The background image is a composite of three scenes related to a port terminal. On the left, there are tall blue gantry cranes. In the center, a large container ship is docked at a pier, with a yellow gantry crane positioned over it. On the right, a person is seen from the side, using a handheld rugged device with a screen and keyboard. The text is overlaid on a semi-transparent white band across the middle of the image.

Choosing the Right IT System: One-Stop-Shop or Multiple Vendors for All Your Cargo-Handling Needs?

Dan Pershin,
Head of Marketing, SOLVO

- **Universalization instead of specialization**
- Reduced cargo batch sizes
- Increased range & quality of services
- Integration of port & warehouse logistics

One facility handles it all: containers, general cargo, palletized cargo, cartons, pieces...



Containers



CFS

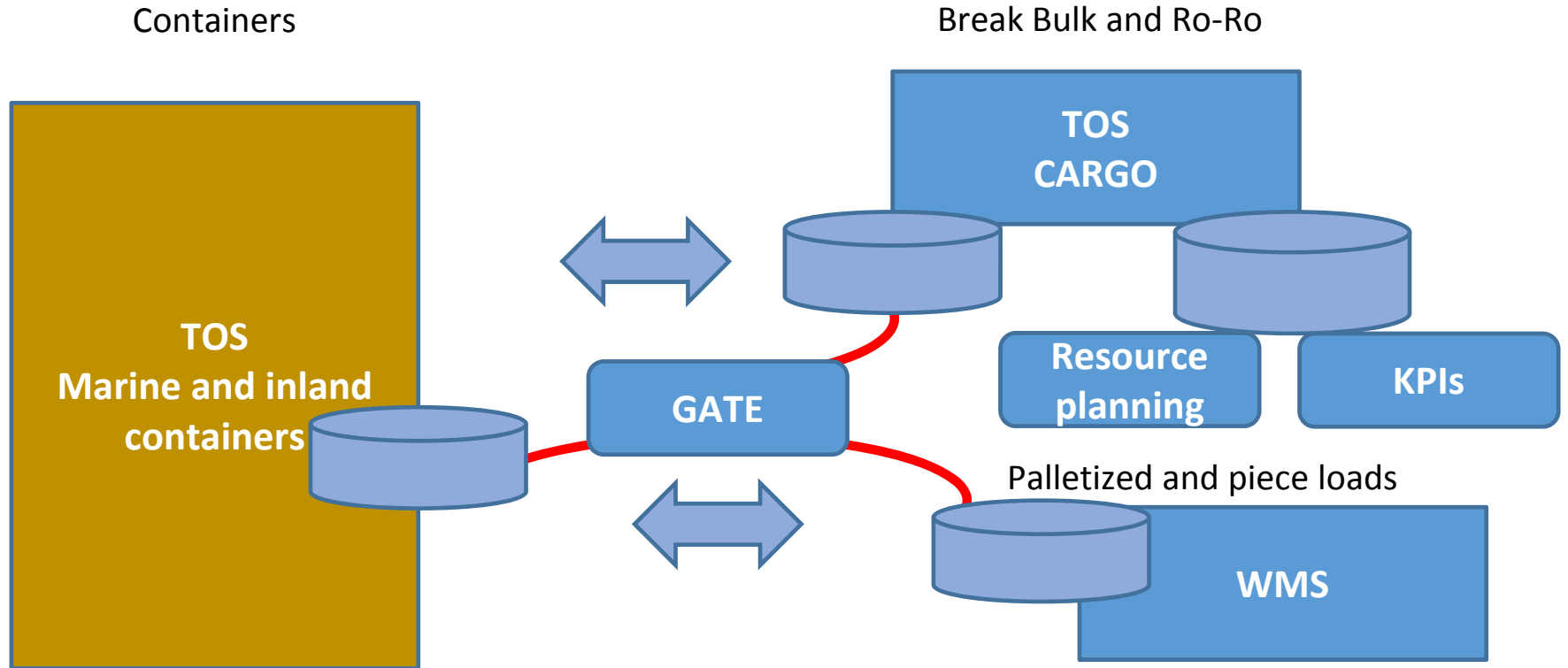


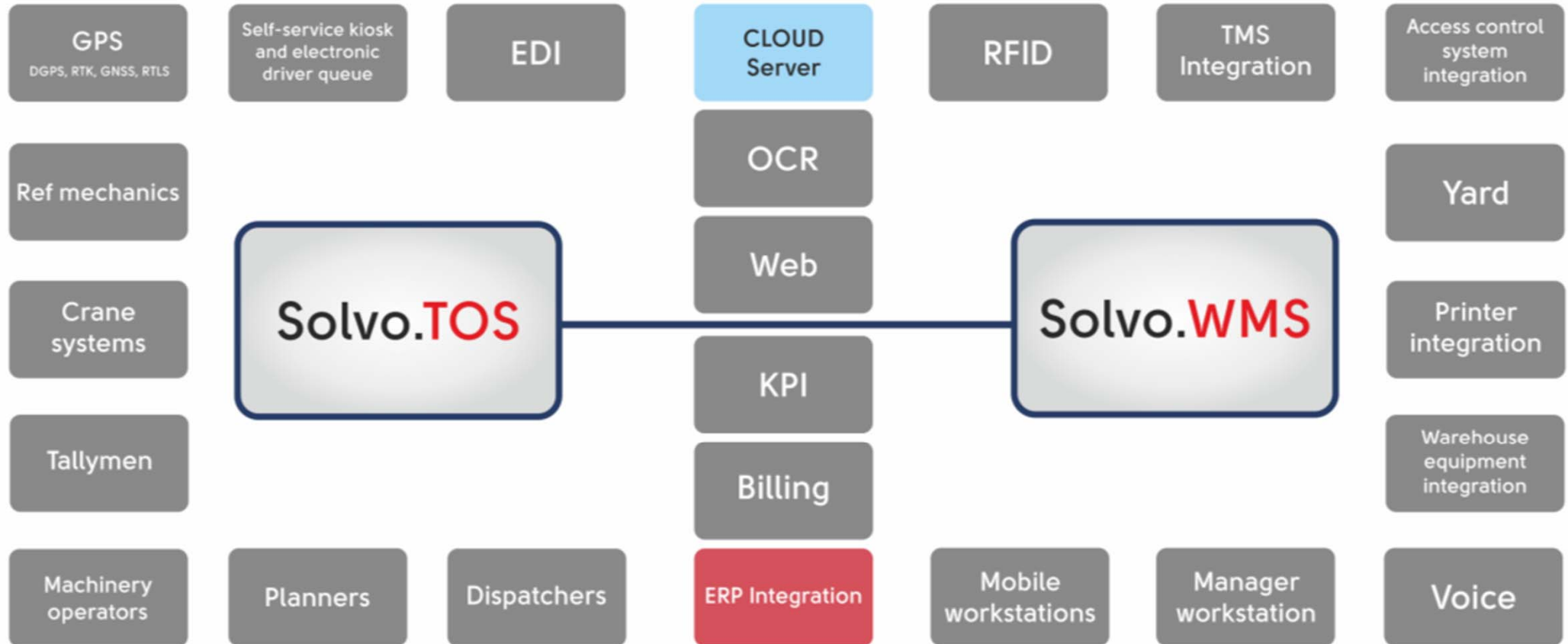
Warehouse logistics

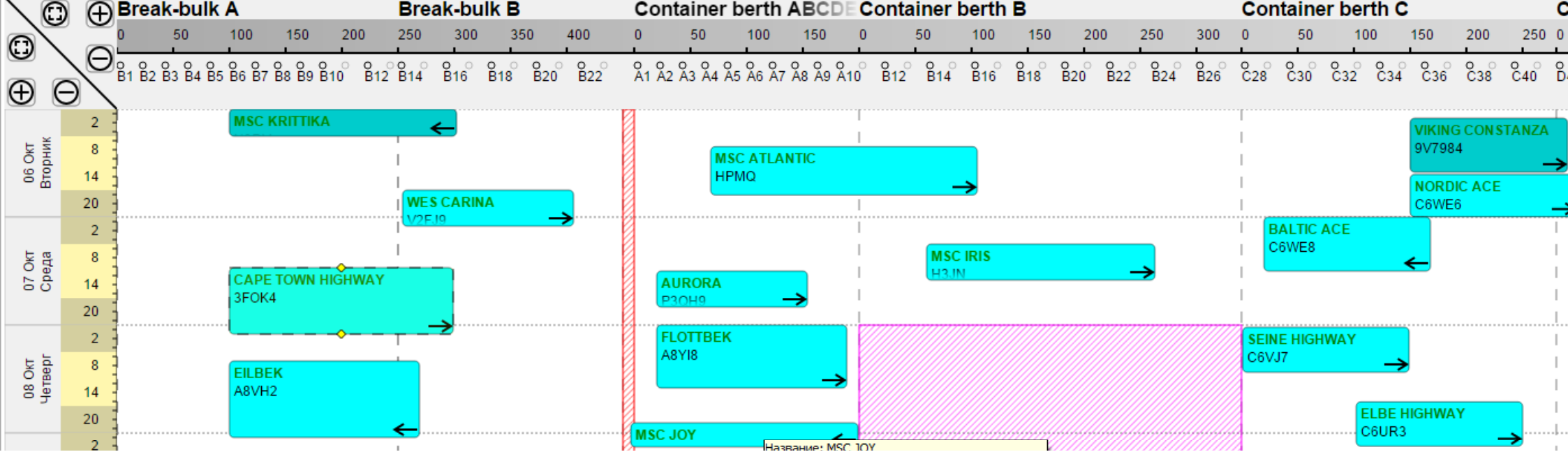


General cargo including
Ro-Ro









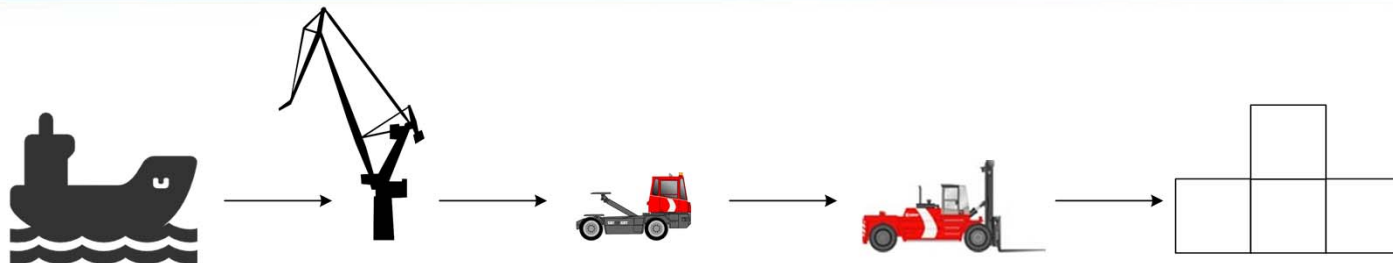
Berth planning

Based on the monthly plan data, the planner will set up the berth work time, distributing vessels by berth depending on the expected times of arrival, vessel type, cargo and berth parameters.

The screenshot displays the SOLVO Ship Plan [ATLANTIC ACTION] software interface. It features several overlapping windows:

- Ship Plan [ATLANTIC ACTION]:** The main window showing a grid-based layout of ship bays. Visible bays include Bay 09, Bay 05, Bay 01, Bay (10)11, and Bay (06)07. Each bay is represented by a grid with numerical labels (e.g., 08, 06, 04, 02, 00, 01, 03, 05, 07) and dimensions (e.g., 37, 31, 18).
- Ship Geometry Editor:** A window showing a 3D perspective view of a ship's hull and deck structure. It includes a control panel on the right with settings for Plan type (Normal/Virtual), Attributes (Tiers quantity: 7, Bays quantity: 14, Bay's columns q-ty: 9, Deck begin number: 82, Hold begin number: 2), and Place attributes (Bays quantity at ship bow: 10, Hold tiers quantity: 3).
- Deck Plan:** A detailed view of the ship's deck layout, showing various equipment, structures, and deck areas. It includes a scale bar and various annotations.
- Table:** A data table at the bottom right, likely representing cargo or equipment data. It includes columns for bay identifiers and numerical values.

Bay	03	05	07	LIBERIA	207	32
	86			N/D	169	27
	84			N/D	237	32
	82			N/D	134	22
	04			N/D	169	27
	02			N/D	241	22
	03	05	07			

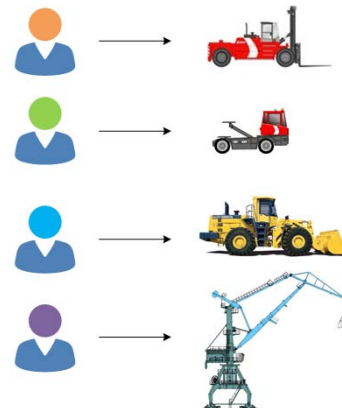
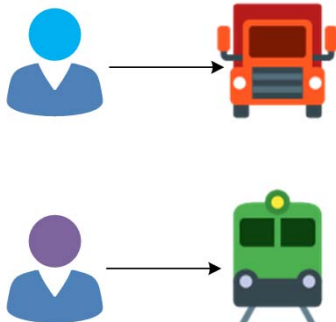
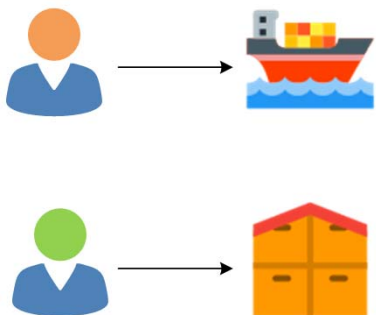


Day-shift planning

Shifts

Work-orders

Resource allocation and control




3/16/2015 2:30:09 PM [46] شرح


КОНТЕЙНЕРНЫЙ ТЕРМИНАЛ САНКТ-ПЕТЕРБУРГ
 1000 USD
 500 USD
 الرئيسية
 تفصيل البضائع
 التفصيلات
 معدات طلب زيارة الشاحنة
 طلبات زيارة الشاحنة
 تفويض/توكيل
 بحث حاوية
 حاويات لتصدير
 حاويات للإيراد
 زيارة المركب
 معلومات حول الحجوزات
 الرخص الجمركية
 إدارة الامتيازات
 طلبات الفحص
 طلبات الوزن
 حاويات
 طلبات الأمانة السببية
 عقد الحاويات المطبقة/المفرجة
 حجوزات البوابة
 إدارة KPI
 الترخيص التشغيلية

Solvo.Web وظائف


جست جميع الشركات وفرز النتائج




طلبات زيارة الشاحنة




تفاصيل الحاويات




زيارة المركب




توكيل /تفويض







طلبات الوزن




طلبات الفحص




طلبات MDC



حاويات



الحاويات الواردة/الخارجة



حجوزات البوابة



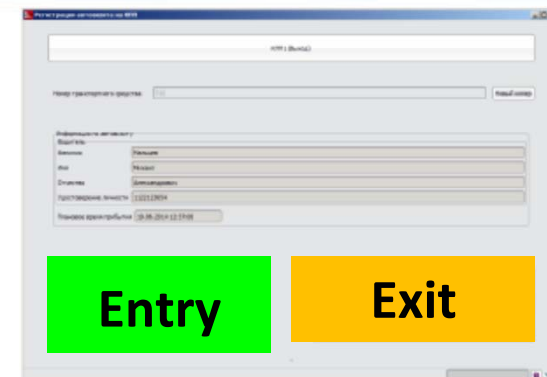
MainWindow

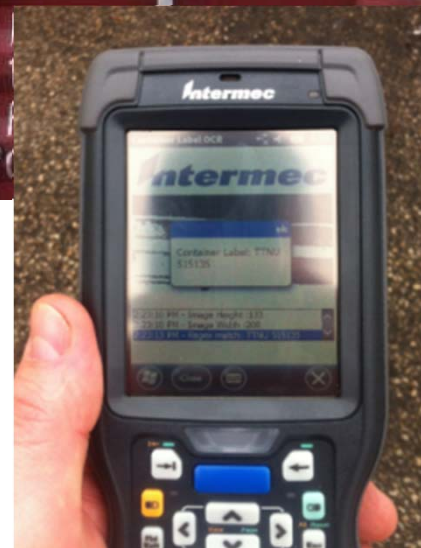
CONTAINER
TERMINAL
SAINT-PETERSBURG

11:52

SOLVO
Gate optimizer

Processing			Standby					
Time slot	Status		plate number	duration	plate number	duration	plate number	duration
11:00 - 13:00	Processing		B782OK178	4 min.	B638BO178	28 min.		
13:30 - 15:30	Standby		K499HT190	4 min.	A844CO35	32 min.		
plate number	window	Status	B969MM178	8 min.	Y027CP78	32 min.		
B088PK98	2	Processing	H790PP178	8 min.	B457TP98	36 min.		
B351PT178	3	Invitation	M597MC178	12 min.	B072EO178	36 min.		
			T706XY47	12 min.	O932PT178	40 min.		
			K049TB178	16 min.	B806KA98	40 min.		
			Y687KE78	16 min.	P910KX47	44 min.		
			B070OE178	20 min.				
			H356TC178	20 min.				
			B935BP178	24 min.				
			B156CB178	24 min.				










Cargo Explorer - demo license

المكان المقصود:

تاريخ:

وصف:

المكان المقصود	تاريخ	وصف	ملاحظات
K863EK35 09-24-T	09-24-35 (3)	FESU 655613 0 45G1 40' HC F	
B067CT36 09-24-T	09-24-36 (4)	CXTU 906214 8 22G1 20' HC F	
A574CE36 09-24-T	09-24-36 (2)	CXTU 362191 2 22G1 20' HC F	
H738EM36 09-24-T	09-24-36 (1)	PONU 014906 9 45G1 40' HC F	
		154908 0 HC F	
		160878 1 HC F	

ف1: تغيير العرض
ف2: لغة
ف7: خلق البضائع
ف9: إنهاء

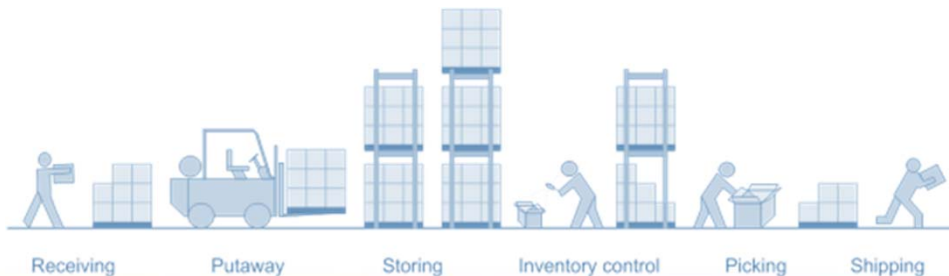
Select Task

1.	Unloading	HANNI	BAY 06	0 / 5
2.	Unloading	HANNI	BAY 02	0 / 5

Log out



- Real-time load registration and monitoring
- Various modes of automated and semi-automated receiving
- WMS-guided putaway
- Warehouse layout visualization tools
- Inventory control (e.g. inventory counting without interrupting warehouse operations)
- Advance order picking technologies, including waves, automated replenishment, pick-by-voice, pick-to-light and more
- Traceability



“**Smart shelves**” or racks equipped with RFID antennas.

- Racks are made from a special dielectric material to shield from radio signals.
- **Smart shelf technology makes it possible to automatically record staging and load grabbing events in the WMS, while freeing up the hands of the operator.**

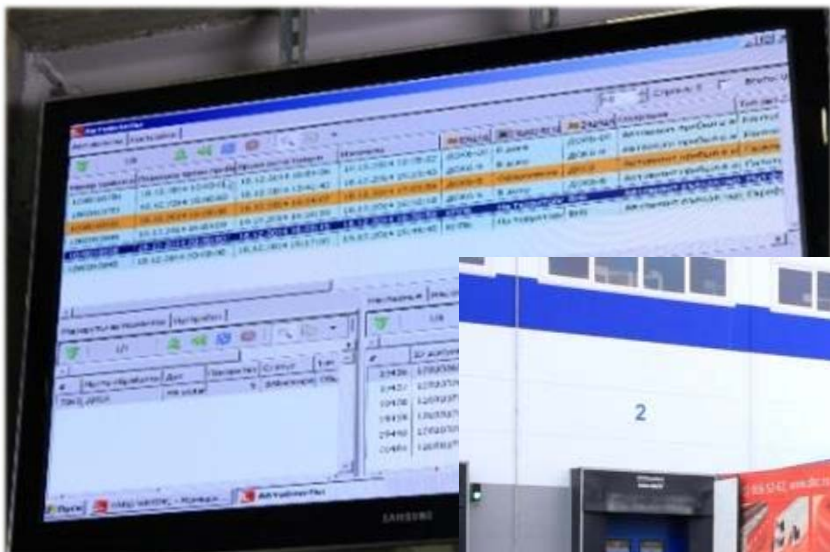




SOLVO.WMS

Picking technologies



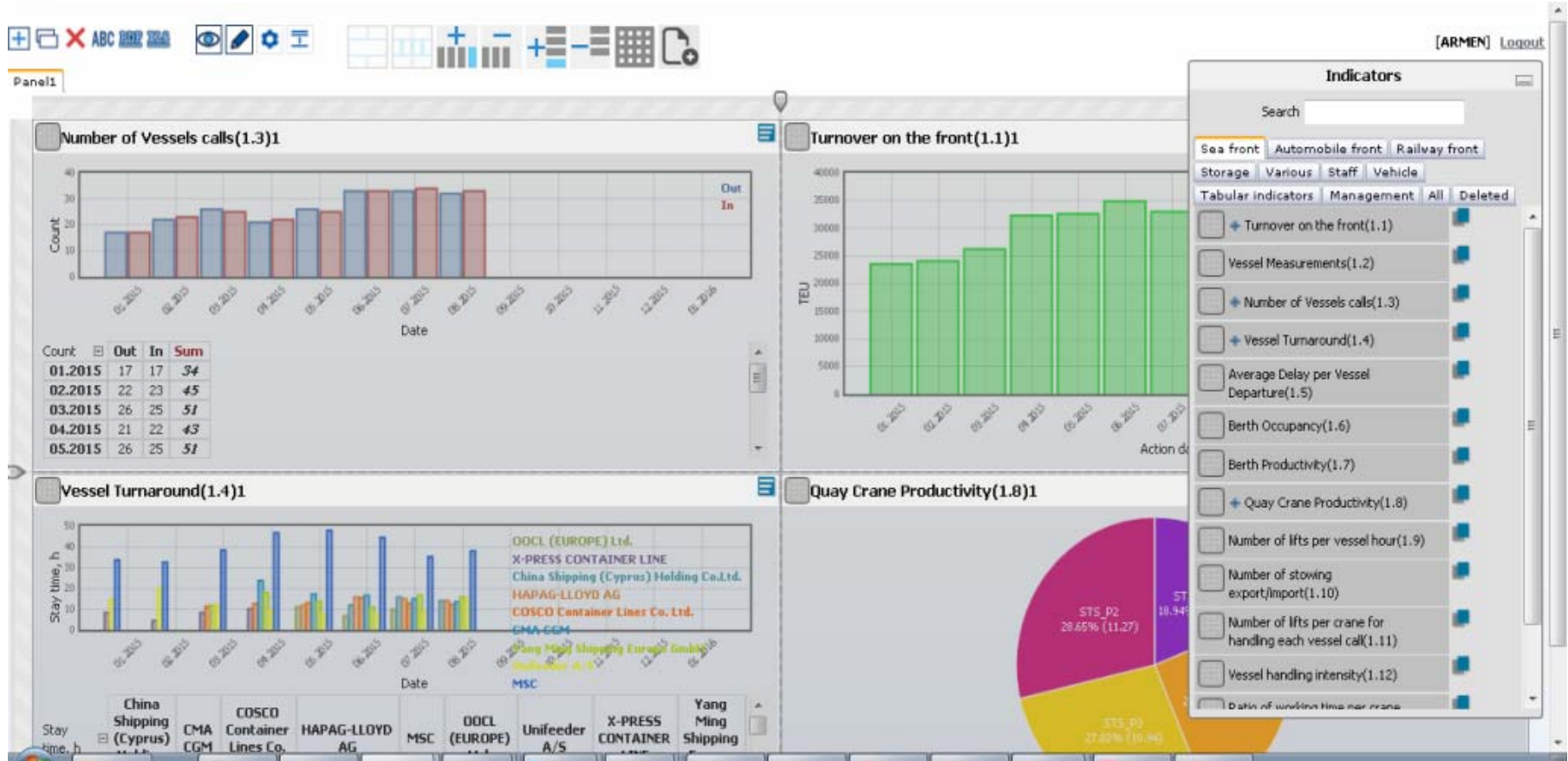


SMS-notifications for truck-drivers



Parking radar integration







5,000,000 TEU

Potential container turnover at full capacity

1,900,000 TEU

Capacity at container terminal's first development stage

260,000 CEU

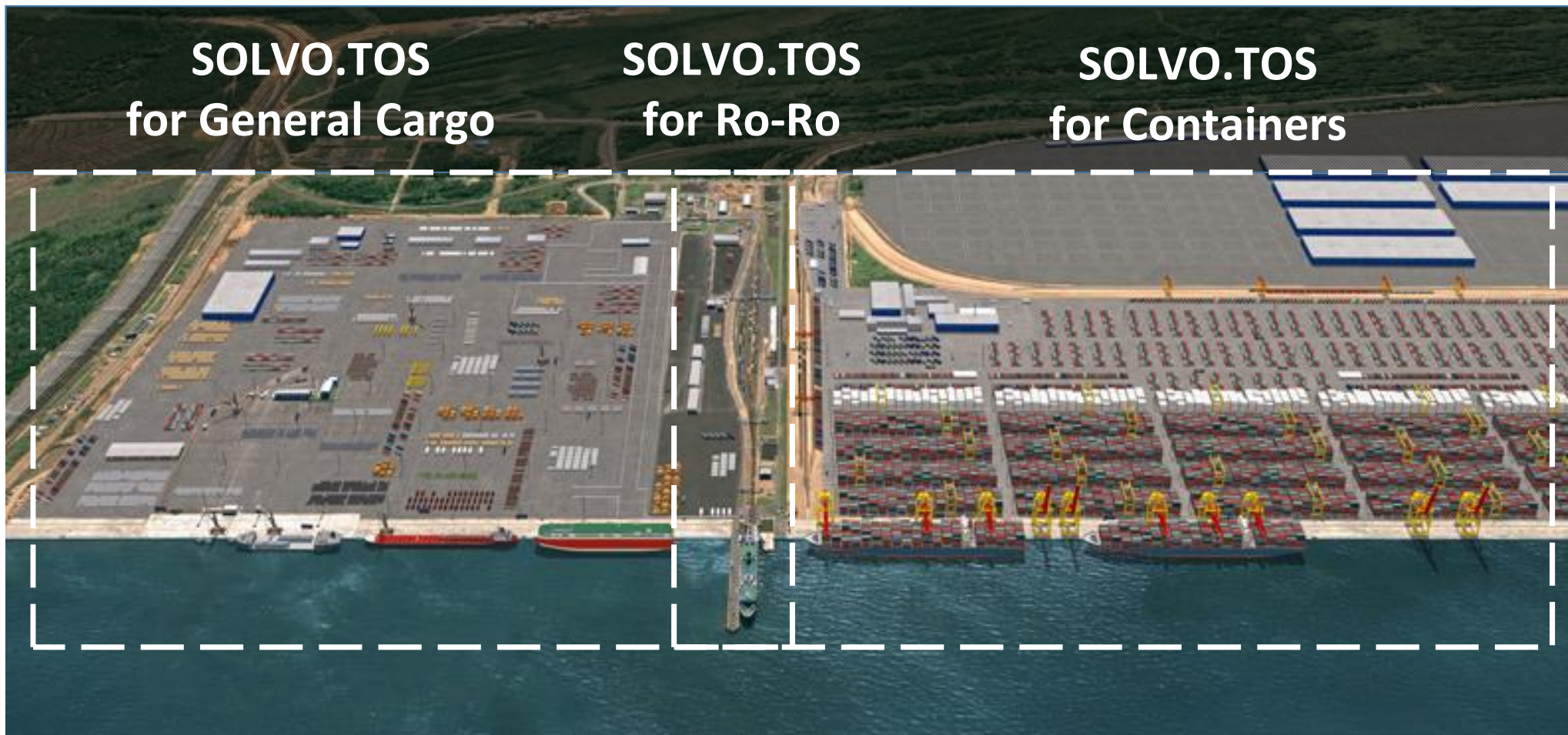
Capacity at Ro-Ro terminal's first development stage

Container terminal,
Ro-Ro and project cargo terminal,
Logistics park

SOLVO.TOS
for General Cargo

SOLVO.TOS
for Ro-Ro

SOLVO.TOS
for Containers





Technology Pioneers

Developed first WMS and TOS in the Pos-Soviet space in the 1990s



International certification



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



Solutions for container, break-bulk, Ro-Ro and multi-purpose



+



20 years
200+ projects
140+ employees





The smarter alternative
www.solvosys.com
Our stand: 70