MWC 2018: ENENSYS Technologies and b<>com announce their 5G network deployment partnership

SME [ENENSYS Technologies](#), which specializes in transmitting video feeds, has joined the [b<>com](#) Institute of Research and Technology to work on adapting its solutions to 5G and accelerate its development. The two of them are combining their knowledge of 5G network development.

With b<>com's teams, ENENSYS Technologies will work on the cloudification, slicing, and orchestration concepts of their eMBMS (multimedia broadcast on cell networks) solution for the purposes of future 5G network deployments.

> *"ENENSYS's strategy has always been to anticipate our customers' needs, as is the case here with 5G core network issues for mobile telecom operators. With a big lead in concepts like CUPS (separating the control and data planes) already in effect in our 4G LTE Advanced Pro (Rel 14) solution, we plan to benefit from the experience and experiment infrastructure of b<>com in 5G issues to further improve our innovative solutions,"* explained **Régis Le Roux, CEO of ENENSYS Technologies**

> *"One of our current projects is totally in sync with ENENSYS Technologies' strategy. Getting our teams to work together will help pool our expertise and put technological solutions on the market faster,"* added **Bertrand Guilbaud, CEO of b<>com**

The promise of the next generation of mobile networks (5G) is clear: Faster, more efficient, more reliable. These networks are also expected to reduce device power consumption and serve as a better framework for the emergence of IoT.
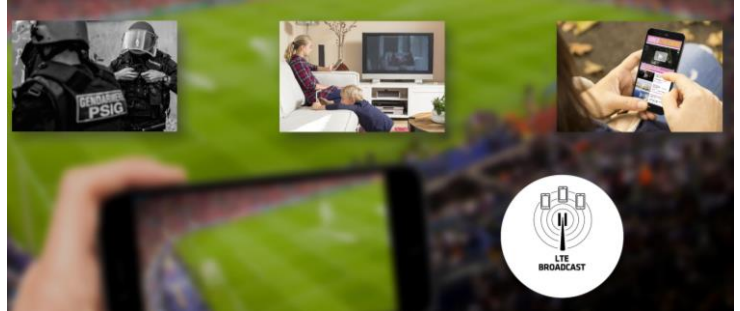
All players in the sector are experimenting, with a goal of finalizing the standards that will define this core network. Test phases are becoming common. Concepts need to deliver on their promise, both in terms of infrastructure reliability and of the schedule: The deployment of these new mobile networks is planned for 2020.

b<>com has been a 5G test operator since May 2016 as part of phase 1 of Horizon H2020 – the European research and innovation program. New European programs are being launched with the kick-off of phase 2 of H2020 (5G Transformer, WORTECS, NGPaaS, One5G). Against this backdrop, b<>com's research teams are developing solutions that deal with radio access network aspects, security components, and the 5G core network.

Spotlight on the solutions presented by ENENSYS and b<>com at the Mobile World Congress **(MWC) being held right now in Barcelona**

ENENSYS Technologies is exhibiting for the fifth year in a row at the Mobile World Congress (Hall 5 - Booth 5C20). The demonstration of a complete transmission sequence will be presented:

From a live video (shot in real time by a camera) to LTE Broadcast distribution on 4G LTE terminals, using our MobiBMSC, a virtualized, distributed, and scalable solution incorporating BM-SC, eMBMS Gateway, MCEs and MME B, which enables LTE Broadcast technology on a unicast 4G core network.

Usages for LTE Broadcast

b<>com is exhibiting two exclusive solutions for IoT this year (Hall 7 – Stand H12):

b<>com *Wireless Library*, [LPWA SDR Platform]: A multi-standard (LoRa, Sigfox, NB-IoT, etc.) SDR modem for LPWA networks that can communicate with connected objects.

And b<>com *Wireless Edge Factory*, a multi-standard (LTE, Wi-Fi, LPWA, etc.) wireless network that enables an interruption-free connection, while mobile, for critical communications.

About b<>com

With its innovations, the Institute of Research and Technology (IRT) b<>com is taking part in the European digital transformation. Its 230 researchers develop tools, products, and services that make everyday life easier. They focus on two fields of research: Hypermedia (ultra-high definition images, 3D sound, smart content, virtual and augmented reality) and more agile ultra-high speed networks (cloud, cybersecurity, ultra-high speed mobile, network resilience, Internet of Things). Of the many fields of application for these technologies, e-health has allowed b<>com to participate in the digital revolution going on in medicine. https://b-com.com

About ENENSYS Technologies

ENENSYS designs and manufactures innovative professional equipment and software, enabling Efficient Video Delivery over Broadcast & Telecom Networks. Focused on innovation, ENENSYS Technologies is organized around 3 specialized brands – ENENSYS Networks, TeamCast and TestTree. The 3 brands address a wide variety of international standards (DVB-T2, ARSC3.0, ISDB-T, and 3GPP). Member of Rennes-Atalante and the French Tech, ENENSYS is based near Rennes, at the heart of the Image & Network competitive cluster. The group has more then a hundred employees and exports 90% of its products & services.

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