



news

Logistics

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...in brief...

>> **State-of-the-art Container Terminal Management System by Mantis**

>> **Technology News**

(Container Terminal Vision - CV)

>> **New projects**

(Astakos and Eurosib (CV), Logistics Service Providers (LSPs), Industrial - Wholesales - Distribution, Retail)

>> **Go-Live Highlights**

(RLS, Aquila)

>> **Mantis' Partner Network News**

(Poland, Czech Republic)

>> **Upcoming Events**

(Exhibitions, Forum)

...about Mantis...

>> **Improve Competitiveness through Supply Chain Optimization**

Mantis, founded in 1996 in Athens, Greece (www.mantis-international.com), is a leading supplier of extended Supply Chain Execution (SCE) software and solutions in Eastern Europe and Russia/CIS.

>> State-of-the-art Container Terminal Management System by Mantis

Mantis recently announced a specialized solution to cover the needs of container terminals (for vessels, trucks and trains).



Integrated into its proven and widely used platform of LVS, the **Container Terminal Vision (CV)** is a sophisticated information system that manages and optimizes the processes and resources of a container terminal such as the container yard, container handling equipment, trucks and human resources.

In addition to that, LVS is also offering a fully integrated Gate Management System (GMS) that complements and enhances the functionality of CV, providing a total solution that cater to the needs of a modern container terminal.

Mantis' CV and GMS allow companies running container terminals to improve their competitiveness by reducing their operational costs while simultaneously increasing their customer service level.

The advantage of Mantis' solution is that a single platform (LVS) supports all operations of a port &/or train hub including among else **Container Terminal, CFS, General Cargo & Bulk Hub, Car & Ro/Ro Terminal, Industrial & Free Zone Area and 3rd Party Logistics**, thus turning a port into a sophisticated multipurpose port and logistics center.



>> Container Terminal Vision

Mantis' new Container Terminal Vision (CV) manages and optimizes the space of the container yard as well as the container inbound and outbound processes. During inbound (from vessel, train or truck), CV selects the location to store the container based on a number of user defined criteria. It then guides (through RF) the proper personnel / equipment to move and store it at the right location. In outbound, CV identifies the right container and guides (through RF) the proper personnel and equipment to pick and move it.

Wireless Radio Frequency (RF) terminals and networks of special design are used to enable CV to collect data and guide container handling equipment, trucks and personnel in real time.

Gate Management System

Gate Manager (GMS) System manages and automates the gate procedures of container terminals. GMS includes enhanced security gradings as harbours and free trade zones. It comprehensively covers all control, follow-up and recording procedures for anything it enters or it comes out from such areas, as means of cargo transport (trucks, vessels and trains), supply vehicles, private vehicles, personnel, visitors, maintenance workshops etc., encompassing all safety, human resources, technical (Cameras, Smart card systems, Traffic Lights, sensors, etc.) in one system.

The main goal of GMS is to record all passages in and out from the free zone that will be done by road transport (vehicles), rail transport (trains) and by floating crafts (vessels/barges). Every object moving inward or outward of the free zone is recorded separately in the system with the maximum detail of information required. Additionally, information for billing purposes is also recorded concerning movements of any object and services provided to the companies established in the free zone's industrial area, as well as to vehicles, trains, and vessels, cargo transport movements and finally information for security issues.

Container Freight Station

Container Freight Station (CFS) module is supported by LVS' sophisticated logistics functions that not only enable the automation of typical CFS operations but also extend CFS to provide full 3rd party logistics services.



Container Terminal Billing

A modern container terminal is offering a rich portfolio of services that requires a sophisticated billing system. Container Terminal Billing (CTB) module generates the detailed billing reports and relevant invoices concerning all activities of a container terminal.

Visual Container Terminal Manager

This module is a state-of-the-art tool that allows the visual monitoring in real time of the location, status and movements of containers through the yard.

Workforce Supervisor

It is a visual user-friendly tool that enables container terminal managers to monitor the actions of their personnel (RF users) and interact with them in real time. Besides monitoring, expert managers can use this tool to remotely help/train their personnel in real time.

Web Track & Trace

It enables properly authorized container operators (eg. MSC), to remotely (via a web browser) access the terminal and monitor in real time the status of their containers.

>> New Projects

Astakos and **Eurosib**, the largest private port in Greece, one of Russia's leading logistics and transportation companies, are among the first to manage and optimize their container terminals and other logistics operations by deploying the latest solutions from **Mantis** and its partners.

Akarport (www.akarport.com) is the company which manages, and operates the port of **Astakos - Navipe** located on the west coast of Greece. The port's strategic location next to international maritime routes makes it a gateway for traffic between the countries of the European Union and the East while at the same time rendering it a link between the Adriatic, the Balkans and the areas around the Black Sea.

LVS along with its new integrated CTMS (Container Terminal Vision) will support all of Akarport's activities including among else Container Terminal & CFS, General Cargo & Bulk Hub, Car & Ro/Ro Terminal, Industrial & Free Zone Area, 3rd Party Logistics, etc.

The advantage of Mantis' solution is that a single platform (LVS) supports all operations of the port turning it to a sophisticated multipurpose port and logistics center.

Eurosib (www.eurosib.biz), is one of the leading logistics and transportation businesses in Russia operating also in Ukraine, Belarus, Estonia, Hungary, Kazakhstan, Uzbekistan, Finland, Germany and China. **Ant Technologies** (Mantis' partner in Russia/CIS) has deployed LVS at Eurosib's distribution centers and implemented solution to manage and automate its container terminals.



Industrial - Wholesales - Distribution

Alfa Wood (Greece)

One of the largest wood processing industries in Greece with 3 manufacturing facilities in Greece and over 40,000m² of warehousing space (www.alfawood.gr).

A. M. Target Logistics Ltd (Cyprus)

A significant distributor in food, drinks and FMCG supported by a new distribution center.

Dodoni (Greece)

A leading ice cream producer and distributor (www.dodoni.com).

Ioniki Sfoliata (Greece)

Frozen bakery manufacturer (www.ionikigr.com).

Kaniklides (Cyprus)

The largest distributor of office supplies in Cyprus that has also started offering 3rd party logistics services through a new specialized subsidiary. LVS will be used to optimize the operations of a state-of-the-art new distribution center. The project also includes the use of Voice Logistics for the first time in Cyprus (www.kaniklides.com).

Sarantis Polska (Poland)

The Polish subsidiary of the Sarantis Group (<http://ir.sarantis.gr>), a leading supplier of mass market cosmetics, household and personal hygiene FMCG products in Central Eastern Europe, selected to run Mantis' LVS at its distribution center in Pruszkow, Poland (www.sarantis.pl).

Sylor (Greece)

Kitchen and bedroom furniture manufacturer (www.sylor.gr).

Verykokos (Greece)

Producing and trading of marble, tiles and bathroom items (www.verykokos.gr).

Logistics Service Providers (LSPs)

Komora (Ukraine)

The fastest growing Logistics Services Provider in Ukraine with a distribution center of about 25,000m² servicing depositors like PROCTER & GAMBLE, GILLETTE, KRAFT FOODS and GSK HEALTHCARE (www.komora-s.kiev.ua).

TBN Logistic (Russia)

One of the fastest growing logistics and transportation services providers in Russia with presence also in Germany, Finland and Latvia (www.tbnl.ru).

Sertrans (Turkey)

A fast growing warehousing and transportation services provider with a 30,000m² DC (www.sertrans.com.tr).

VLC (Russia)

A major provider of logistics services in Russia, operating its new 36,000 pallet distribution center at Voronezh under the trademark "Direct Logistics" (www.directlogistics.ru).

Retail

Bella Casa (Cyprus)

A major bedroom furniture and items retailer in Cyprus (www.bellacasa.com.cy).

OK Anytime Markets (Greece)

A rapidly growing mini market chain with 55 shops today, growing by 2 new shops monthly. The projects includes Voice Logistics implementation for the optimization of the productivity in the warehouse (www.okmarkets.gr).

Orphanides Public Co (Cyprus)

One of the largest hyper market chains with over 15 retail shops, signed with Mantis to run LVS at their new 10,000m² DC (www.orphanides.com.cy).

Sela (Russia)

A multi-national manufacturer and retailer of clothing and accessories with presence in Russia and 13 other countries (www.sela.ru).

>> Go-Live Highlights



RLS (www.rls.ru) owns a network of regional logistics companies in 20 cities in the Russian Federation and Kazakhstan. Services include freight forwarding by truck, rail, air, and sea, consolidated cargo services, as well as storage and handling of cargo at eleven company - operated DCs.

The warehouse network operated by RLS successfully handle a wide range of goods, from consumer electronics to perfumery to foodstuff, manufactured and supplied by a variety of companies, including AUCHAN, GALLINA BLANCA, LEBEDYANSKY, JOHNSON & JOHNSON, KRAFT FOODS, YAMAHA etc.

Mantis' Logistics Vision Suite (LVS) was selected as the platform for RLS' information system. **Ant Technologies**, has deployed LVS at all of RLS' new warehouses in Khabarovsk (10,000m²), Samara (10,000m²), Podolsk (35,000m²), St. Petersburg (15,500m²) and Yekaterinburg (20,000m²).

Commenting on the first results of the project to deploy LVS at his company's premises, Michael Smirnov, IT Director at RLS, said, "Logistic Vision Suite allows us to choose who we want to serve rather than looking for a customer who we wouldn't be able to serve."



>> Mantis strengthens its presence in Poland and Czech Republic

Mantis has organized a series of successful workshops and seminars in Poland and Czech Republic in the cadre of strengthening its presence in Central Europe. The workshops were focused on "New Trends in Supply Chain Markets" and were very successful.

"The commitment on the Central European markets is evident from the continuous investment of Mantis. Our very successful workshops are the first step in our effort to become a key player in those markets and will be followed by our participation together with our partners AGC & Logsoft in **Taropak - Poznan / Poland** (Sept.15-18) and other major logistics events in the region" says George Thiopoulos, Business Development Manager of Mantis in Poland.



Aquila (www.aquila.ro), is one of the leading FMCG distributors in the Romanian market and a strategic partner of UNILEVER.

They distribute many FMCG products through their two distribution centers with space of over 30,000m². LVS was successfully deployed in both DCs in early 2008 and is currently handling all operations including Value Added Services.



>> Upcoming Events

Events



International Packaging Technology and Logistics Exhibition
Poznan, Poland
September 15 - 18, 2008

PLM - 2nd International Conference & Exhibition for Purchasing & Logistics

Exhibition
Tel-Aviv, Israel
September 23 - 24, 2008

Retail Logistics IT Solutions

Forum
Belgrade, Serbia
September 25, 2008

International Technical Fair

Exhibition
Plovdiv, Bulgaria
September 29 - October 04, 2008