

3PL Management Solutions





MAVES INTERNATIONAL SOFTWARE

MAVES has the distinction of being a genuine pioneer in the development of multi-client third-party logistics software. For more than forty years, our company has earned its reputation by delivering efficiency-oriented applications, tools and services to meet the evolving needs of our customers and the industry. Along the way we've helped some of the most profitable and progressive names in the business use our 3PL technology to gain an operational edge over their competition.

As a valued and long-standing member of the IWLA, IARW, WERC, and CSCMP associations, MAVES actively supports the 3PL industry and its leaders.



"Maves' longevity, unique in the 3PL software industry, rests not only on our focus on customer service, but also on our patented development model, which has enabled us to continuously adapt the best new supporting technologies, all the way from 1973 through to today, where we are a fully web-based application, supporting our clients safely into the future."



VIEWPOINT LOGISTICS TM

INTEGRATED 3PL MANAGEMENT SOLUTION

ViewPoint Logistics™ (VPL) is MAVES' all-in-one software solution suite that enables the multi-client third-party logistics service provider to manage their operations in real-time using simple but yet powerful tools that will improve the visibility, agility and profitability of their business.

Utilizing a browser-based workspace, this fully-integrated suite is comprised of 3 management systems, covering warehousing, transportation and financials. VPL also comes equipped with a secure customer access portal and a whole array of collaborative business intelligence tools. Standard application functionality includes support for RF, EDI and XML communications, cross docking, assembly/ disassembly, hazardous materials (HAZMAT), foreign trade zones (FTZ), as well as the bonding and excise/taxation reporting requirements associated with beer, wine, spirits and other regulated commodities.

DESIGNED TO HANDLE

3PL OPERATIONS OF ANY
SIZE, HANDLING ANY TYPE
OF INVENTORY IN ANY
INDUSTRY THAT SERVES THE
REQUIREMENTS OF MULTIPLE
CLIENTS

VIEWPOINT LOGISTICS™

LETS YOU ORGANIZE,

ANALYZE, AND DIRECT

ACTIVITIES WITH TOOLS

THAT KEEP PACE WITH YOUR

BUSINESS, BY PROVIDING:

COMPLETE
OPERATIONAL
VISIBILITY

REAL-TIME
BUSINESS
INTELLIGENCE

Dynamic Analytics and Reporting

ViewPoint Logistics $^{\text{tm}}$ is the only complete integrated 3PL-centric solution that consists of three core systems:

Warehouse Management System

Transportation Management System

FINANCIAL MANAGEMENT SYSTEM

It is a cohesive package that is ideal for managing the storage, handling and distribution of materials in the supply chain.



Warehouse Management System

Our WMS offers a flexible inbound (receiving), outbound (shipping) & inventory control platform that comes complete with RF and EDI support. The WMS is central to our full complement of 3PL management products and is seamlessly integrated with the TMS and FMS. It effectively maintains and delivers accurate, real-time information on the location, quantities, and status of all goods for all clients (and their customers) at any given time. This robust system is designed to maximize operational efficiency, control logistics cost, and improve overall customer service.



We deliver a full complement of EDI transaction sets that is backed by our dedicated and knowledgeable team of in-house specialists. We handle proprietary message formats as well as standard transaction sets.

Compatible with nearly every hand-held technology, VPL provides a complete WMS solution that is able to employ wireless access to its fullest capabilities.



Our multi-carrier shipment and dispatch handling TMS supports fleet, brokerage and freight consolidation, while tightly integrating into our WMS for resource optimization, tracking and analysis. With an abundance of built in-tools, the TMS can handle the demands of even the most complex 3PL operations. The core functionality gives you the power to run your business more efficiently than ever before, from shipment management to dispatch and rating to billing. You can obtain a complete 360 degree view of all shipment activity and never miss out again.



Our comprehensive financial and billing layer functions throughout the system and is specifically designed to serve the unique requirements of the multi-client 3PL. The FMS module leverages the industry's most powerful billing engine and gives your operation full access to accounts receivable and payable, general ledger and much more.

EDOCS: ELECTRONIC DOCUMENT HANDLING

Our eDocs feature is a single solution for handling the creation, distribution, archiving and retrieval of system generated electronic documents.



EASY GENERATION VIA PDF

Easy Delivery via Email

VIEWPOINT LOGISTICS™ IS:

- Proven
- SECURE
- ADAPTABLE
- Scalable
- FLEXIBLE

THE IDEAL SOLUTION TO MANAGE AND VIEW YOUR INVENTORY, DATA AND PROCESSES

"Maves has excellent service and people. We've been with them for over 15 years. The product has been upgraded and revamped based on current 3PL industry needs. They have great tools built into the system and offer great visibility to key information."

- PRESIDENT, RLS LOGISTICS



Innovative Technology

HIGHVIEWS AND ACTION GRIDS

CAPTURE DATA LIKE NEVER BEFORE

Your 3PL operations function in real-time. More importantly, your customers demand results in real-time. So, if you collect live data, why bother with reports that become history the moment you generate them?

Our revolutionary HighViews and Action Grids technology delivers instant data, reports, and charts that take shape right before your eyes. HighViews in ViewPoint Logistics™ allows you to organize, analyze, and direct activities from a workspace that keeps pace with your business. Action Grids and Charts deliver critical data in a form that you can immediately understand and easily interact with. Plus, they eliminate the need to print day-to-day listings and reports.

"We have found HighViews to be valuable in looking at our customers' businesses from a management and analytical perspective. Essentially, HighViews has organized the data from multiple tables into a logical form that makes reporting and decision making much faster and more accurate. What would take days of labor to gather data now takes only seconds, leaving more time for analysis. For our front line people, HighViews have given them incredible time-saving functions."



"Maves' technology gave us a unique way to see, analyze and access our data, while providing greater operational visibility to our clients. Their clean, cut e-documents and user friendly reports gives our customer exactly what they are looking for."

- CSR. Hanover Logistics

COMPLETE OPERATIONAL VISIBILITY

MyLogistics: Client Portal

Clients need a steady flow of quick, accurate and up-to-date information in order to streamline their inventory planning and order processes. Before they commit to doing business, many now look for 3PL service providers who can promise and deliver seamless visibility and direct access to their data.

MyLogistics meets that challenge. It extends the power of ViewPoint Logistics[™] to the 3PL client so they can review stock levels, track inbound and outbound orders, and generate reports. With our client portal, not only do they see all their data over the web, they can use the same VPL analytic tools to optimize inventories, reduce costs, and satisfy their own customer service objectives.

WE KNOW 3PL

For over 40 years, we have been designing, implementing and supporting 3PL software systems for multi-client service providers. Currently, MAVES applications are being used in warehousing and transportation operations worldwide and we remain the most 3PL-focused software developer. With our proven track record, you can be certain that MAVES will deliver the right solution for the complete end-to-end handling of your 3PL supply chain services and facilities.



"Maves made us a different company.

They completely redefined us and gave us capabilities that we never had before or thought existed through their 3PL software."

- OPERATIONS MANAGER,
LAKE SUPERIOR WAREHOUSING

KNOWLEDGEABLE SUPPORT

At MAVES, we are not just a software company - we are committed to helping you achieve success. Our people have worked on countless projects together transforming 3PL requirements into working realities. The collective knowledge base at MAVES spans more than 450 distinct multi-client 3PL implementations. This level of understanding extends well beyond the technology and into the business side of the 3PL industry. So when you work with us, you spend less time explaining the work you need to do, and more time getting that work done.

VIEWPOINT LOGISTICSTM FEATURES OVERVIEW

OPERATIONAL DATA AT YOUR FINGER TIPS • User-friendly workspace • Powerful analytic tools - no SQL coding or programming expertise required	KEY FUNCTIONALITY	DESCRIPTION
 User-friendly workspace Powerful analytic tools - no SQL coding or programming expertise required 	NET FUNCTIONALITY	
HIGHVIEWS AND ACTION GRIDS tasks Serves as the central launch point for running multiple activities in your operation Refreshes automatically with instant updates, following each stage in your work cycle	HIGHVIEWS AND ACTION GRIDS	 User-friendly workspace Powerful analytic tools - no SQL coding or programming expertise required Renders the "big picture" but can drill down to specific details, locations, and tasks Serves as the central launch point for running multiple activities in your operation Refreshes automatically with instant updates, following each stage in your
INBOLND LOCISTICS AND PUTAWAY Built-in appointment scheduler System/operator directed & verified putaway Client & product specific workflows Create client specific workflows Create client specific workflows Create client specific data fields OUTBOUND ORDER MANAGEMENT Client & product defined rotation rules Work with deferred & standard orders Spit & consolidate (master) orders Cross docking Order status controls Fulfillment INVENTORY MANAGEMENT Hold or location adjustments Multi-client product, lot and serial tracking Inventory status reporting Cycle counting & full physical inventory Conveyance and pallet ID tracking Work with gross, net, and catch weights ASSEMBLY AND DISASSEMBLY ASSEMBLY AND DISASSEMBLY ASSEMBLY AND DISASSEMBLY ASSEMBLY SWEATEN SKYSEM (WMS) ASSEMBLY SWEATEN SKYSEM (WMS) Foreign Track constituent SKUS & decrement stock Assign & track costs for labor & parts Create & store assembly instructions FOREIGN TRADE ZONE Track call FTZ compliant data Track zone entry number & zone details Annual report generation Liquor Control. Hadde Spirits, wine, and beer distribution Manage & record inventory status changes Support for regulatory documentation HAZARDOUS MATERIALS (HAZMAT) Maintain UN & NA codes HAZMAT-directed stock location		Built-in appointment scheduler System/operator directed & verified putaway Client & product specific workflows Create client specific data fields OUTBOUND ORDER MANAGEMENT Client & product defined rotation rules Work with deferred & standard orders Split & consolidate (master) orders Cross docking Order status controls Fulfillment INVENTORY MANAGEMENT Hold or location adjustments Multi-client product, lot and serial tracking Inventory status reporting Cycle counting & full physical inventory Conveyance and pallet ID tracking Work with gross, net, and catch weights ASSEMBLY AND DISASSEMBLY ASSEMBLY AND DISASSEMBLY ASSEMBLY and DISASSEMBLY Sessemble new products from inventory Disassemble items back to inventory Track constituent SKUs & decrement stock Assign & track costs for labor & parts Create & store assembly instructions FOREIGN TRADE ZONE Track ZONE Track ZONE Track zone entry number & zone details Annual report generation LIQUOR CONTROL Handle spirits, wine, and beer distribution Manage & record inventory status changes Support for regulatory documentation HAZARDOUS MATERIALS (HAZMAT) Maintain UN & NA codes

Support for regulatory documentation

DESCRIPTION
 THIRD PARTY BILLING Define and automatically invoice non-inventory owners Specify which businesses have entered into agreements Easily automate 3rd party charges Attach 3rd parties to client receipt lines Attach 3rd parties to order accessorials Adjust incorrect charge rates or commencement dates
Conveyance Billing Bill based on conveyances in the facility Track & bill for each customer on a conveyance View how charges are calculated and applied Create value-added services
ACCUMULATED RATE BREAKS Define and automatically generate "volume incentive" billing Increase revenue automatically Set rates on forecasted activity Retroactive rates for transactions Calculate automatically or manually
 RF Inbound Scan conveyance and pallet IDs System or operator directed and verified putaway Client & product specific workflows Status and condition recording Time and date stamped operator activity logs Provides real-time updates to MyLogistics
 RF Outbound Work with FIFO and LIFO rules System directed picks & real-time validations Operator override for ad hoc picks Scan conveyance & pallet IDs Time and date stamped operator activity logs Provides real-time updates to MyLogistics Pick and pack Pick to packing station
 RF Inventory Full multi-client/product business logic Ad hoc entry of hold and location adjustments Real-time updates of inventory status System directed cycle counting Time and date stamped operator activity logs Provides real-time updates to MyLogistics
 EDI MANAGEMENT Map non-standard to standard transaction sets Inbound & outbound transaction logging Create client or transaction logging Full inbound tracking Real-time event logging Exception reporting Scheduled auto-processing can run in background System auto-starts in event of service interruption Integrates fully with all of VPL All this, plus we handle proprietary message formats as well as standard

KEY FUNCTIONALITY	DESCRIPTION
Transportation Management System (TMS)	SHIPMENT MANAGEMENT 360 degree view of all shipments Supports fleet, brokerage & freight consolidation Fully integrated with the WMS in VPL GRAPHICAL DISPATCH BOARD Customized view of all TMS functions At-a-glance status of asset location View updates in real-time DISPATCH SYSTEM Zone-based delivery tracking Build full & LTL loads Assign drivers to specific equipment Track your drivers & equipment together or separately Allow ad hoc pickups/deliveries on scheduled runs Extensive manifesting tools Identify potential lates Compare rates by carriers and route
TMS BILLING	FREIGHT CHARGE CALCULATOR Auto-calculate carrier/service level tariff charges Manage & reconcile charges from inter-line carrier partners Completely configurable rate tables accommodate: Multiple weight breaks Deficit rating Stop-offs Demurrage Consolidated rating by manifest Manage ad hoc freight quotations
Financial Management System (FMS)	GENERAL LEDGER Enter standard & journal vouchers Open multiple periods simultaneously Consolidate reports for multiple business units Self-defined sub-ledgers & dynamic budgeting Handle inter-company posting of expenses ACCOUNTS RECEIVABLE Full function AR module Cash postings User configurable aged reporting Overdue accounts tracking & analysis Generate statements Easy-to-use account inquiry tool ACCOUNTS PAYABLE Flexible invoice payment options User-defined aging reports Full check reconciliation User configurable reference codes Multiple GL expense distributions per invoice Cash requirement analysis and reporting Print checks direct from system Accommodates inter-company postings

FEATURE HIGHLIGHTS OF VIEWPOINT LOGISTICS[™]



KEY FUNCTIONALITY	DESCRIPTION
MyLogistics: Client Portal	 Secure web-based browser interface Real-time delivery of inbound, outbound and inventory records Drill-down from orders/receipts/ASNs to associated inventory units, and conveyances Sort by carrier and product Query and analyze live data, historical data, or both Take advantage of ViewPoint Logistics™ business intelligence functionality Generate and export dynamic reports via Excel, PDF, and XML Attract new customers with value-added services, and unprecedented visibility
EZ LEARN USER ASSISTANCE (EMBEDDED SELF HELP MODULE)	 Instant on/off hover help for context-sensitive info on any ViewPoint Logistics™ feature Central web-based library contains all learning tools, FAQs, knowledge base, and support notifications Access multi-media tutorials, interactive workflow diagrams and instructional videos Powerful search capability that allows for partial search criteria and synonyms Web-based interface can also be accessed from outside the application Favorites feature allows bookmarking of topics, instruction steps, workflow diagrams, etc.

Training & Support

ViewPoint Logistics™ is designed so that the ordinary user can grasp features without the need for extensive technical knowledge. However, training is not a mere afterthought at MAVES. We believe the best way to achieve the most effective results from "day one" of a new MAVES implementation is to undertake a full-solution approach which includes:

- On-site trainers
- Tailored, hands-on courses
- Embedded user assistance
- On-going customer support

For a new MAVES site, key operators & administrators will be scheduled for training sessions where we demonstrate how to use ViewPoint Logistics™ to its full capability. Courses are developed with participants completing a set of modules designed for various 3PL processes. Each includes an overview discussion followed by practical application of software components, through both instructor-led and hands-on exercises. Course material is also customized to match site-specific requirements.

To supplement our training program, ViewPoint Logistics™ software is equipped with an embedded help module called eZ Learn, which ensures that the user experience is never interrupted due to the need for more information. It includes a variety of context-sensitive help material, how-to videos, FAQs, workflows, a powerful search feature, and much more. eZ Learn will also be referenced throughout our training courses to familiarize participants with our online documentation. We continually update eZ Learn material to keep pace with new functionality.

In addition, we provide 24/7 support and have an active MAVES Users Group that hosts regular conferences, workshops, and seminars. We also provide additional on-site training upon request.

At MAVES, our desire to provide quality customer service is paramount. So, when it comes to training and support, we have you covered.

