



IT solutions for logistics



Lifting Global Trade  
**APM TERMINALS**

**globalports™**

**CMA CGM**

**TIL**

**PEPSICO**



**Carlsberg**



**dpd**

**AET**  
ANTWERP EUROTERMINAL NV

**ROYAL CANIN**

**ABInBev EFES**

**Valio**

**TOYOTA**

**NORNICKEL**

**GRIMALDI LINES**

**Pfizer**

**P&G**

**Atria®**

300+ projects

# About Solvo

## Solvo - the supply chain execution expert

Solvo is one of the leading providers of high-end supply chain execution solutions to help optimize port and warehouse logistics.

Solvo offers a range of proprietary software solutions for port and terminal operators, manufacturers, distributors and 3PL providers. Those include comprehensive TOS, WMS, Yard, Billing and more.



**Year founded:**  
1995

**Ownership:**  
100% private company

**Number of employees:**  
150+

## Our Mission

To offer the most flexible and efficient IT solutions for complete SCE that would anticipate the changing needs of the client.

## Our Philosophy

We are not just software developers we are a team of highly skilled and highly motivated professionals inclined to deliver a comprehensive solution to meet even the most challenging objectives;

We are ready to take charge of even the most complex projects;

We do whatever it takes to make sure we finalize the project and customers' objectives are met in full.



**23+ years**  
**300+ projects**  
**150+ employees**



# Business areas

## Solutions for ports and terminals

A leading terminal operating system (Solvo.TOS) for ports and terminals. An ultimate set of solutions for managing just any type of cargo: container, break bulk, Ro-Ro, etc.



## Solutions for warehouse logistics

One of the leading software providers of SCE software in Eastern Europe. Solutions range from WMS to WCS, Yard, Billing, KPI and more for all verticals: production, retail and distribution, 3PL and pharmaceuticals.



## A trusted partner in scanning and mobility

Authorized platinum partner of Honeywell HSM, Datalogic, Zebra (Motorola Solutions), TSC and many others. Own services centers for repair and maintenance of mobile computers and scanners.



## Consultancy in logistics

Logistics consultancy services as well as organizing seminars, webinars and other educational events. Own competence center based on a 30 000 m2 3PL warehouse in Moscow.



## 50+ technology partners

**Honeywell**



**Intermec**

**DATALOGIC**



**Panasonic**



**ORACLE**



**voxware**



**kardexremstar**



**BIZERBA**



# Solvo.TOS Container



Reefer  
management

EDI

KPI

Document  
management

Resource  
planning

Vessel  
and berth  
planning

Equipment  
dispatch

Gate  
planning and  
processing

Rail  
planning and  
processing

Yard  
planning and  
optimization

CFS

Billing

Web

Customs  
compliance

Advanced  
reporting

A state-of-the-art system tailored to the specific needs of the customer. Yet even the most basic out-of-the-box configuration enables effective and streamlined planning, equipment control and terminal workflow management in one database.

## Solvo.TOS General Cargo and Ro-Ro

Solvo.TOS General Cargo enables stevedoring companies to effectively manage operations related to handling of general cargo real-time. The system takes into account specifics of handling and storing different cargo types such as timber, metals, project cargo, Ro-Ro.

### Features:

- Berth planning;
- Automated or semi-automated stowage planning;
- Real-time load ID using barcoding or RFID;
- Dynamic stacking and yard optimization;
- Real-time process monitoring using interactive graphic tools;
- Resource planning and work-order management;
- Integrated billing module;
- KPI.



Tallyman from Ust-Luga port (Ferry complex)

Inspector from Ust-Luga port (Break-Bulk terminal Yug-2)

## Solvo.GOS

Solvo.GOS is a comprehensive automated gate operating system aimed at facilitating gate entry/exit, security check, vehicle and cargo identification, truck driver management and other processes thus allowing a significant reduction in truck turn-around time and reshuffles/rehandles in the yard, cargo theft prevention.

## Solvo.VBS

Solvo.VBS is a vehicle booking software solution that allows cargo forwarders to book in any of the 24 time zones per day using a time-slotting technology and then automatically creates truck-visit schedules validated by TOS and Customs systems.



# Solvo.WMS

Comprehensive management system designed for effective real-time management of processes at warehouses with any type of nomenclature and turnover volume.

Solvo.WMS is offered in a series of out-of-the-box solution designed for specific industries:



Production  
(including FMCG)



3PL



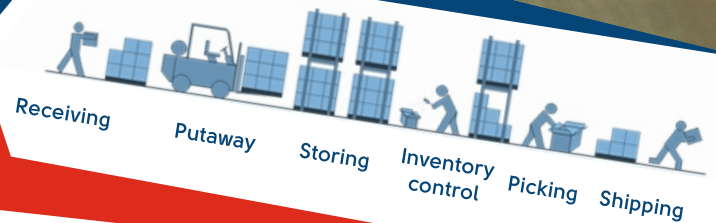
Distribution  
and retail



Pharmaceuticals



Solvo.WMS can be specifically configured to work with different types of warehouses – finished goods, raw materials and machinery, DC etc.



# Solvo.Yard



Solvo.Yard helps organizing traffic flow in the warehouse yard and significantly reduce time needed to handle inbound trucks thanks to such technologies as:

- Expedited registration of inbound truck-drivers using self-service kiosks and electronic queue;
- Automated and semi-automated gate-in and gate-out control;
- Automated creation of yard routes with check-points for inbound/outbound trucks;
- Simplified truck-visit handling paperwork
- Automated direction of truck drivers to the next checkpoint using SMS;
- Powerful reporting tools;
- Integration with any WMS and ERP and more...

# Solvo.Billing

The Solvo.Billing is designed to calculate the fees for the services provided by a terminal operator/3PL provider to clients – cargo-owners, shipping lines, cargo-forwarders and consequently bill them without having to use expensive accounting or ERP software. In other words, Solvo.Billing imports data from Solvo.WMS or Solvo.TOS regarding performed operations e.g. receiving loads, daily storage of cargo etc., tallies up the cost and transforms this into services e.g. load storage per ton, storage of hazardous cargo. Then it calculates the fees for the services provided based on the current rates and creates invoices/sends data to a 3rd party system.

# Why choose Solvo

## Solvo is a stable partner with long history and track-record

- Clear strategy and vision for the future;
- More than 300 completed projects to date;
- More than 100 customers subscribed for the annual technical support plans;
- 150 employees;
- 50+ partners all over the world.

## Customized to your business needs

- Ready-to-implement, time-proven and scalable solutions;
- Ready to customize solutions for your business needs;
- One can configure Solvo solutions with parameterization without changing the code.

## Efficiency that gives quick ROI

- Payback period for TOS and WMS is less than 1 year;
- Optimized cargo flow and 100% data accuracy;
- 99% elimination of excess loads and mispicks at the warehouse;
- 100% order traceability;
- Reduced empty runs of equipment;
- No congestion at the gates;
- Motivated labor;
- Better service levels than the competition and more

## Cutting-edge technology

- All solutions are developed using modern languages such as Java, C#, Net;
- We use service-oriented architecture (SOA) standards for integration between modules and 3rd part systems;
- Support the use of Business intelligence and BIG DATA, OCR, RFID, Voice, DGPS and other technologies.

## Committed to customer

- We always make sure that every single system user knew what to do;
- We always do hypercare after Go-Live;
- We can speak your language
- wherever you are.

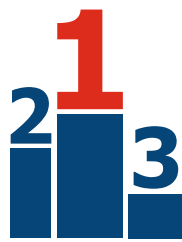




# Achievements, facts and figures



Technology pioneer



Market leader  
in various segments



Fraunhofer  
certified



ISO 9001:2008  
certified



Member of many  
international  
associations



One of the leaders  
in VMT sales

## Meet Solvo at major trade fares

TOC

Intermodal

Transport Logistic

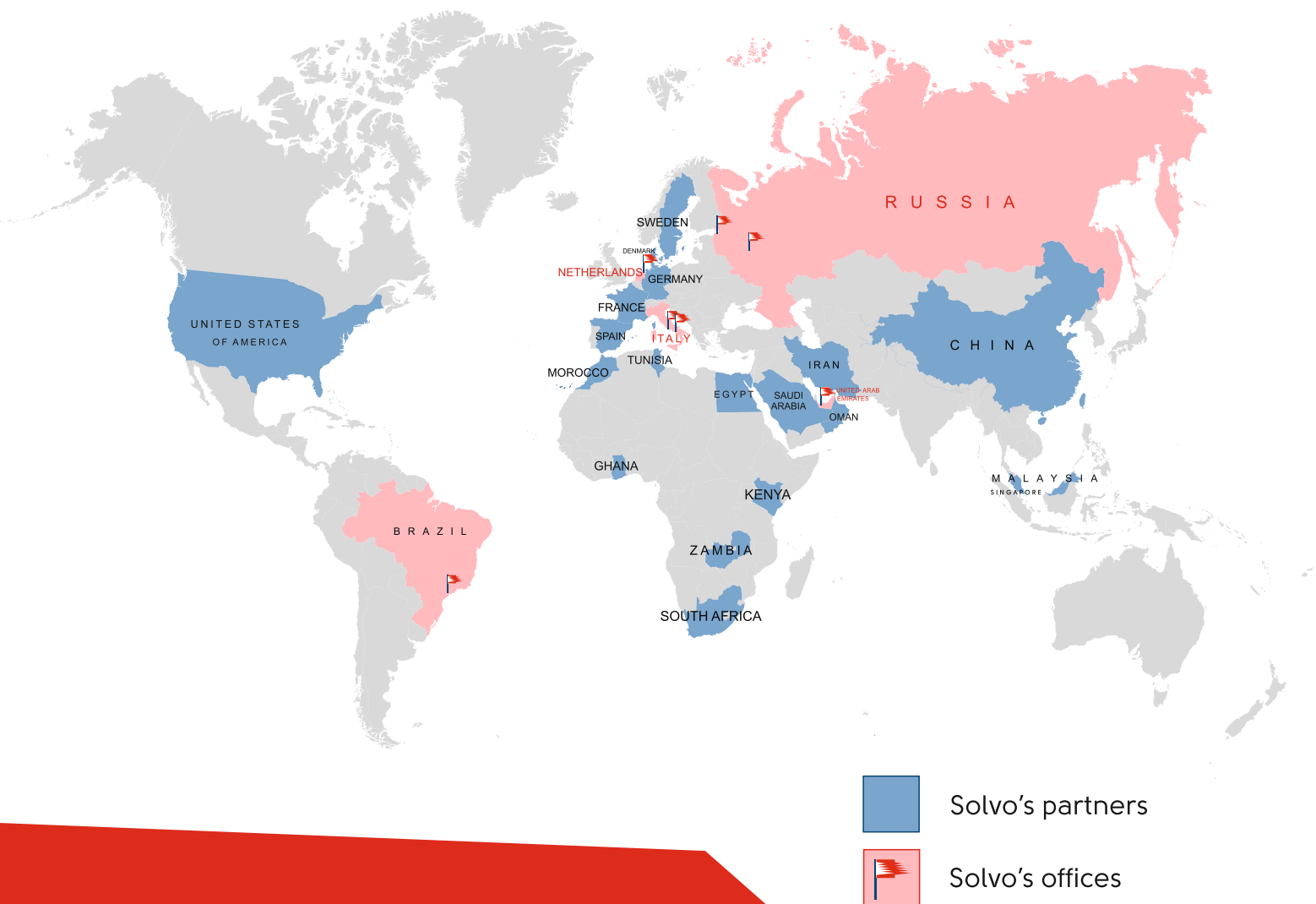
BreakBulk

CeMAT

and others



# Solvo worldwide offices and resellers



## Solvo's offices

### Solvo LLC.

HQ in Saint-Petersburg, Russia  
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### Web sites:

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[www.solvo-europe.com](http://www.solvo-europe.com)