

AT 5G FORUM MALAGA

Cellnex presents the first Multi-operator connectivity solutions prepared for 5G

- It is present at the 5G FORUM, the key event for boosting technology and services around the fifth generation of mobile telephony
- Cellnex is a benchmark in several European projects for developing 5G technology
- 5G is key to developing the Internet of Things (IoT), the autonomous vehicle, industry 4.0, e-health and smart cities

Barcelona, 20 April 2018. On 25 and 26 April Cellnex will be taking part in the 5G FORUM, the main multidisciplinary meeting on 5G technology held in Spain. The two-day event at the *Polo de Contenidos Digitales* in Malaga will highlight the various applications of 5G and provide a bird's eye view of the advances in this technology. The companies leading its development and implementation will be able to exchange knowledge in the field, share experiences and present their latest advances, also with real-time demonstrations. Cellnex Telecom's Global Commercial Director Óscar Pallarols will take part in a session that will set out the vision of a neutral telecommunications infrastructure operator in the development of 5G multi-operator networks.

The current mobile communications ecosystem will undergo an unparalleled revolution with the arrival of 5G, providing better quality, faster connectivity able to manage unprecedented volumes of data. This will require greater densification of the networks, with greater capillarity, and minimum latency. The current level of consumption per user will increase four to five-fold by 2020, with multimedia content the main driver of this increase in traffic.

Cellnex Telecom, the leading European operator of wireless telecommunications infrastructure, is leading the roll-out of networks prepared for 5G thanks to its extensive presence in Europe, with more than 27,000 sites - including small cells and Distributed Antenna Systems (DAS) - in six European countries: Spain, Italy, Netherlands, France, the UK and Switzerland.

The company offers multi-operator mobile connectivity solutions to respond to the current demand for coverage in high footfall areas, such as football stadiums, shopping centres or urban centres, among others. Among the examples of this type of area, Cellnex has equipped, for example, the Wanda Metropolitan Stadium in Madrid and Milan's San Siro and Turin's Juventus football stadiums; the Milan, Genoa and Brescia underground; Milan Malpensa airport; high-speed tunnels; and Milan's historic centre. DAS and small cells already facilitate high-quality mobile broadband connectivity and respond to environments where saturation previously affected the service due to the high demand.

The networks rolled out by Cellnex Telecom guarantee that all mobile operators can offer their broadband connectivity services in optimal coverage conditions and are key to the development of the Internet of

Things (IoT), self-driving vehicles, industry 4.0 and smart cities. It is also scalable and is therefore to respond to increased future demand for data traffic.

Cellnex, leading the way in 5G development in Europe

Cellnex is working on the development of several European projects that are paving the way for the roll-out of 5G networks and services:

5G-City: a project funded by the European Commission within the Horizon 2020 programme that aims to evaluate 5G technologies through very specific pilot projects in European cities such as Barcelona, Bristol and Lucca. The idea is to validate different usage cases provided by a neutral operator.

Veo5G: a project coordinated by Cellnex and funded by CDTI, which aims to provide the basis for a neutral operator or infrastructure provider to be able to supply their 5G infrastructure to third parties.

5GON: a project funded by the Generalitat de Catalunya to develop a 5G multi-operator solution for validating services in the Neutral Operator field.

RESISTO: a European H2020 project aiming to protect critical telecommunications infrastructures in terms of prevention, detection, mitigation and response.

V2XArch: a project funded by the Ministry of Energy, Tourism and Digital Agenda for designing a complete autonomous connected vehicle platform, including a validation trial in the field.

FLEXNET: a European Celtic-Plus project coordinated by Cellnex and funded by CDTI, oriented towards surveillance and emergencies.

LEAN: a European Celtic-Plus project funded by the Ministry of Energy, Tourism and Digital Agenda that aims to use 5G technologies to provide access to Broadband Internet in rural areas in emerging countries.



About Cellnex Telecom

Cellnex is Europe's leading neutral operator of wireless telecommunications and broadcasting infrastructures with a total portfolio of more than 27,000 sites, including its roll-out forecasts up to 2023. The company is present and operates in six countries: Spain, Italy, France, Netherlands, the United Kingdom and Switzerland.

Cellnex's business is structured in four major areas: telecommunications infrastructure services; audio-visual broadcasting networks, security and emergency service networks and solutions for smart urban infrastructure and services management (IoT and smart cities).

Cellnex is listed on the continuous market of the Spanish Stock Exchange and is part of the selective IBEX 35 and EuroStoxx 600 indexes.

It is also part of the FTSE4GOOD and CDP (Carbon Disclosure Project) sustainability indexes and has recently been included in the Standard Ethics index.

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