Press Release

TIM and JMA Wireless evolve Rome and Udine stadiums coverage paving the way to 5G

TIM deploys world's first XRAN® in Stadio Olimpico in Rome and Dacia Arena in Udine, doubling the performance of the 4.5G mobile network and laying the groundwork for an exciting new 5G digital experience for fans

Rome, Italy / Liverpool, NY – February 26 2019

In response to the growing demand for greater connectivity and to guarantee an ever-increasing digital experience for its customers, TIM has premiered 4.5G capacity in two high-traffic venues, the Olympic Stadium in Rome and Dacia Arena in Udine, using JMA's XRAN virtualized RAN platform.

This virtualized mobile network solution, fully operational and integrated into the TIM live network, is an important evolution of the 4.5G network in the two A-series venues. It's has doubled mobile connectivity performance and, at the same time, guaranteed a reduction of operating costs through a smaller footprint, lower consumption, and greater simplicity of installation compared to traditional equipment.

Thanks to a collaboration with JMA Wireless on innovative solutions, TIM reinforces its technological leadership, offering top level digital experiences and high quality to its customers, especially the fans who crowd Italian football stadiums.

Through the virtualization of the access network, TIM reiterates its commitment to the evolution toward 5G by ensuring efficiency and flexibility as it provides new digital services. Real-time products like 360° HD video increase dynamic interaction between spectators and the environment, ensuring maximum navigation performance within apps and social tools as thousands of mobile users all communicate at once.

The XRAN virtualized software system developed by JMA Wireless has been designed to optimize the digital experience of over 70,000 spectators at the Olympic Stadium in Rome. Thanks to its seamless integration with the existing mobile network of TIM, XRAN significantly reduces the footprint and power requirement of the equipment while optimizing the conditioning systems.

"We are very satisfied with the transformation of stadium capacity with the XRAN solution and the benefits we have been able to experience in the field," said Domenico Angelicone, TIM's Head of Access Network Technology. "This is another important milestone in the process of transforming our evolution toward 5G through virtualized software solutions. The ability to manage and reduce complexity improves customer value and network quality in an economically efficient way, paving the way for the new 5G digital services, such as immersive and virtual reality services."

"These are the first two large stadium networks transformed by XRAN and integrated into the TIM live network," said Andrea Casini, SVP, International Business and Technology at JMA Wireless, "further demonstrating that XRAN software technology is ready for expansion and offers huge benefits to network operators, in terms of operational saving, and to their customers, in terms of improving the quality they enjoy."

TIM Press Office
+39 06 3688 2610
https://www.telecomitalia.com/media
Twitter: @TIMnewsroom

About JMA Wireless
JMA Wireless designs and builds next generation in-building and outdoor mobile wireless systems, delivering the industry's most powerful technologies that enable LTE, 5G, and CBRS services on mobile operator networks worldwide. JMA Wireless' XRAN™ leads the industry with the only 100 percent virtualized RAN platform, combined with its TEKO, NWAV, and RF distribution technologies. JMA Wireless is a U.S.-based company with manufacturing, R&D, and sales operations in over 20 locations worldwide. For more information, see jmawireless.com.

For further information, contact:
David Lawrence
+1 315-431-7126
dlawrence@jmawireless.com