

A woman in a dark blue police uniform is shown in profile, talking on a black mobile phone. She has dark hair tied back in a ponytail. The background is a blurred outdoor scene with green foliage and a building in the distance.

 Hoox for mission

Highly secure and
resilient tactical
LTE communications

Trusted partner for your Digital Journey

Atos

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. 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.

Hoox for mission combines the power and the usability of the civil 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. Hoox for mission natively integrates cybersecurity in compliance to critical communication requirements.

As part of the Hoox secure mobile telephony product range, 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. 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 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, Hoox for mission adds standard critical communications features to a smartphone:

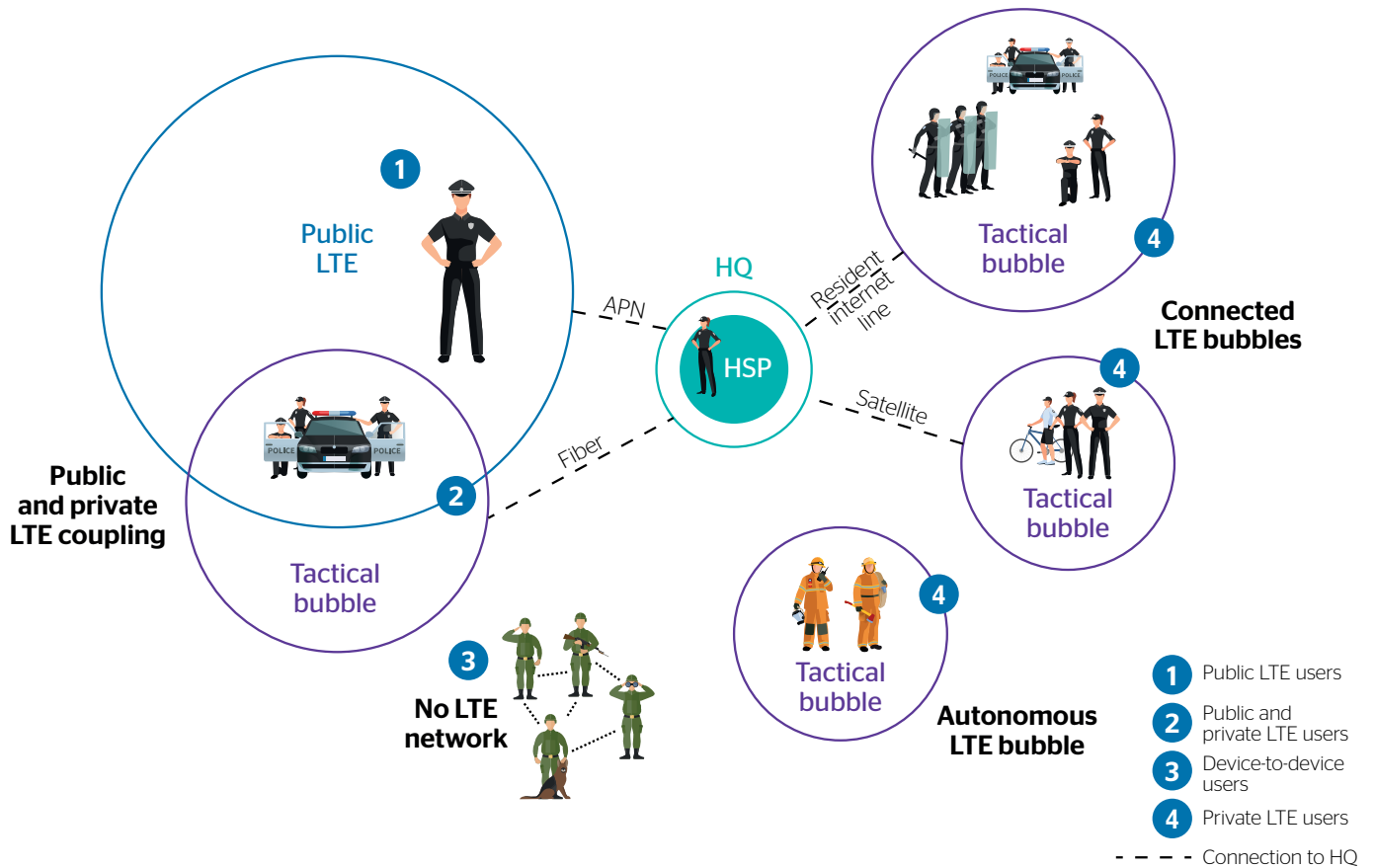
- Push-to-talk
- Position sharing (blue force tracking)

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

Integration partner program

Atos accompany your developers in the integration in your application of Hoox for mission innovative features, such as Push-to-Talk, blue force tracking, cartography and IoT object connection.

Deployable modular equipment Adaptable to the mission



Hoox Smartphone



This latest generation smartphone is based on a highly secure Android OS developed by Atos. Its customizable mission oriented interface gives direct access to the main features of tactical communications, such as Push-to-talk. Hoox smartphone combines the advantages of a smartphone to specific needs of your security forces.

Hoox LTE Bubble



This device creates a local LTE network with range depending on the configuration. Each bubble contains a local security platform, ensuring security of communications at all time.

The secure LTE Bubble is a configurable device available as fixed, mobile and carry-on solution.

Hoox Hub



This carry-on multi-channel communication module can automatically switch between public and private network with zero-delay and supports device-to-device communication.

Hoox Security Platform (HSP)

HSP ensures a very high security of data exchange over the air (voice and data) through introduction of additional layer of encryption to fight potential interception attempts.

The platform enables secure communication within a specific location or across the complete communication network of security forces.

About Atos

Atos is a global leader in digital transformation with approximately 100,000 employees in 73 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.

Find out more about us
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Let's start a discussion together

