



## □ Great success for Metrocarga - MIT attendance at InnoTrans

MIT project and the Metrocarga system were presented in Berlin at **InnoTrans 2012 (18<sup>th</sup>-21<sup>st</sup> September)**, one of the world's leading exhibitions in the transport and logistics industry.

A lot of attention was brought both to the public and to the international media attending the exhibition, and the system was **selected among the 21 «World Premiere»** on which daily guided tours with interested groups of people from different foreign Countries have focused.



*The new 3D video displayed with special 3D glasses*



*The presentation during the «World Premiere» tour*

## □ New Metrocarga 3D video exhibited in Berlin

During InnoTrans also a new Metrocarga promotional video was presented to the public: **more than 4 minutes of 3D film showing how the bilateral technology operates in a completely automated way, with low environmental impact and high security.**

The video, which could be watched with special 3D glasses, was largely appreciated by the public attending the exhibition.



## □ Meetings and main events

Last **13th November** MIT Partners had at **I.LOG headquarter in Genoa** a consortium meeting, whose basic purpose was reporting on the initiatives of the last months, discussing on the next activities and planning the new steps.



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# International Press wrote about MIT

## IL SECOLO XIX

TREMI MERC  
Metrocarga  
la tecnologia  
genovese  
sbarca a Berlino  
METROCARGA



### INNOTRANS | PRE

This solution allows the loading and unloading process of a whole train in a single automated operation without the need for any shunting activities. Photo: Metrocarga

## New automated cargo system established in Italian port

Metrocarga tries to simplify the intermodal transport

After being installed in the harbour of Vado Ligure/Savona, Metrocarga continues successfully its development plan, conceived to simplify the intermodal transport and reduce its costs.

ILOG Iniziative Logistiche s.r.l. 1 year's InnoTrans, one of the world's Metrocarga is an innovative concept of the Rail Tracks under the container train (to another train or to a truck) in one single automated operation without the need for any shunting activities. This concept guarantees low environmental impact, high security and efficiency. The Metrocarga system development commenced during 2004, being conceived by ILOG (with the recent contribution of European project MIT - Metrocarga Intermodal Train



## IN BRIEF

Italian firm ILOG Iniziative Logistiche will present its Metrocarga automated trans-shipment technology in Berlin. Metrocarga is an automated horizontal unloading platform which can be fitted beneath catenary equipment to speed the loading and unloading of intermodal trains; a trial installation is in use at the port of Vado Ligure.

## More horizontal transfer systems



DB Schenker Rail recently demonstrated two rail/road horizontal transfer systems to customers in Wolfburg, Germany.

The first system shown was CargoMover 3000, from Innovis AG in Switzerland, suited at containers in the 20ft-30ft range and C class swap bodies up to 7.80m long. All the transfer equipment and power is located on the truck.

The second was the Mega-Swing Dura from Kockum Industriär AB in Sweden. This is a

The key advantage of these systems is that they enable modal shift



LOGISTICA



## L'intermodale secondo Metrocarga in orizzontale

26 settembre 2012

Si fa un grande parlare di rilancio della modalità risulta difficile passare da un livello di principio sull'efficienza e l'economicità. Esattamente quel con Metrocarga, che in meno di 40 minuti con carico merci da un treno a un altro treno o spostandolo orizzontalmente. Non è fantascienza stato testato nel porto di Vado Ligure, vicino Metrocarga ed è un concept innovativo basato: parallelo dei container e delle casse mobili.

L'apparato può essere costruito lungo i binari fe di contatto, permettendo così di caricare e scaric o da treno a veicolo pesante in un'unica operaz automatizzata, in piena sicurezza e rispetto dell'ambiente. La tecnica di trasbordo si avvale di navette specializzate e di torrette mobili per il sollevamento.



## Metrocarga 新一代联运方式!

Metrocarga 是一个专门联运概念。这个体系是由 Ilog 有限公司研发的。Ilog 一家从事物流且非常具有革新性的公司。Metrocarga 运用一种基于铁路系统下经济快速的方式方法进行运输。为铁路和公路的联运问题找到答案。Metrocarga 创造了一个物流系统，能够连接所有的基础设施。在联运终端配套设施，传统的终端也非常容易与之相结合。

自动装卸系统可以100%地对集装箱安全地进行装卸。

METROCARGA AUTOMAZIONI s.r.l. 公司主要致力于专业装卸设备的设计和制造。实现系统自动化过程控制的最佳化。METROCARGA AUTOMAZIONI 从事 Metrocarga 设备的实施、研发和市场营销等活动。Metrocarga 系统使得铁路装卸货安全而有效。

Metrocarga 设备可以沿铁路轨道不停车地运行。这样在一次操作下，就可以对整列火车完成装卸过程。卡车将单位货物运到 Metrocarga 终端。Metrocarga 全自动系统根据下一目的地要求，将货物放在最好的位置。当火车停驶的时候，Metrocarga 终端将单位货物通过水平移动，放置于货运火车车厢内。火车到卸站的时候，货物就自动卸下，堆放在平台上。等候被装到下一列火车或运往岸上。完成最后一位货物的装卸。



Metrocarga 系统是在不停车的状态下运行的。使用运输量到快速而经济。此外，Metrocarga 系统不需要装卸。这样，装卸站的空间就减少了。同时，也节省了中间装卸的时间。不同规格的应用不同规格的设备。

# MIT project to be presented at Transport Logistic 2013

MIT project will be presented in **Munich at Transport Logistic 2013 (4th-7th June).**

The event will be the occasion to disseminate to Logistic Companies, Institutions, Associations and international medias the **most relevant steps and upgrades of the MIT project.**

Visit us!  
Hall B3, Booth 431

June 4-7, 2013  
Messe München