

## PRESS RELEASE

### **No more GPS blind spots for high value shipment-tracking**

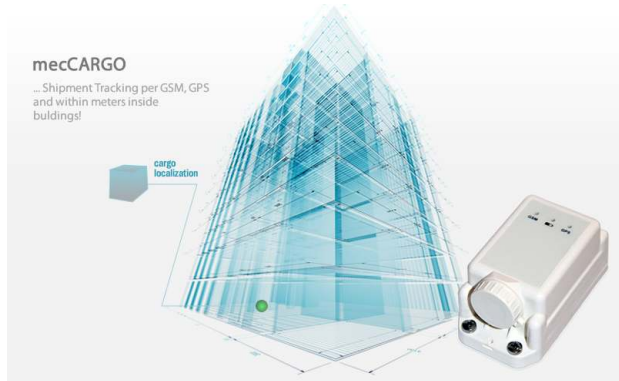
**nanotron Technologies' RTLS chirp technology used by MECOMO to track logistic items outside of GPS signal areas.**

**Berlin, June 12, 2012.** The innovative Chirp Spread Spectrum (CSS) technology developed by leading German RTLS provider, nanotron Technologies, is now being used by system software developer and leading provider of telematics and asset tracking solutions, MECOMO AG. The new MECOMO product, mecCARGO 200, globally tracks logistic items and is the first shipment-tracking module of its kind to combine GPS and Cell-ID tracking with complete indoor monitoring capabilities. By integrating nanotron's CSS technology, shipment-tracking within company grounds is no longer restricted by GPS or GSM signal availability. Now, high value shipping assets can be continuously tracked anywhere. With indoor GPS blind spots removed, dispatchers are ensured that high value logistic items of any size are accounted for at all times. Uninterrupted monitoring also provides logistics carriers with complete logistic data to enhance operational control and performance.

mecCARGO 200 was developed with the technical assistance from nanotron Technologies to add indoor tracking capabilities to global GPS based tracking. The highly integrated new tracking device is enclosed in a small waterproof IP69K housing. The MECOMO-developed module combines a global GPS based tracking device with cellular backhaul – using a small cellular modem to transmit data via cellular networks – and a nanotron-developed RTLS tag containing CSS technology to wirelessly track items whilst indoors. Indoor tracking requires an additional infrastructure comparable to WLAN hotspots provided by nanotron/MECOMO. The MECOMO tracking platform provides uninterrupted global tracking at any time and anywhere. mecCARGO 200 has a chirp based battery life of up to two years and is ideal for tracking small logistic items such as packages, pallets, ULDs, etc.

MECOMO Chief Executive Officer, Stefan Heimerl, comments, "We are delighted to work with nanotron Technologies and to integrate their Chirp Spread Spectrum technology to our mecCARGO product line. Now, our product can offer uninterrupted tracking and thus ensure that there are no more blind spots when logistic items enter indoor warehousing. Not only does this benefit the dispatcher's desire to continually track high value items, but logistic carriers now have access to complete data allowing them to optimise their logistic processes." nanotron Chief Executive Officer, Dr. Jens Albers, adds, "We are excited to see our chirp technology being utilised to strengthen and secure logistic processes. By integrating our technology, mecCARGO now offers complete visibility for the entire logistics chain."

nanotron and MECOMO successfully showcased their product at the IDTechEx in Berlin, May 2012.



Caption: mecCARGO is the first shipment-tracking module of its kind to combine GPS and Cell-ID tracking with complete indoor monitoring capabilities.

**About nanotron:**

nanotron Technologies is a leading provider of wireless products that help to *protect* and *find* people, animals and valuable assets. They create highly accurate location information and energy-efficiently transmit data with a single, low-cost chip. nanotron's technology is patent-protected and follows ISO and IEEE standards for global asset tracking. nanotron's solutions are used in a wide range of applications and industry verticals including child safety in public places, livestock monitoring & management, mine safety, virtual fencing and transit yard management. nanotron's products are available on two distinct platforms: *protect* and *find*. The *protect* platform monitors proximity. The *find* platform locates people, animals and valuable assets. Both platforms create reliable and efficient visibility. nanotron supports its customers and channel partners to adapt the *protect* and *find* products to the needs of their vertical markets.

**About MECOMO:**

The company group MECOMO AG is one of the leading solution providers for asset and shipment tracking solutions in Europe. Its division MECOMO Telematics is specialized on customized high end tracking solutions. The company has significant experience in HW/SW integration and supports a broad portfolio of tracking devices for people, vehicle and object tracking. MECOMO Telematics primarily serves leading logistics companies in the transport fields of land, rail and ship traffic.

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