



 Bull Hoox for mission

Factsheet

Highly secure and resilient
tactical LTE communications

Atos

Trusted partner for your Digital Journey

Highly secure and resilient tactical LTE solution

To ensure civilian safety and successful operations, personnel in the field must efficiently communicate and share critical mission information in real time. Bull Hoox for mission enables civil security forces to provide coordinated and relevant response to threats.

LTE solutions are increasingly used by intervention forces, making it possible for them to share rich data such as videos, images and other data-intensive information. However, the use of this civilian technology in critical situations raises questions on the security of communication and the availability of standard critical communications features.

Bull Hoox for mission combines the power and the usability of civilian solutions to missions' operational requirements with level of resilience and security required by security forces.



Highly-secure communication

When migrating from a PMR solution to an LTE one, you enter the IP world. Bull Hoox for mission natively integrates cybersecurity in compliance to critical communication requirements. As part of the Bull Hoox secure mobile telephony product range, Bull Hoox for mission targets a very high level of security by introducing additional layers of encryption and prevention from phone hacking.

The communication chain provides end-to-end security:

- Protection of the device against intrusion (physical and remote hacking);
- Protection from communication interceptions (voice, data, position);
- Secure applications.

Resilience for critical situation

In operational emergency, network availability is the key. Bull Hoox for mission ensures a high resilience of the communication capacities through:

- The reinforcement of the availability of public LTE networks through multi-operator capacities;
- The provision of private local LTE;
- The ability to use three communication channels: public LTE, private LTE and device-to-device communication. The solution can switch automatically and with no delay from a communication channel to another.

Optimal usability

With Bull Hoox for mission, Atos combines all advantages of civil LTE with tactical communication requirements.

Personnel on the ground have access to the standards smartphone features:

- Secure sharing of rich data: photos, videos, and other data-intensive communication;
- Customized mission specific applications developed for you.

In the meantime, Bull Hoox for mission adds standard critical communications features to a smartphone:

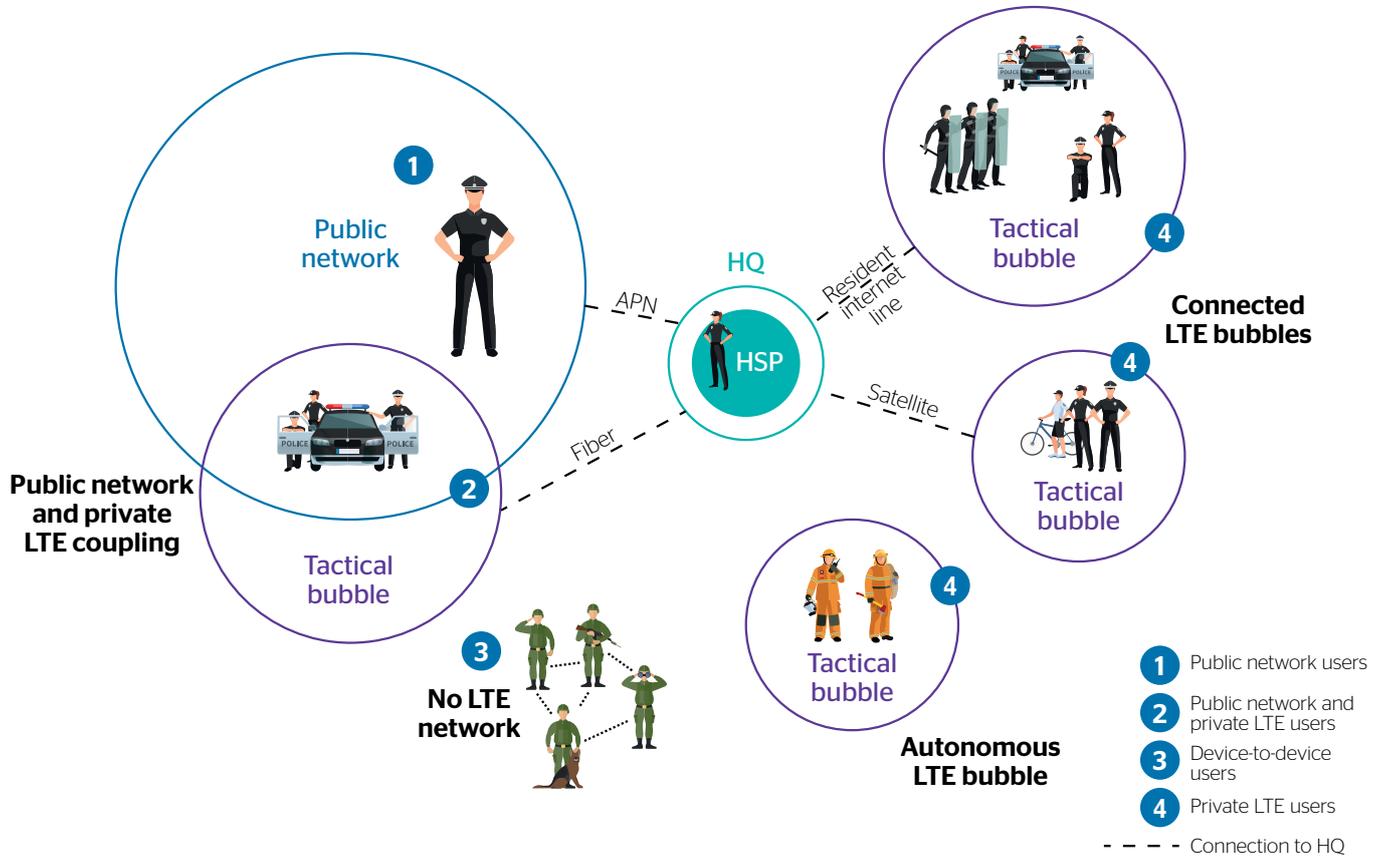
- Push-to-talk;
- Position sharing (blue force tracking).

These features are available out of the box and can be integrated into your applications.

Integration partner program

Atos helps your developers to add Hoox for mission's innovative features into their applications, such as push-to-talk, blue force tracking, mapping and IoT object connection.

Deployable modular equipment adaptable to the mission



Bull Hoox Smartphone



This latest-generation smartphone is based on a highly secure Android OS developed by Atos.

Bull Hoox Smartphone's customizable mission-oriented interface provides direct access to tactical communication features, such as push-to-talk.

In a single device, your security forces have both a smartphone and a field communication handset.

Bull Hoox LTE Bubble

This device creates a local LTE network with a range depending on the configuration - it is available in fixed, mobile and man-portable versions. Each Bull Hoox LTE Bubble can ensure the security of local communications.

Bull Hoox Hub



This small portable device is a multi-channel communication module that automatically switches between public and private network with no voice break. It provides device-to-device communication.

Bull Hoox Security Platform (HSP)

HSP ensures highly secure voice and data exchange over the air, using encryption to prevent interception.

The platform provides secure communication across a specific area, or over a security force's entire communication network.

About Atos

Atos is a global leader in digital transformation with approximately 100,000 employees in 72 countries and annual revenue of around € 12 billion. The European number one in Big Data, Cybersecurity, High Performance Computing and Digital Workplace, The Group provides Cloud services, Infrastructure & Data Management, Business & Platform solutions, as well as transactional services through Worldline, the European leader in the payment industry. With its cutting-edge technologies, digital expertise and industry knowledge, Atos supports the digital transformation of its clients across various business sectors: Defense, Financial Services, Health, Manufacturing, Media, Energy & Utilities, Public sector, Retail, Telecommunications and Transportation. The Group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and operates under the brands Atos, Atos Consulting, Atos Worldgrid, Bull, Canopy, Unify and Worldline. Atos SE (Societas Europaea) is listed on the CAC40 Paris stock index.

Bull is the Atos brand for its technology products and software, which are today distributed in over 50 countries worldwide

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Let's start a discussion together

