



Solvo.WMS for the Third Party Logistics (3PL)

Solvo.WMS –
precision management technologies



Your issues

- Conditions of uncertainty in relation to both potential clients as well as to their demands for service and support
- Requirement to keep record of additional services for warehouse clients – packaging, labeling etc.
- Working with a diverse group of clients – each client has their own specificities
- Requirement to timely and accurately charge clients for the services provided at the warehouse
- High probability of error during order assembly – mis-picks and overweighed loads
- Processing of documents from clients in EDIFACT format



Our solution –
SOLVO.WMS
for 3-PL

DEPLOY LOCALLY
OR IN THE CLOUD



“ Solvo.WMS provides the ability to work with goods of different owners, manage inner and inter-warehouse transfers, manage billing and keep record of operations, work with transit cargo and certificates, assemble kits and manufactured goods, package and re-package, optimize putaway, and manage batch processing and order shipping operations.

The system makes it possible to enter and retrieve information regarding items that have arrived, are stored, or are shipped from the warehouse. Using the interface, the user can view where the goods are located on the warehouse layout (topology) or conduct a search based on its parameters. Therefore, “Sherland” warehouse is able to give the client precise information on the exact location of a particular SKU item at any moment in time. ”

Olga Aleksandrova,
Commercial Director, “Sherland”

Major projects for 3PL operators

2013



2013



2008



2007





➤ **Real-time management of all major operations** at the warehouse: starting from the moment goods arrive, to the yard to the time they are shipped to the client.

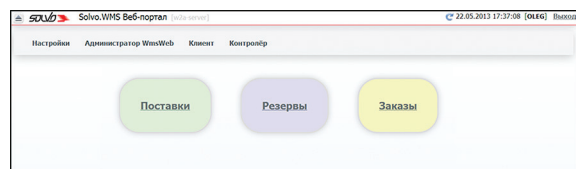
The system uses the principles of address-based storage, automatic load identification, remote personnel and equipment management and process optimization based on configured rules and strategies.

➤ Specifically designed for commercial warehouses – **“Additional operations,”** functionality which makes it possible to create any type of new operation that can be “imbedded” into existing technological processes of the warehouse in real time. This feature is also responsible for keeping record of operations using various units of measurement for subsequent billing.

➤ The **billing module** is specifically tailored for 3-PL operators and provides the ability to customize settings for each individual client. The user creates the rate schedule, performs the necessary calculations using system coefficients depending on the type of goods, storage zone, service conditions.

➤ The **Solvo.WEB** module is designed for remote data entry by commercial warehouse clients (owners) and to provide access to information regarding the SKU, storage location, performed operations, times of request processing by SKU owners as well as stakeholders via the internet.

➤ **EDI module** (electronic data interchange) – an established framework for exchanging structured digital data between organizations; this feature makes it possible to conduct



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9	Гипермаркет	LNT							Школа WMS	28.05.2013	11:07:07		Паллетный	
5	Гипермаркет	OK							Школа WMS	28.05.2013	11:07:07		Паллетный	
8	Гипермаркет	REAL							Школа WMS	28.05.2013	11:07:07		Паллетный	
11	Магазин	X5							Школа WMS	28.05.2013	11:07:07		Паллетный	
1	Русские	RSL							Школа WMS	28.05.2013	11:07:07		Паллетный	
6	Сеть магазинов	70mer							Школа WMS	28.05.2013	11:07:07		Паллетный	
7	Сеть	7family							Школа WMS	28.05.2013	11:07:07		Паллетный	
10	Универсам	Tander							Школа WMS	28.05.2013	11:07:07		Паллетный	

semi-automatic creation of documents required for work and reference lists whenever no stable connection between the WMS and ERP-system is present or when it is not possible to set up an extended interface.

➤ Yard Management

- Permits
- Truck scheduling
- Web interface for forwarders
- Dock planning
- OCR and ACS integration



➤ **RFID** As a part of AIDC the systems supports radio frequency identification where needed. Solvo.WMS supports all kinds of RFID equipment - both hand-held and stationary.

SOLVO works closely with some of the world's leading and most recognized companies in providing clients with the latest and most advanced data terminals:



2007

2005

2004

2003



СЕВЕРТРАНС



Нордстор



"AlbatrosCargo"

International logistics company



IMPLEMENTATION OBJECTIVES

AND SYSTEM SELECTION

AlbatrosCargo management decided to automate the warehouse to ensure that all business-processes are accurate, streamlined and dependable. SOLVO.WMS was chosen among a series of major companies offering similar services due to its proven track record on the WMS-systems market: successfully implemented projects and highly experienced team of professionals.

What sets this project apart from the usual implementation is that SOLVO.WMS is, in fact, playing the role of a host system at the "AlbatrosCargo" warehouse, which receives all data from SOLVO systems with the help of the new EDI module from SOLVO.

"At our warehouse, Solvo.WMS serves as a host system, to which data is directly uploaded. SOLVO is certainly in the driver's seat," said the Dmitry Komarov, warehouse director, "AlbatrosCargo."

RESULTS

“The EDI module helped us to “familiarize” the system with various document formats. Now, it is easy for us to directly load electronic documents into the system and immediately get, for example, ready-made reports in Excel format, said **Dmitry Komarov.**”

The company also actively uses the Billing module from SOLVO, which calculates the cost of rendered secure storage services, keep record of contracts and prepare notices used to bill clients for the services provided. Moreover, the module enables a high degree of flexibility and transparency when offering services to clients by facilitating the process of maintaining and augmenting the client base.

Using the Web-portal module (Solvo.Web), "AlbatrosCargo" clients are able to remotely file requests and receive access to information regarding inventory, storage locations, performed operations, and time spent on processing requests. In result, this reduces the workload on warehouse operators while enhancing data exchange security.

Warehouse specifications

- A secure storage warehouse of the international logistics company, "AlbatrosCargo," which offers services in operative warehouse management and high-volume freight flow processing.
- Modern, high-tech, A-class warehouse, which is located on the territory of the "Tomlino" tech-company. The area of the warehouse comprises 7,000 m2 with 11,000 pallet locations for the storage of various goods: everything from footwear to electronics.
- The processing of cargo actively employs special state-of-the-art equipment such as reach-stackers, lift trucks, and forklifts.

“Solvo.Web allows us to always keep our clients up to date on the state of inventory and the operations performed at the warehouse as well as provide them with just-in-time reports,” noted **Dmitry Komarov.**”

SOLVO.WMS has been operating for only a couple of months and the warehouse management has already noted the increase in accuracy and relevancy of data regarding quantity and location of inventory at the warehouse. Moreover, space is efficiently utilized, all operations are performed on time, and customer loyalty has increased due to their ability to access to real-time information.



"SHERLAND"



IMPLEMENTATION OBJECTIVES AND SYSTEM SELECTION

The main prerequisite for success in Sherland's field of business is the same as for any other company in commercial logistics (3PL), which is to provide a high rate of cargo turnover along the logistics chain while minimizing losses related to load handling and storage. The system must not only be able to manage the work of warehouse equipment and personnel and control the transfer of cargo and loading equipment at the warehouse, but also to plan personnel tasks while taking into account current conditions.

The main criteria for selecting a system besides the ability to resolve key issues was the experience of carrying out successful deployment projects in Russia at major commercial warehouses.

Warehouse specifications

- Sherland (www.sherland.ru) (Moscow oblast) – a state-of-the-art warehouse complex, providing a full range of secure storage and cargo handling services round-the-clock for major Russian and foreign companies.
- The territory of the Sherland warehouse complex includes warehouses with an area of 26 thousand square meters, which are equipped with six-level racks for storing 46 thousand pallets and 1000 square meter zones for small-piece storage. The main types of order assembly are pallet, carton and unit.

“ SOLVO was the clear-cut choice since it not only optimizes the usage of warehouse equipment, storage locations and personnel but also all business-processes related to material flows. The features that distinguishes SOLVO's solution for commercial warehouse from regular warehouse management systems is the ability to work with goods of different owners, manage inner and inter-warehouse transfers, manage billing and keep record of operations, work with transit cargo and certificates, assemble kits and manufactured goods, package and re-package, optimize putaway, and manage batch processing and order shipping operations. ”

Olga Aleksandrova,
Commercial Director, Sherland

RESULTS

“ Thanks to Solvo.WMS, the Sherland warehouse complex can provide its clients with precise information regarding the location of a requested cargo item for the current moment in time. The day is soon when we will be able to provide our clients with a way to monitor the order assembly process in real time using the remote access system.

The option to virtually divide the warehouse into multiple warehouses, a universal gateway for working with various corporate systems, and client access to information regarding load processing via the on-line mode make it possible for “Sherland” to effectively manage its commercial warehouse operations. ”

Olga Aleksandrova,
Commercial Director, Sherland

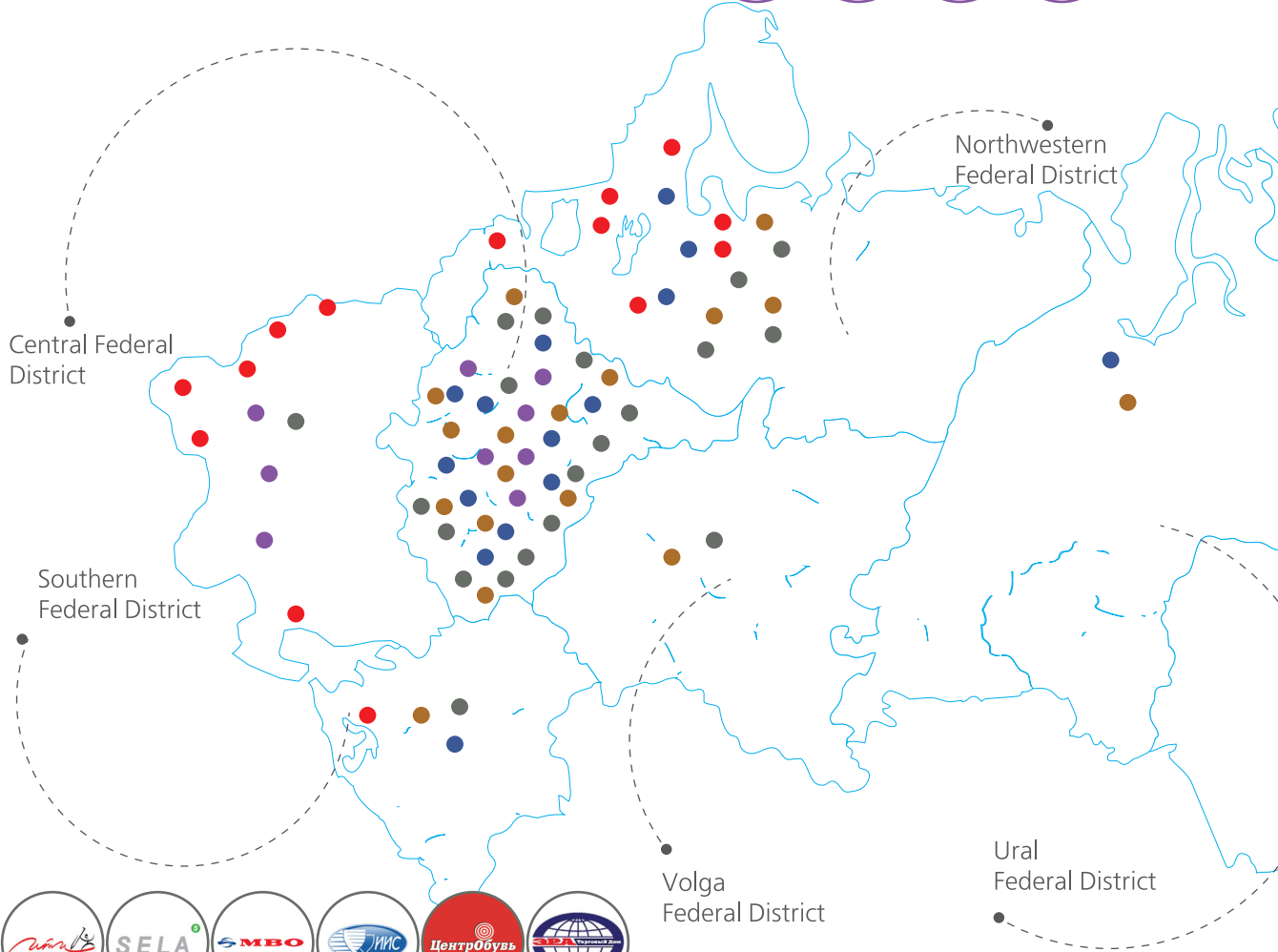


Why Solvo.WMS?

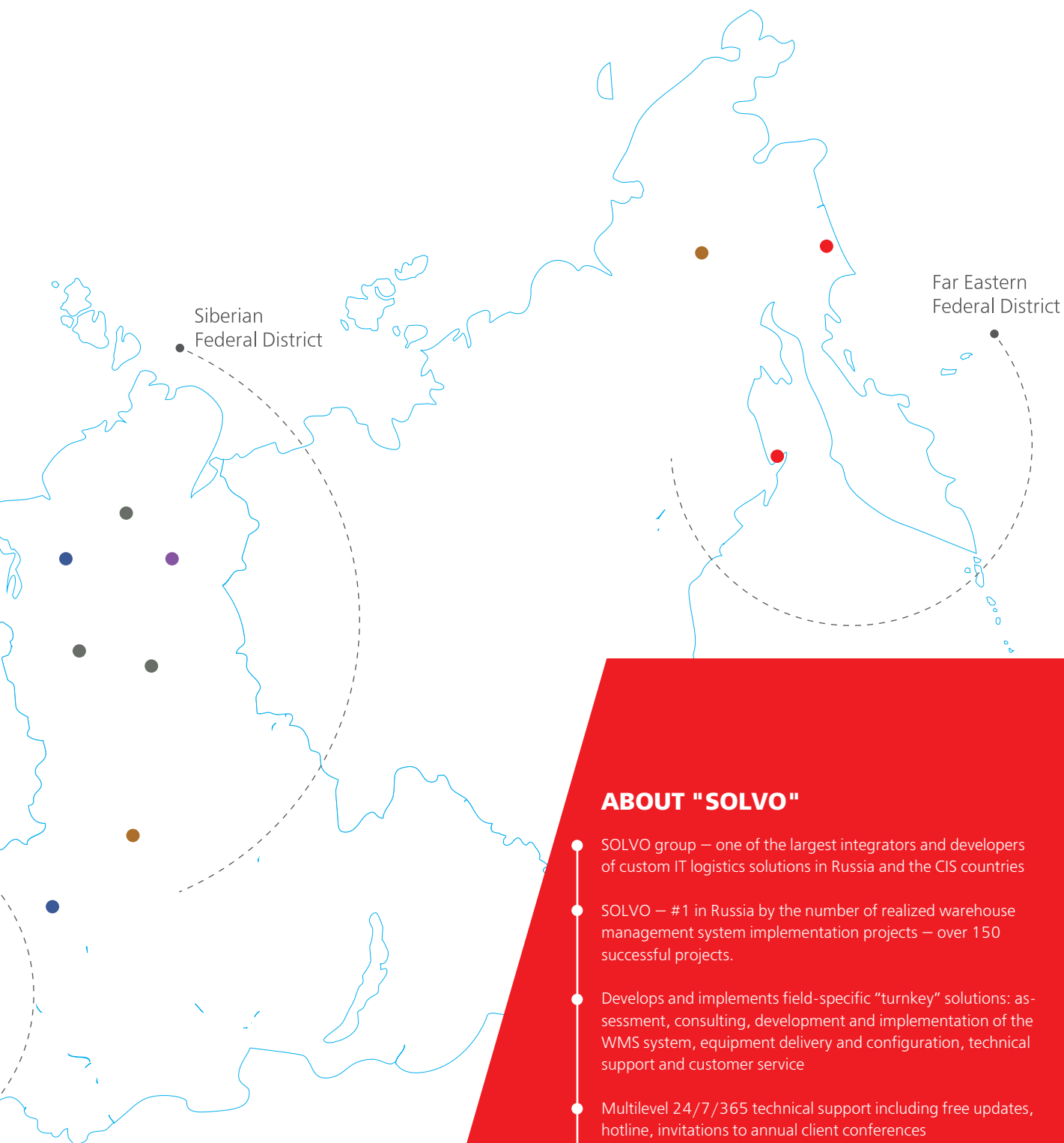


“ SOLVO has been found nearly 20 years ago and during that period it has accumulated vast experience in implementations at 3PL warehouses, including an instance when we designated a special work group of project managers who specialize in commercial warehouses. Moreover, we have a dedicated WMS team that is focused on developing special functionality for 3PL operators - add-on modules such as Billing and WEB portal. All of this is done to ensure that the client is provided with the most optimal tailor-made “turnkey” solution, on time. ”

Ilya Rubinchik,
Head of the implementation department, 3PL expert, SOLVO



- Pharmacy
- Manufacturing
- Distribution
- Commercial Warehouses
- Container Terminals



ABOUT "SOLVO"

- SOLVO group – one of the largest integrators and developers of custom IT logistics solutions in Russia and the CIS countries
- SOLVO – #1 in Russia by the number of realized warehouse management system implementation projects – over 150 successful projects.
- Develops and implements field-specific “turnkey” solutions: assessment, consulting, development and implementation of the WMS system, equipment delivery and configuration, technical support and customer service
- Multilevel 24/7/365 technical support including free updates, hotline, invitations to annual client conferences
- Logistics consulting services
- Client audit assistance





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