



Press Note

TIM focuses on complete quality and achieves a world first of up to 1 Giga on the 4.5G live mobile network with LAA technology

With a new first, TIM brings its 4.5G network to the Gigabit era, achieving, thanks to the Licensed Assisted Access (LAA) technology, a speed of up to 1 Gigabit per second a further milestone which confirms the company's leadership in quality and innovation

Launch of the TIM Home Platform, the “technological heart” of the smart home combining innovation and high design. TIM HUB, an evolved modem enabling the smart home, and TIM BOX, the new decoder to access all digital entertainment services, are available from September

The first of TIM's concept stores opens in Milan. Inside there are areas dedicated to the smart home, entertainment, gaming and the office, with excellent products enabled by TIM's ultrabroadband network infrastructure

Milan, 26 July 2017

TIM achieves a world first, demonstrating a download **speed of up to 1 Gbps** on its 4.5G live mobile network with Licensed Assisted Access (LAA). **Another first that confirms the company's technological leadership** which is speeding towards 5G offering top performances and extraordinary quality for the mobile data service. A milestone which brings into play the advanced antennas and modulations already implemented in TIM's 4.5G network and LAA technology which groups the LTE frequencies with the non-licensed 5GHz spectrum, particularly effective for hot spot coverage (stadiums, shopping centres, squares and parks) via small cells with low visual impact.

The service up to 1Gbps in download will be commercially available from September in the hot spots of Milan and Turin, and thereafter it will be rolled out to other large cities hot spots together with the service up to 130 Mbps in upload, which will be available in all the main towns and cities and in over 1,100 municipalities. For this testing on the live network, a new generation ASUS smartphone was used, supported by the mobile platform Qualcomm® Snapdragon™ 835 with LTE X16 integrated modem and Ericsson's LTE-Licensed Assisted Access network technology.

This important testing is the **latest result of the transformation process started by TIM, which is focusing on complete quality in terms of technology, fixed and mobile convergence, exclusive and distinctive content, entertainment services and customer centrality.**

TIM HAS LAUNCHED THE TIM HOME PLATFORM, A DIGITAL ECOSYSTEM THAT COMBINES INNOVATION AND HIGH DESIGN.

This new integrated platform represents the **“technological heart” of the smart home** for Italian families, becoming an enabler of all the services and digital solutions offered by the company. A strategy which aims to provide advanced devices and products for the home connected to the domestic Internet of Things network.

From September, many new features will be available to all TIM customers. Starting with **TIM HUB, the new advanced modem** which becomes an access gateway for the domestic smart life, supported by **TIM BOX, the latest generation decoder** which provides a new entertainment experience. Distinctive elements – with their

Telecom Italia S.p.A.

Registered Office: Via Gaetano Negri, 1 - 20123 Milan

Tax Code / VAT no. and registration with the Milan Business Register: 00488410010 - Registration in the A.E.E. Register (index of Manufacturers of Electrical and Electronic Equipment) IT0802000000799

Share Capital €11,677,002,855.10 fully paid-up Certified e-mail address [Casella PEC]: telecomitalia@pec.telecomitalia.it



elegant and refined design – created exclusively for TIM which confirm its role as an enabler of the digital life of the country.

TIM HUB is a state-of-the-art product with a download capacity of up to 2 Gbps. With its six antennas, the new modem delivers the maximum performances of Wi-Fi in the home, optimising the use of the frequencies and channels, thereby improving the download speed. Moreover, it further facilitates the installation of fibre connectivity, both FTTCab up to 200 Mega and FTTH up to 1,000 Mega and, with its dedicated App, it simplifies the customer experience. The TIM HUB will be available from September for all customers who choose the Smart Fibra Plus 200 and Smart Fibra Plus 1000 offers.

Another major novelty is TIM BOX, the new decoder from TIM, integrated with and complementing the design of TIM HUB, which provides a new digital entertainment experience to be enjoyed in a unique and simple way. Thanks to TIM BOX, in fact, all customers will have direct access to TIMVISION and TIMGAMES entertainment services. The decoder stands out for its technology and features and, compared to the previous version, it integrates the latest generation processor – to support gaming and all the advanced multimedia features – even more powerful dual band 2.4/5GHz WiFi connectivity, a memory with 32 Giga of space dedicated to Apps, and a new remote control for voice searches.

With TIM BOX, a **new TIMVISION interface** that **emphasises over 10,000 catalogue titles**, enhancing the layout through new graphic elements such as posters, artwork and pictures of actors and directors, a new simplified and fast navigation menu, where content is organised based on the user's tastes and favourite genres, and which can now easily reproduce from the homepage the films or TV series which have not been viewed completely. Finally, a perfected search function that can be operated using both remote control and voice. In particular, in addition to the over 10,000 titles and premium content offered exclusively, TIMVISION has also entered the world of big sports events via a partnership with Eurosport and Discovery Communications, to offer major Italian and international sporting events through to the end of 2020, including the Olympic Games, the Grand Slam Tennis tournaments (Australian Open, Roland Garros, US Open), the Giro d'Italia and the Tour de France.

Furthermore, from September customers will be able to use this new decoder also to access **TIMGAMES, the new platform dedicated to home gaming**. It will in fact be possible to download free of charge, directly to the TIM BOX, a selection of the best titles optimized for TV (including “Asphalt 8” and “Dungeon Hunter 4”) and to access the extensive catalogue of games for console in streaming available through subscription (for example “GRID Autosport Complete”). TIM has also created the new TIM GAMEPAD, featuring an ergonomic design with finishes in soft touch materials, optimized for in-cloud gaming with low latency.

This scenario incorporates **the first of the new generation TIM concept stores** opened today in Milan. TIM is starting out with a store in Via della Moscova to present the plan to create the next stores which will be opened throughout the country. **Authentic technological showcases** in large spaces, which aim to strengthen relations with customers and introduce them to a display area designed to enhance the products and services offered, allowing it to expand the customer experience. They will feature areas dedicated to the smart home, entertainment, the office and exceptional products which, thanks to the use of TIM's ultrabroadband connections, will make it possible to satisfy the requirements of daily life, with the possibility of buying the best products for the digital life thanks to partnerships struck with the most important players on the market, from Samsung to Bang&Olufsen.

TIM Press Office

+39 06 3688 2610

www.telecomitalia.com/media

Twitter: @TIMnewsroom

Telecom Italia S.p.A.

Registered Office: Via Gaetano Negri, 1 - 20123 Milan

Tax Code / VAT no. and registration with the Milan Business Register: 00488410010 - Registration in the A.E.E. Register (index of Manufacturers of Electrical and Electronic Equipment) IT0802000000799

Share Capital €11,677,002,855.10 fully paid-up Certified e-mail address [Casella PEC]: telecomitalia@pec.telecomitalia.it