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PRESS RELEASE

High-Speed 4G System for Business at Sea, NeptuLink_{by} MVG showcased at METSTRADE 2015

Six months on from its commercial launch, in the run up to METSTRADE, Amsterdam, we spoke to three customers among the first using NeptuLink_{by} MVG to find out how it's working in their business and what difference it's made.

For many years companies have been looking for a cost effective solution to provide a reliable internet connection while at sea. Until now, the only solutions available were satellite based and for many organisations these were out of reach financially. With NeptuLink_{by} MVG, those at sea and those remaining on shore can communicate instantly via a high-speed internet connection (100 Mb/s) which operates up to 20 nautical mile radius.



Streamlining ship-to-shore communication channels

A port service, **Les Pilotes de la Loire** (a group of seafarers who guide ships into the ports around the Loire and the port of Nantes-Saint-Nazaire), ensures navigation safety, maneuvering, and communication with port authorities, maritime traffic services, tugs, and other ships. They had been in search of a reliable internet connection alternative with good value for money since many years and in March 2015 they approached MVG about NeptuLink_{by} MVG to discuss the possibility of a test before purchasing. *"It was very easy to make contact with MVG and our request immediately received a positive response. They loaned us one system and we conducted a test for an entire afternoon on board, with SIM cards from two different carriers, Orange and Bouygues. The test was successful, and we placed the order."* Says Thomas Arnaud from Les Pilotes de la Loire.

The benefits are clear to see. Having internet access on their pilot boat *Couronnée IV* makes their job much easier as they can access a list of the ships scheduled to leave the port via

the continuously updated by a dockside traffic pilot. For the crew, who are sometimes off shore for weeks at a time, it provides the ability to run maintenance software and communicate with the crew on board through WiFi calls and emails. These really help the channels of communication to remain open from ship to shore.

Real-time reporting while at sea

Real-time reporting to shore when at sea has always been problematic and the communications systems available were limited and prohibited effective communications. **IFREMER** (French Research Institute for the Exploitation of the Sea) designs and implements tools for observation, experimentation, and monitoring, and manages oceanographic databases. Olivier Soubigou, Engineer in the Ships and On-Board Systems Department at IFREMER explains the new capabilities with NeptuLink_{by} MVG: *"Since the spring, IFREMER has conducted several test campaigns with the NeptuLink_{by} MVG modem: first in the Bay of Toulon, then In Brittany, on the Thalia, between Ouistreham, Brest, Saint-Nazaire, Saint-Quay-Portrieux, and during coastal data collection campaigns from the English Channel to the Atlantic. The performance announced by MVG was highly attractive to us, and these various campaigns confirmed it. The connectivity is highly satisfactory in comparison to the systems already tested on the ships in our fleet."*

Another area where NeptuLink_{by} MVG is proving beneficial is when completing surveys at sea. Previously, companies looking to conduct oceanographic, hydrographic or geophysical surveys did not have the capability to send reports from marine sites back to shore. Benoit Poyelle, Technical Manager at **iXSurvey**, contacted MVG back in March 2015, explains how NeptuLink_{by} MVG has helped their business. *"Having Internet access on our 3 ships makes it possible to e-mail daily reports and datasets onshore for processing. The ships work along the coast, always within the limits of a traditional 3G modem like those found in stores. A test on a pre-production modem was conducted in the English Channel, off of Caen in the Baie de Seine. This helped validate clear improvements in data transmission, at the same cost. Three other tests were conducted with the same level of satisfaction along the Belgian, Danish, and German coasts. NeptuLink_{by} MVG was used with prepaid SIM cards."*

...The final word

Technical- Sales Manager Romain Butet at MVG says *"The expectation for instant communication regardless of location in today's world is now a priority and we are delighted that NeptuLink_{by} MVG has been so well received by the market. Once the customer tries NeptuLink_{by} MVG it sells itself. If you want to find out more, we'd love to see you at METSTRADE 2015, French Pavilion, stand 04.218."*

About NeptuLink_{by} MVG

NeptuLink_{by} MVG has been designed specifically with maritime in mind. With reinforced mechanics, it is tailored to withstand the harsh marine environment: high winds, corrosive elements and often unstable ocean conditions. Not just a simple repeater, NeptuLink_{by} MVG houses a SIM card. Through its two antenna transmitter-receivers it serves as a terminal that connects directly to distant 4G networks or 3G or Edge where 4G is not available.

NeptuLink^{by} MVG allows maritime vessel owners to provide wireless access to everyone on board and maintain optimal communication regardless of humidity, sea salt and spray, rolling and pitching motion or vessel type.

Find us at stand 04.218, METSTRADE, Amsterdam, 17-19 Nov 2015

Need further information?

For more information, please visit: www.neptulink.com

To view the NeptuLink^{by} MVG video please click: <https://youtu.be/t3bpXGsi8mc>

Should you wish to tweet about this press release please use @microwavevision #MicrowaveVision #neptulink #MetsTrade @MetsTrade

Images available:



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If you would like to organize an interview, require high resolution images, or indeed need anything else press related, please contact Claire@primesw.co.uk

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About MVG | MICROWAVE VISION GROUP

Since its creation in 1987, MVG (Microwave Vision Group) has developed a unique expertise in the visualization of electromagnetic waves. These waves are at the heart of our daily lives: Smartphones, computers, tablets, cars, trains and planes -- all these devices and vehicles would not work without them. Year after year, the Group develops and markets systems that allow for the visualization of these waves, while evaluating the characteristics of antennas, and helping speed up the development of products using microwave frequencies. The Group's mission is to extend this unique technology to all sectors where it will bring strong added value. Since 2012, MVG is structured around 3 departments: AMS (Antenna Measurement Systems), EMC (Electro-Magnetic Compatibility), EIC (Environmental & Industrial Control). MVG is present in 10 countries, and generates 90% of sales from exports. The Group has over 300 employees and a loyal customer base of international companies. The Group generated revenues of € 56.7 million in 2014. MVG has received the BPI "Innovative Enterprise" certification, and is illegible for PEA-PME. NYSE-Euronext: ALMIC | Alternext, code ISIN FR 0004058949 | For more information: <http://www.mvg-world.com>