
Octo Telematics launches InPulse telematics solution for off-highway vehicle management with AMA Spa and STE Industries

Munich, 12 April, 2016: [Octo Telematics](#), the global leader in telematics for insurance companies and vehicle manufacturers, today launched InPulse, an integrated telematics solution for the management of off-highway vehicles, such as construction, agricultural and mining equipment. InPulse will significantly increase the data and analytics available to drivers, fleet owners, OEMs and insurance companies for off-highway vehicles, bringing greater safety and cost management to an industry that demands increased efficiency, versatility and reliability.

Launched at [Bauma](#) 2016, the world's leading trade fair for the construction machinery and mining industry, InPulse will enable the collection of additional actionable data, detailed analysis and immediate feedback from an integrated hardware solution with an expanded suite of sensors. The 'GreenBox' hardware element of InPulse is the result of a collaboration between Octo Telematics and AMA Spa, the supplier of components for off-highway vehicles, and STE Industries, the specialist in wireless sensor solutions.

Edwin Maria Colella, Octo Telematics Vice President Special Customer Projects, said: "Octo's ability to collect and analyse telematics data is applicable to a wide range of sectors and we're committed to innovating new services for the benefit of the other industries. In partnering with AMA and STE Industries, both leaders in their fields, we have been able to produce a unique and innovative telematics solution to the management of off-highway vehicles, driven by the need for cost optimization and the constant pursuit of technological innovation that a market like this requires."

InPulse is the only telematics solution for off-highway vehicles that can collect and handle the high levels of data that make it possible for owners and operators to make safe and informed decisions about their equipment. The use of telematics for off-highway vehicles improves the 'total cost of ownership', in particular in sectors such as construction, mining, industrial development and agricultural equipment, whether for ownership or rental.

InPulse has the ability to integrate and send information gathered from multiple sensors, whether wireless or wired, to the Octo Telematics Data Centre for analysis, using Octo Telematics' Kernel Module processor, which is integrated within the InPulse GreenBox. This then is made available to analytics partners (OEMs, fleet managers, insurance companies) for implementation.

Off-highway vehicles need devices that are able to bridge the gap between local connectivity and remote infrastructure. The expanded network of sensors and smart control units provided by InPulse delivers clear advantages over conventional systems for recording, sharing and data protection.

The GreenBox is equipped with CAN-bus ports and integrated ISOBUS and J1939 stacks for connecting wired sensors to analyze data collected by the sensors and Micro.SP a proprietary STE technology for wireless sensor fusion. In addition to optimising energy consumption for both control units and wireless sensors, they are able to send up to 10 years' of data while being equipped with small lithium batteries.

InPulse (www.inpulse.tech) is the most comprehensive platform in the field of off-highway transportation management.

Octo integrates cutting edge technology into continuous product development Visit: <http://www.octotelematics.com/en> more information.

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About Octo Telematics

Octo Telematics is the global brand leader in telematics services for insurance companies, car makers, car rental companies and fleet managers, with 13 years of flawless execution in the insurance industry. Its integrated technology enables greater car connectivity as well as pioneering a fast-growing range of specialist applications. Octo Telematics partners with more than 150 companies all over the world and serves 4 million worldwide active customers on the road, with an average growth rate of over 150.000 new subscribers per month. The company manages the biggest telematics database in the world, holding 242 billion data points of mobility, with a rate of increase of 320,000 data points per minute, a 108 terabyte database and more than 400,000 road accidents reconstructed through algorithms. The company is headquartered in London, with offices in Rome, Spain, Germany, Brazil and the USA. <http://www.octotelematics.com/en/>

About AMA

AMA S.p.A. provides solutions for agriculture, construction and industry, and handling of goods. AMA is currently the only group in Italy able to supply components and equipment for outfitting and maintaining off-highway vehicles, agricultural and gardening machines. www.ama.it

About STE

STE designs new applications and innovations that can lead to a greater market growth in areas such as agriculture, IoT, smart city, automotive and logistics. www.ste-industries.com