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Press release

b<>com creates Obvios, a new player in private 5G network solutions

Rennes, January 9th, 2024 - [b<>com](#) Hatched from b<>com's recognized technological expertise and knowledge of connectivity markets, [Obvios](#) designs, deploys and markets 100% software-based sovereign private 5G network solutions. Obvios aims to become one of the major players in this market in France and Europe. A nascent and booming market that could reach 20 billion euros in Europe by 2030.

Since its creation, b<>com has developed innovative technological solutions by combining academic and industrial excellence, particularly in the fields of digital infrastructures and telecommunications.

The IRT has established itself as a key player in private 5G networks in France and Europe. On the one hand, that's thanks to its in-depth knowledge of mobile networks (4G, 5G, 6G) and the cloud, and on the other hand to its commitment to harnessing new related technologies, particularly software and solutions development.

With the support of the French government, since 2021 b<>com has accelerated the development of Dome, its private 5G sovereign solution, which is a part of the Institute's *xG Sovereign* initiative. What's the push? b<>com wants French and European players to regain their autonomy through this budding strategic market by offering integrators and manufacturers sovereign, adaptable and secure solutions.

Launched just 3 months ahead of the Mobile World Congress, the most influential event for the connectivity ecosystem, Obvios marks the successful realization of this ambition.

"Obvios proves our ability to envisage and develop, right through to market launch, technologies that meet industry needs and move France and Europe towards technological sovereignty. It demonstrates the pertinence of the IRT model as a catalyst for innovation in the name of industrial competitiveness," affirms **Emmanuelle Garnaud-Gamache, acting Managing Director of b<>com.**

Based in Cesson-Sévigné, Obvios will have a site in Lannion as well as an office in Paris. Synergies with b<>com will enable the company to maintain the forward-looking R&D firepower it needs to explore innovative connectivity solutions that are ever more adaptable to its customers' needs.

Secure, robust, adaptable, and easy to deploy and operate, Obvios' Dome solution will soon be a matter of course for all French and European manufacturers and integrators.

"We have high hopes for Obvios. We firmly believe that one day all organizations will have their own private mobile network. We strive to be a European leader in private 5G, which is sure to revolutionize our strategic and vital industries. That makes it simultaneously a major risk and

an opportunity. We're staying ahead of the game in providing a concrete and secure French solution to manage the risk and seize the opportunity." says Bertrand Guilbaud, President of Obvios.

b<>com keeps up its xG activities with a laboratory dedicated to Radio technologies. It also pursues projects to explore and design digital technologies, reconciling digital responsibility and innovation. The focus is on six core areas: connectivity, cybersecurity, digital twin, immersion and interaction, future computing and artificial intelligence.

USE CASES

[industry] A connected plant with [Acome](#) and [Alsatis](#)

The *Dome* private 5G core network solution [has been deployed at Acome's 50-hectare industrial site in Normandy](#). The French manufacturer specializing in the production of high-tech cables will use Dome mainly for productivity (real-time data feedback for production line supervision, mobile surveillance of production tools using drones), safety (detecting dangerous situations) and logistics (inventory tracking, autonomous shuttles, etc.).

[defense & security] Domestic and military security operations

Private 5G is a key enabler in managing homeland security operations in urban environments and during large-scale events such as demonstrations, public gatherings, natural disasters or crises. These networks provide a platform for deploying high-resolution surveillance cameras in sensitive areas. They enable real-time data processing, enhanced command and control, drone inspection and work with robotics, just to name a few. Deploying secure communications in hostile environments is one of the areas where private 5G can make a big difference.

[media] Streaming exclusive live interviews from Hellfest

Cultural and sporting events attract thousands or even millions of spectators, both physically and virtually. Private 5G is a cutting-edge solution that brings robust, secure connectivity to ensure the best experience possible. Recently, [*Dome* was deployed at Hellfest](#) to broadcast live artist interviews on the festival's Twitch channel.

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