



**Press release No. 03/2011**

## **CeBIT 2011: Fat Pipe for the Fire Brigade**

*Viprinet presents solutions for highly available Internet connections in mobile applications*

Constant availability of internet connections has become the main criteria for an increasing number of business applications. But both 3G and LTE, resembling the new generation of mobile broadcasting technologies, are too prone to interferences for business-relevant tasks. In addition, transfer rates and latency times fluctuate intensely depending on the position of the mobile device and on the workload of the radio cell. Router manufacturer Viprinet from Germany invented globally unique channel bonding technology that is able to combine up to six different Internet access points into one single stable connection.

The procedure already stood the test in numerous mobile application scenarios during which highly available Internet connections were to be set up in transit or in changing locations. In the course of the CeBIT, March 1<sup>st</sup> to 5<sup>th</sup> 2011 in Hannover, Viprinet presents two sample solutions in collaboration with its solution partner iQES® from Pulheim, Germany, in the outdoor area in front of hall 14: one fire truck and one variable broadcast vehicle, each equipped with a Multichannel VPN Router. By bundling up to six different 3G connections, fast and reliable transmission of information is guaranteed anywhere and at any time. In combination with the iQES® server compound, dependably high transfer rates can be ensured.

The presented solution enables faster, more efficient and more extensive than ever information management in emergency vehicles of fire brigade, police and rescue services. Transmission of information, especially notification concerning the place of action, still takes place via fax, radio, or mobile phone. Additional inquiries at the control center concerning the targeted hospital or instructions to the necessary special equipment pose lost time frames that are life saving when it comes to rescue measures.

With the help of the Viprinet technology, data may from now on be transferred into both directions considerably faster and more reliable. The iQES® Infotainment System real-time transmits all information

provided by the control center to a monitor in the emergency vehicle at the place of action. Thereby, the best route is transferred by the control center to the navigation system of the emergency vehicle without the driver having to interfere.

In the case of the broadcasting vehicle, employing channel bonding likewise offers considerable advantages, because a fail-safe and, particularly, broad-band connection is essential when it comes to safe transmission of broadcast contents from multiple locations. By combining up to six 3G connections, the iQES® server compound is able to provide a correspondingly high bandwidth for all connected work spaces.

In addition to the safe real-time transmission of encoded data, the mobile studio can be linked to the broadcasting center without any problems. The use of several different 3G connections with the Multichannel VPN Router means more independence from ISPs, which often set up and offer DSL connections to the broadcast vehicle only as one-day installations. Video streaming and communication will be enhanced by a new auto tuning and bonding mode. The transmission of very latency intensive data - via the medium 3G - is optimized by the Viprinet bonding technology.

"We are happy to have found a competent solution partner in iQES®, who has specialized in information management and infotainment systems within vehicles," Viprinet CEO Simon Kissel explains. "With the solution based on our technology, a great application field in the area of mobile communication opens up to us," he concludes.

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