







Who we are:

SOLVO Ltd. is the leading Russian provider of high-end supply chain execution solutions to help optimize warehouse logistics and general cargo handling.

SOLVO is an independent software developer and a leading industry expert in warehouse and terminal operations management.

Year founded:

1995

Ownership

100% private company with Russian capital

Number of employees:

145

Project geography:

Russia, Ukraine, Belarus, Armenia, Estonia, Latvia, Kazakhstan, Uzbekistan, Qatar and more

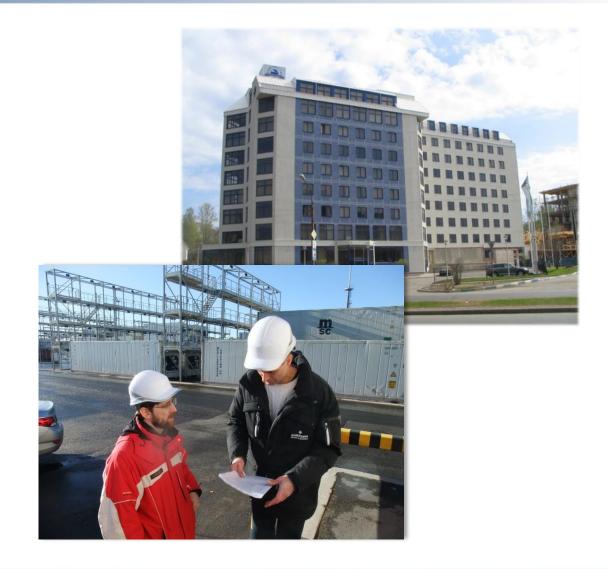
Offices:

HQ: Saint-Petersburg

Representative office: Moscow

International branch: The Hague (NL), Rome (Italy)

New branch to be established: Dubai (UAE)







Our Mission

To offer the most flexible and efficient IT solutions 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.







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.



Solutions for ports and terminals

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



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.



Achievements, facts and figures



Developed first WMS, TOS and Introduced the very 1-st RDT in Russia in the 1990s



70% of all containers in Russia is processed by Solvo.TOS



ISO 9001:2008 certified





20+ years 200+ projects 140+ employees



Leader of cabin mounted mobile computers sales in Russia



Multinational brands – Solvo's customers





































Essential port projects in different parts of the World

















PETRO

LESPORT







GROUP







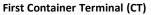












St. Petersburg, Russia 480 439 - 1 200 000 TEU/a year

Logistica-Terminal (Inland CT) St. Petersburg, Russia

Ust-Luga Container Terminal (CT)

Ust-Luga, Russia 440 000 TEU/year

Vostochny Stevedoring Company

Nakhodka, Russia

Petrolesport (CT and multipurpose)

St. Petersburg, Russia

Novorossiysk Commercial Sea Port

Novorossiysk, Russia

Novoroslesexport (CT)

Novorossiysk, Russia

Baltic Stevedoring Company (CT)

Baltiysk, Russia

Container Terminal St. Petersburg

St. Petersburg, Russia

Sea Port of Saint Petersburg (CT)

St. Petersburg, Russia



Muuga Container Terminal (CT) Tallinn, Estonia

Modul Inland container terminal (CT) St. Petersburg, Russia

Bronka Port (CT)

St. Petersburg, Russia



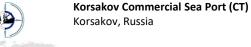


Transinvestservice (CT) Odessa, Ukraine



TIS

Brooklyn-Kiev Port (CT) Odessa, Ukraine



Ilyichevsk Container Terminal Ilyichevsk, Ukraine





Universal Logistic Services (Inland Tashkent, Uzbekistan



Freight Village, Kaluga (Inland CT) Kaluga, Russia



TLK Uzhno-Uralskiv (Inland CT) Chelyabinsk, Russia



TransContainer Group (Inland CT) Novosibirsk, Russia



الشركة القطريسة لادارة المواني **QATAR PORTS MANAGEMENT CO.**

Mwani, Hamad Port (2 multi-purpose facilities)

Doha, Qatar



Rusmarine Group of Companies (CT) St. Petersburg, Russia



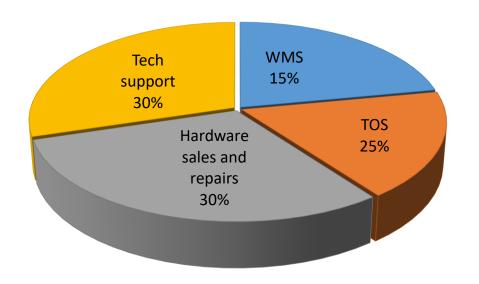
Riga Container Terminal (CT) Riga, Latvia



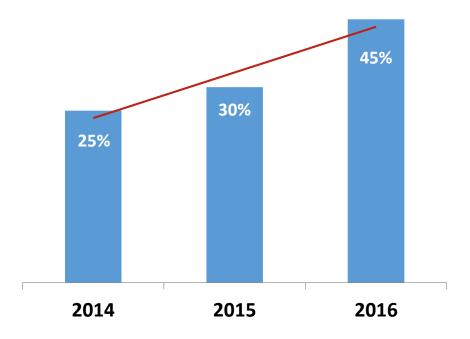


Solvo's constant growth

Structure of sales turnover SOLVO, %



Sales turnover, %





50+ technology partners





































Business Partner



























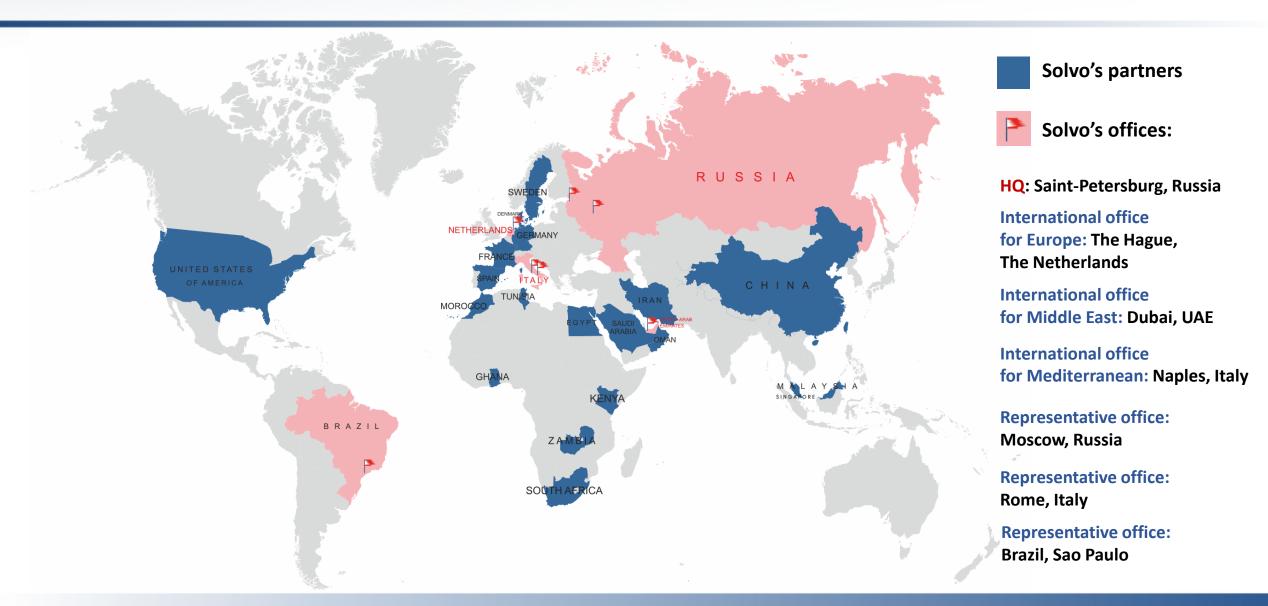






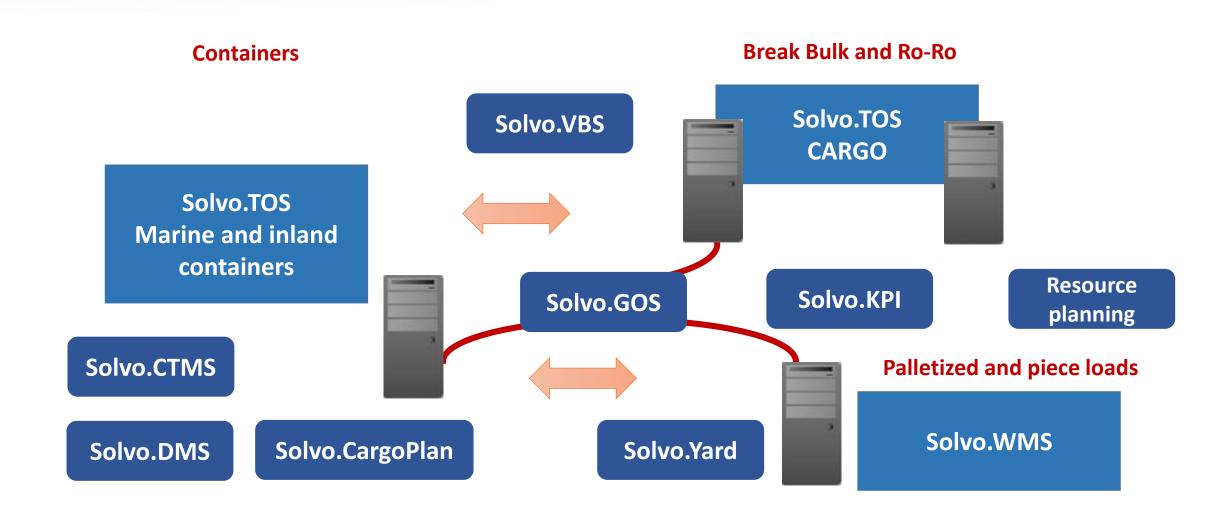


Solvo's international offices and partners



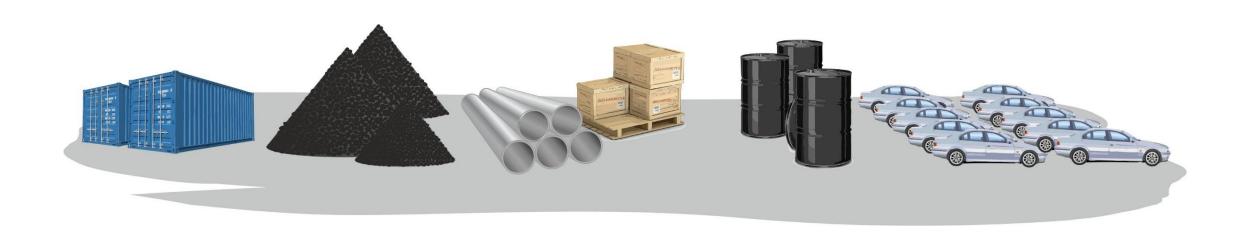








Cargo types supported by Solvo solutions



SOLVO solutions handle wide range of cargo types:

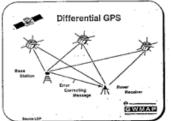
- ✓ Containers
- ✓ Break-Bulk
- ✓ Project cargo
- ✓ Bulk, liquid cargo
- ✓ Ro-Ro
- ✓ Warehouse inventory



Core technologies

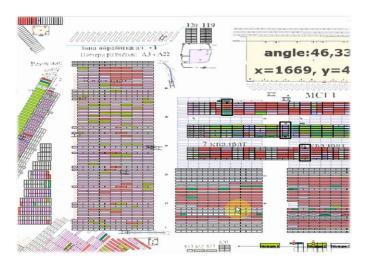
Automatic identification

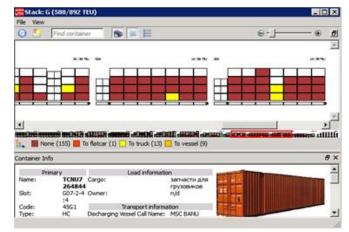






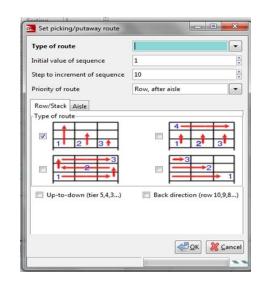
Address-based storage

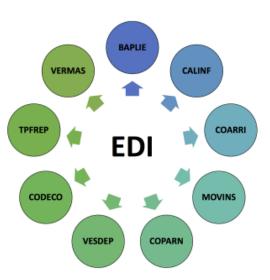




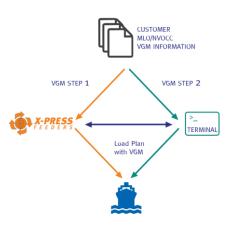
Automated management of personnel and equipment based on BI algorithms







EDI





Solvo.TOS Mixed cargo

So	lvo.	TOS
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Terminal operating and document management system

Reefer management

EDI

KPI

Document management

Resource planning

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.

Vessel and berth planning

Equipment dispatch

Gate planning and processing

Rail planning and processing

Yard planning and optimization

CFS

Billing

Web

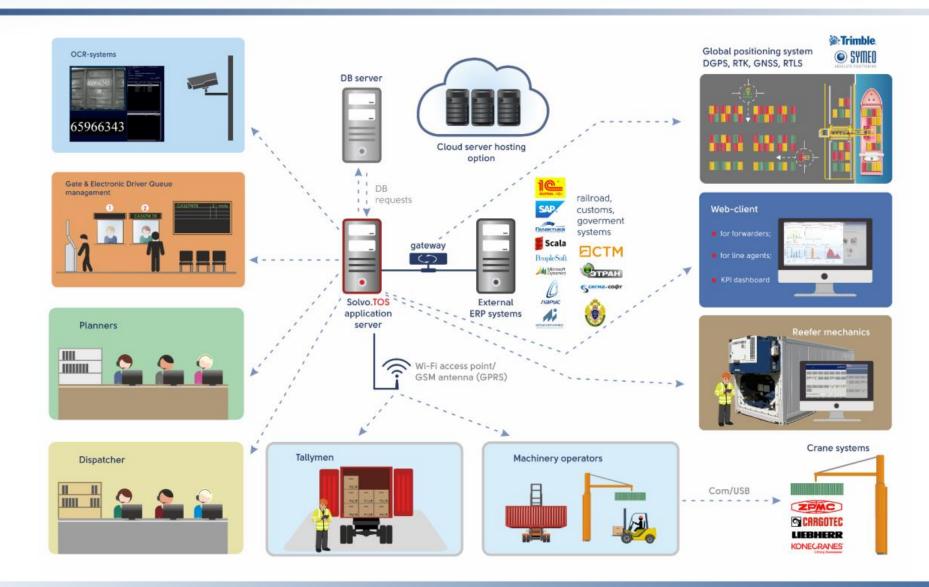
Customs compliance

Advanced reporting





SOLVO.TOS solution components







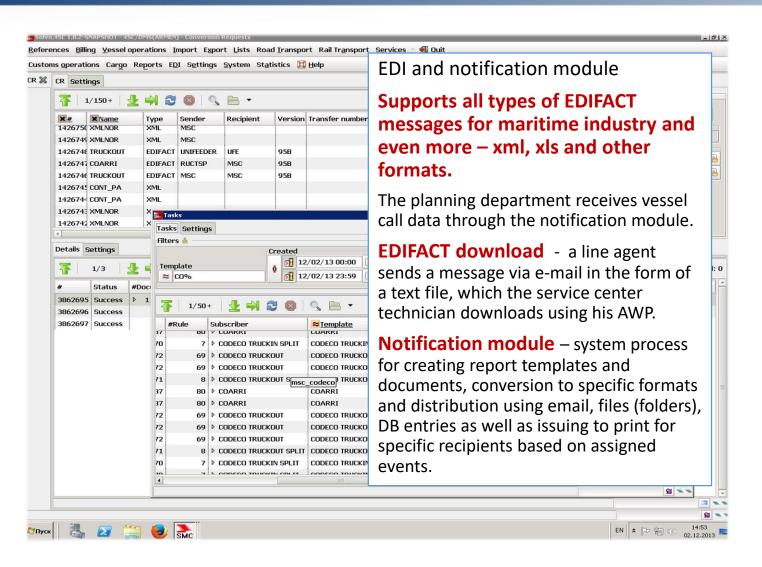


Forwarder send an EDI message to the terminal operator which is automatically processed by TOS.

E.G COPARN - transport order booking. The message contains preliminary info about the arriving containers and vehicles.







Bayplans and Stowage Instructions:

BAPLIE 2.2 06/15 ST BAPLIE 3.1 06/15 ST

MOVINS 2.0.4 09/95 ST MOVINS 2.1.2 10/07 ST

BAPLIE for RAIL 0.1 02/09 TR MOVINS for RAIL 0.1 12/08 TR

Bookings, Arrival and Departure notices, Confirmations of arrival and departure, Orders, etc.:

COPRAR21-VGMST COARRI21-VGMST CODECO21-VGMST

COPARN21-VGM ST COREOR 2.0 04/03 ST COPINO 2.0 04/03 ST

COEDOR 2.0 02/01 TR COSTOR 1.0 09/96 TR COSTCO 1.0 09/96 TR

COHAOR 1.0 09/96 TR

Vessel Departure and Vessel Schedules:

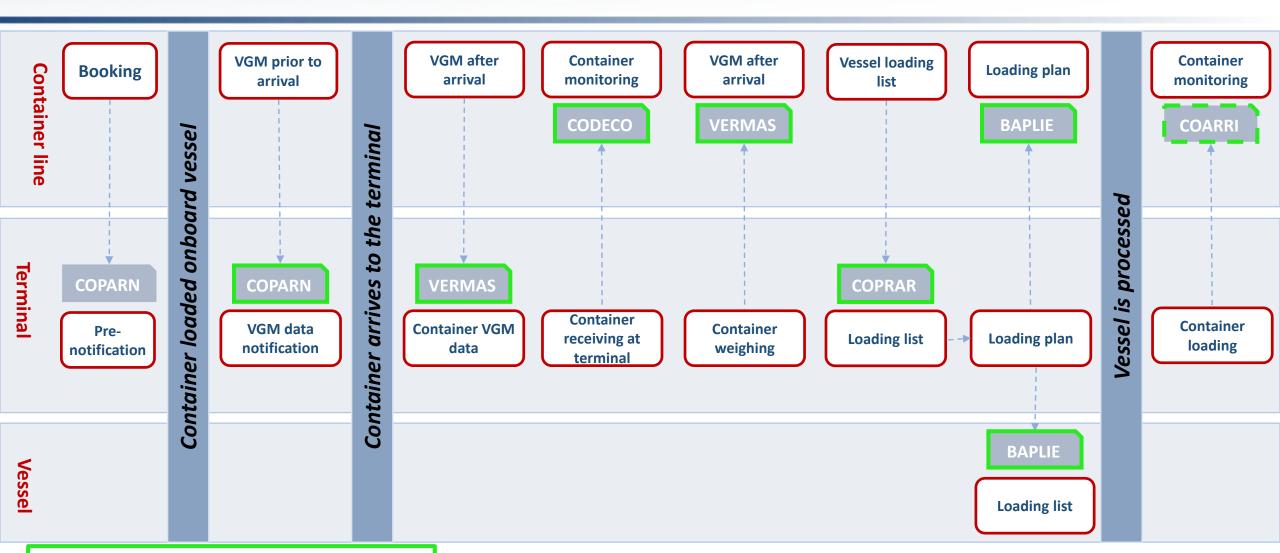
IFTSAI 2.0 05/04 TR IFTSAI SEF File 2.0 05/04 TR







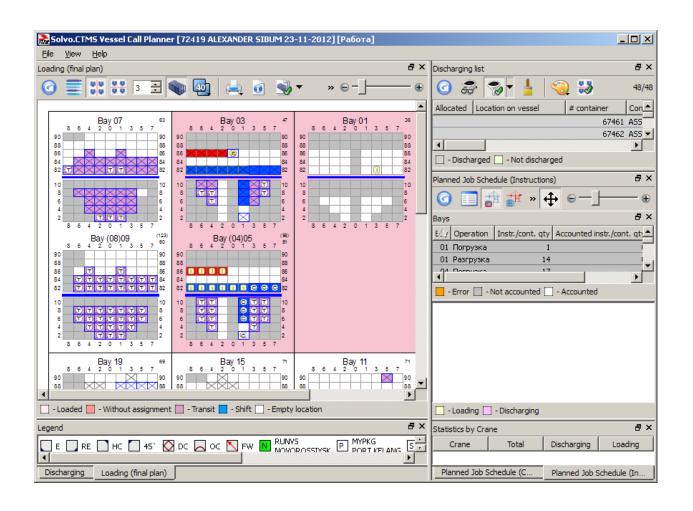
EDIFACT Message Exchange Structure



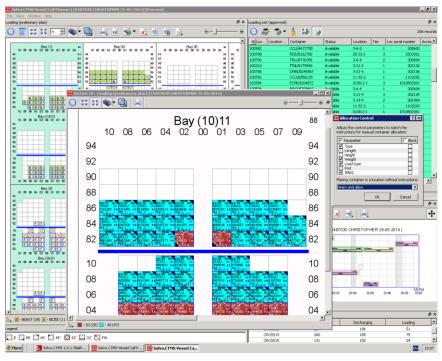
VGM data included in EDI messages



Track and trace VGM verifications when creating vessel loading plan

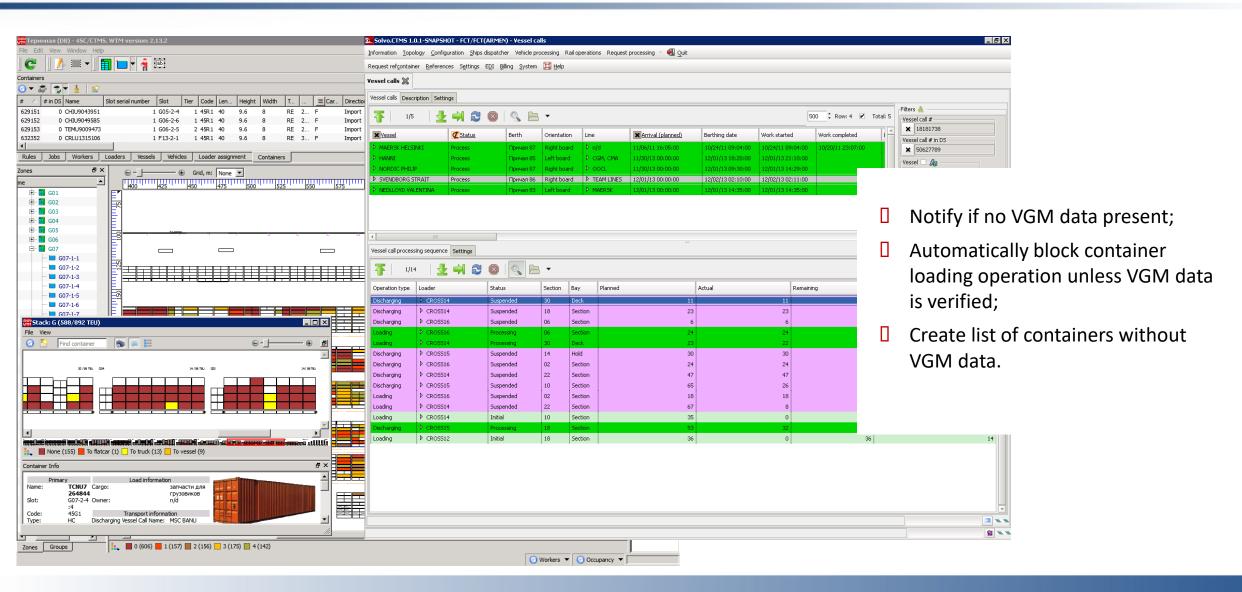


- Adding VGM data to cargo planning tool;
- Mark containers without VGM data;
- Warn users on absence of VGM when allocating containers in the loading plan.





Preparing Documents for Vessel Container Loading





Track record highlights

- 30+ ports and terminals use Solvo.TOS in different regions
- Largest market share in Eastern Europe (from Baltic to the Pacific)
- 5 new contracts in 2016

Top-of-the breed functionality featuring

- Support for containers, break bulk cargo types such as timber, metals, project cargo, Ro-Ro and bulk
- EDI module
- Berth planning;
- Automated or semi-automated stowage planning;
- Real-time load ID using barcoding, RFID and OCR
- Dynamic stacking and yard optimization;
- Real-time process monitoring using interactive graphic tools;
- Resource planning and work-order management;
- Integrated billing
- KPI dashboards
- Equipment automation and routing

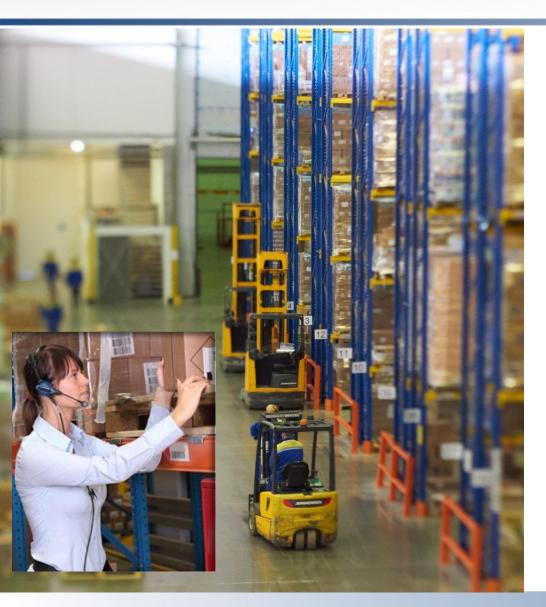
Solvo.TOS keys to success

TOS advantages

- Out-of-the box solution based on best practices
- Can still be customized within a fixed price contract
- Optimization features are included in the base package
- Web-interface
- Full support of multi cargo types
- Automation (can work with fully automated terminals)







A state-of-the-art warehouse management system designed for effective real-time management of processes at warehouses with any type of nomenclature and turnover volume in real time – DCs, finished goods warehouses, raw materials

Industry specific solutions:

- distribution and retail;
- pharmaceuticals;
- production (including FMCG);
- 3PL

Sovlo.WMS is more than just a WMS. Add-on modules include:

- Voice picking
- Billing
- Web
- Slotting optimization

- Truck load optimization
- Dock management
- WCS
- And more









Yard Management automates such processes as: preliminary notification about truck arrival and departure; truck operations planning; distribution of trucks by dock and processing areas; truck permit at the checkpoint; truck waiting area and yard operations management.

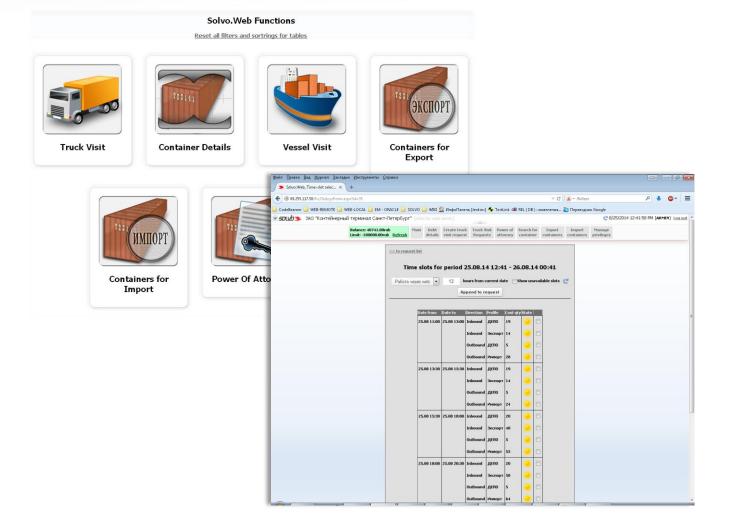








Solvo.VBS Vehicle Booking System



Solvo.VBS regulates traffic flows of containers and heavy trucks to and from the port area and facilitates

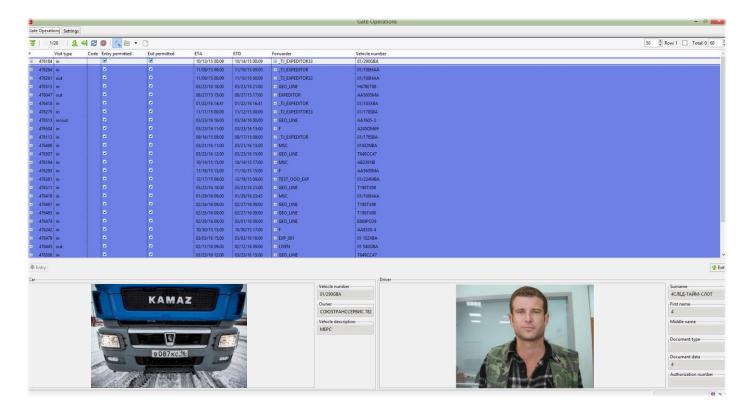
automation of the port and terminals gate processes using time-slotting technology and remote truck-visit requests.





Solvo.GOS Gate operating system

Solvo.GOS automates gate management processes: gate entry/exit, security check, truck-driver management in service center and more, allowing a significant reduction in truck turn-around time and reshuffles/rehandles in the yard, eliminates cargo theft.













Hardware distribution, set-up and maintenance services

- Certified specialists hardware engineers and systems administrators;
- Own service center for hardware repairs and maintenance;
- Guaranteed and after-sales support;
- Wireless network design services;
- Wireless network design;
- Configuration of access points / controllers









All-in-one solution. Systems integration



In 2013 we have officially launched a new line of business – systems integration and infrastructural projects.

A separate division has been created, dedicated to large projects where Solvo acts as a general contractor, manages technological partners and provides an all-in-one solution for a greenfield project.

- Infrastructural systems design: Wi-Fi, cable networks and engineering;
- Planning, design and implementation of infrastructural solutions as a general contarctor.





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

- ✓ 201 completed projects to date more than any other vendor in Russia;
- ✓ 20 successfully completed projects in 2015 unprecedented 30% growth;
- ✓ More than a 100 customers subscribed for the annual technical support plans;
- √ 150 employees and 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.





Reliable and stable solutions

- √ 200 000+ order lines a day;
- √ 300+ concurrent users;
- ✓ 200+ concurrent RDT network users.

Modern 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, OCR, RFID, Voice, DGPS and other technologies.

^{*} based on the stats gathered among our clients in 2014



Meet us at trade fares and exhibitions



























Solvo's annual client conferences

Solvo.TOS annual conference

Organized every year in S-Pb for all our TOS customers

Solvo.WMS annual conference

Organized every year in S-Pb for all our WMS customers





Thank you for your attention!

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