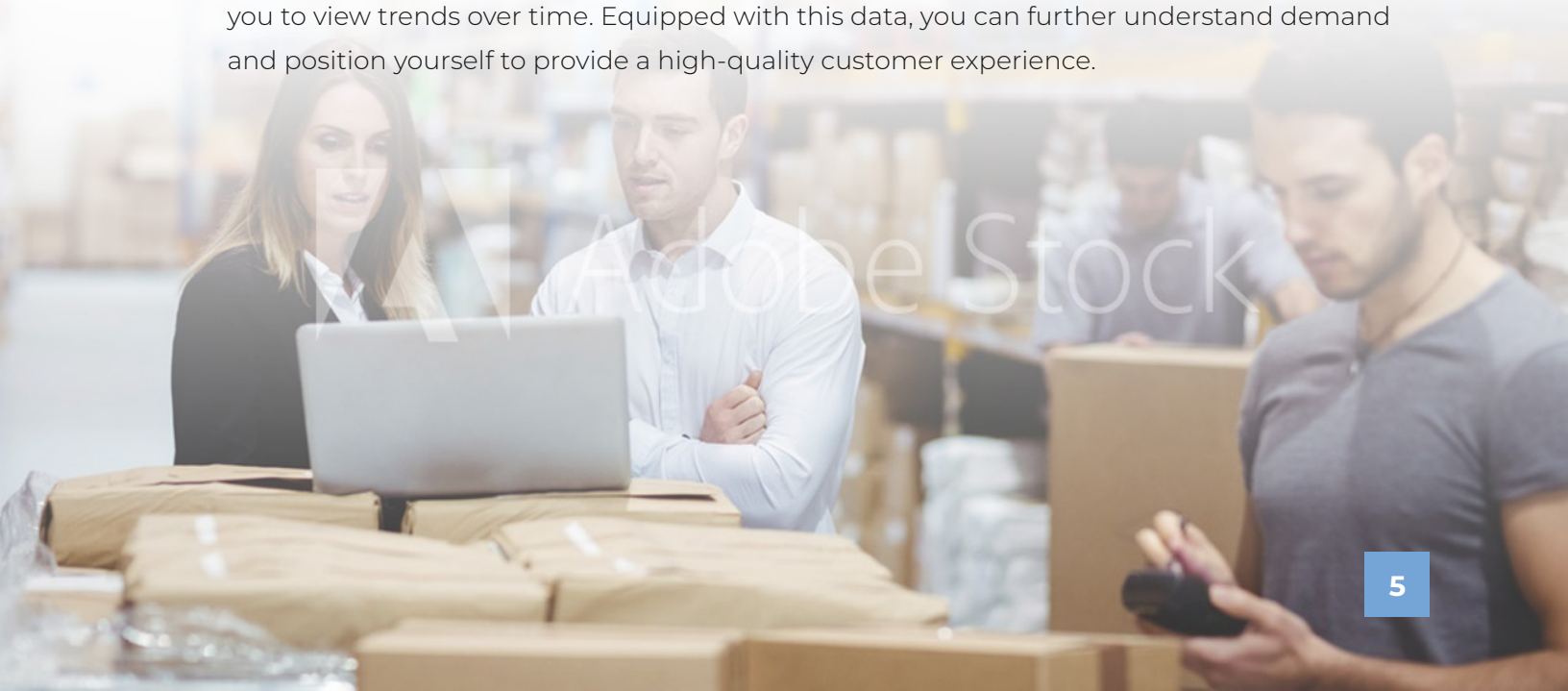
■ Software Integration

Beyond eCommerce, SAP, and accounting integrations, P4 Warehouse has a restful API to manage integrations with the tools you already use. P4 Warehouse can also integrate with your SAP B1 business management system, so you don't have to replicate systems or procedures. Overall, more integrations result in better data flow and less human error.

■ Analytics and Reporting

P4 Warehouse allows you to keep count of products and provide actionable business intelligence, including identifying low and high-performing products. And with accurate inventory information, managers have more confidence to make purchasing and sales decisions.

With the ability to transform and integrate data from various sources, you'll gain a deeper understanding of your business and clear guidance for recommended levels of safety stock, customers, and fulfillment strategies. Our dashboards not only provide you with a current transactional view but also allow you to merge and interpolate historical information, enabling you to view trends over time. Equipped with this data, you can further understand demand and position yourself to provide a high-quality customer experience.



■ Multilingual

Business users in various parts of the world expect to be able to use computer code and applications and business intelligence in their own language. To survive and compete in a competitive environment, your WMS should allow business information from all warehouse processes to be available to all teams in their native language.

P4 Warehouse is a multilingual, scalable, international warehouse management system. This functionality is available to be used throughout the whole process. Additionally, all info can be accessed in your preferred language and extrapolated to create reports.

Key Features of P4 Warehouse

- Appointment Scheduling for Inbound Orders
- Cross-Docking
- Proof of Shipping and/or Delivery with Photos
- Multi Zone Allocation / Waving and Printing
- Dedicated and Non-Dedicated locations
- Inbound Services - Client/Product/Shipper/Receiver
- Reverse Logistics / Returns Processing
- Cycle Counting
- Compliance Picking & Shipping (Cartonization)
- Small Parcel Shipping (DHL, FedEx, UPS, and more)
- License Plate Management (LPN)
- 3PL Management and Invoicing
- Returns Management (RMA)



Zebra: Strategic Partner



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TC20 Mobile Computer



TC57 Mobile Computer



MC3300 Mobile Computer



MC9300 Mobile Computer



ZT411 Industrial Printer



ZQ520 Mobile Printer

Barrdega is Here to Help

Do you question the accuracy of your inventory? Are you confronted with changing supply chain requirements and compliance regulations? P4 Warehouse addresses these common challenges and creates a real-time warehouse environment that you can trust. Android compatible, Zebra validated, and registered ISV, our solution can integrate into your existing systems and custom workflows. P4 Warehouse's scalable, cloud-based technology ensures an efficient set-up and customization based on your — and your clients' — unique needs.

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About Barrdega

Our goal is to lead innovation and change at your company through technology and processes to achieve a competitive advantage in the market. We provide experience and knowledge for companies in the retail, manufacturing, transportation and logistics, healthcare, and other industries. We have solutions for Inventory Management, Warehouse Management, Routing, Fixed Asset Management, Personnel identification, Temperature Sensors, Wireless Networking, among others. For more information, please contact us at Blue2021@Barrdega.com.