



How end-users benefit from 4G and future 5G mission-critical services

Use case examples and innovations in 3GPP-based networks

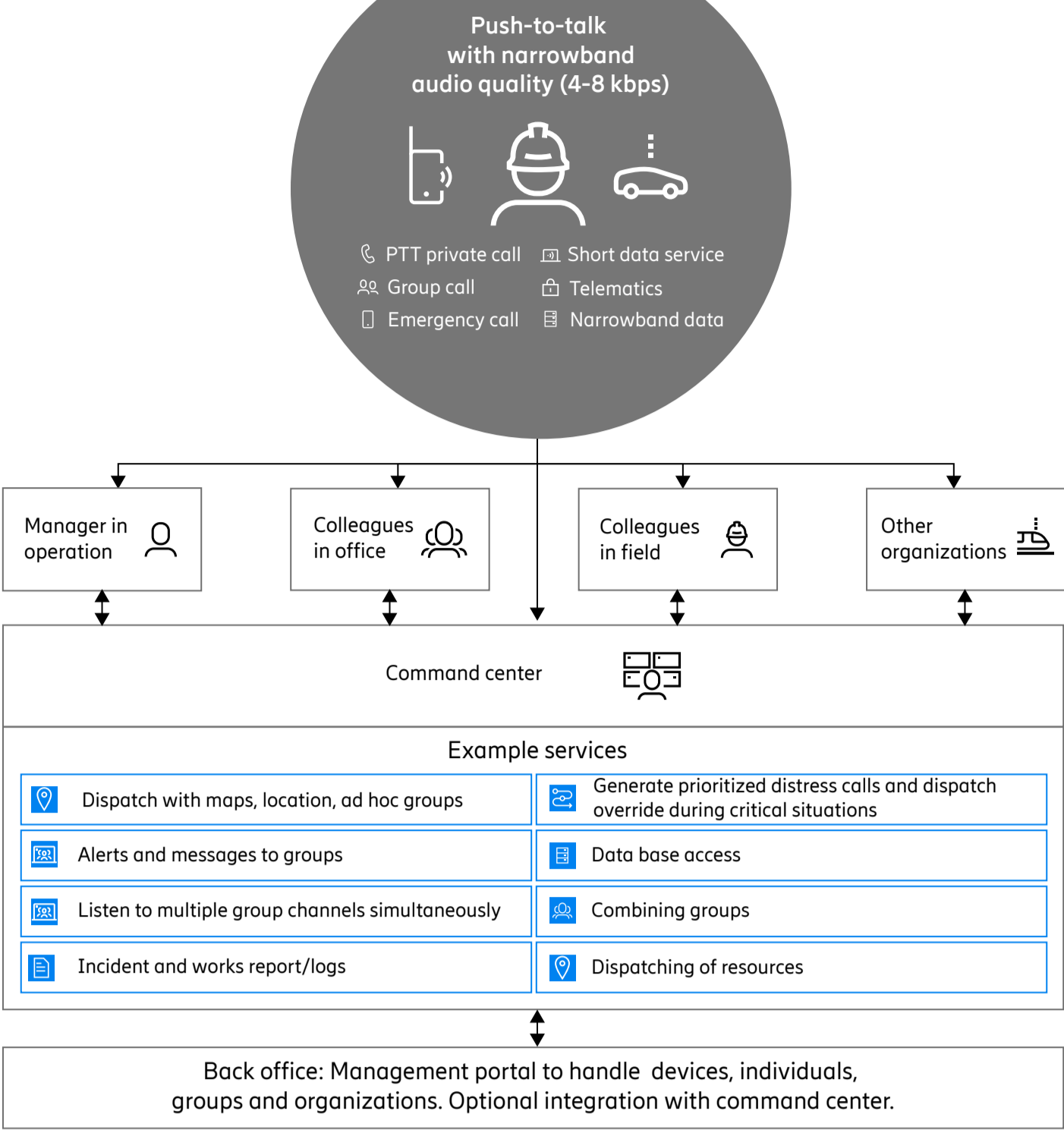
Explore what kind of mission-critical 4G and future 5G services public safety employees can use in everyday work life. We are putting a policeman at work in focus and the colleagues in the command center to show how they can benefit from new technology.

The same types of services can also be used by first responders like ambulance, fire and rescue teams, as well as employees in other industries requiring mission-critical services, such as harbors, ports, mines, rail, factories and other industries.

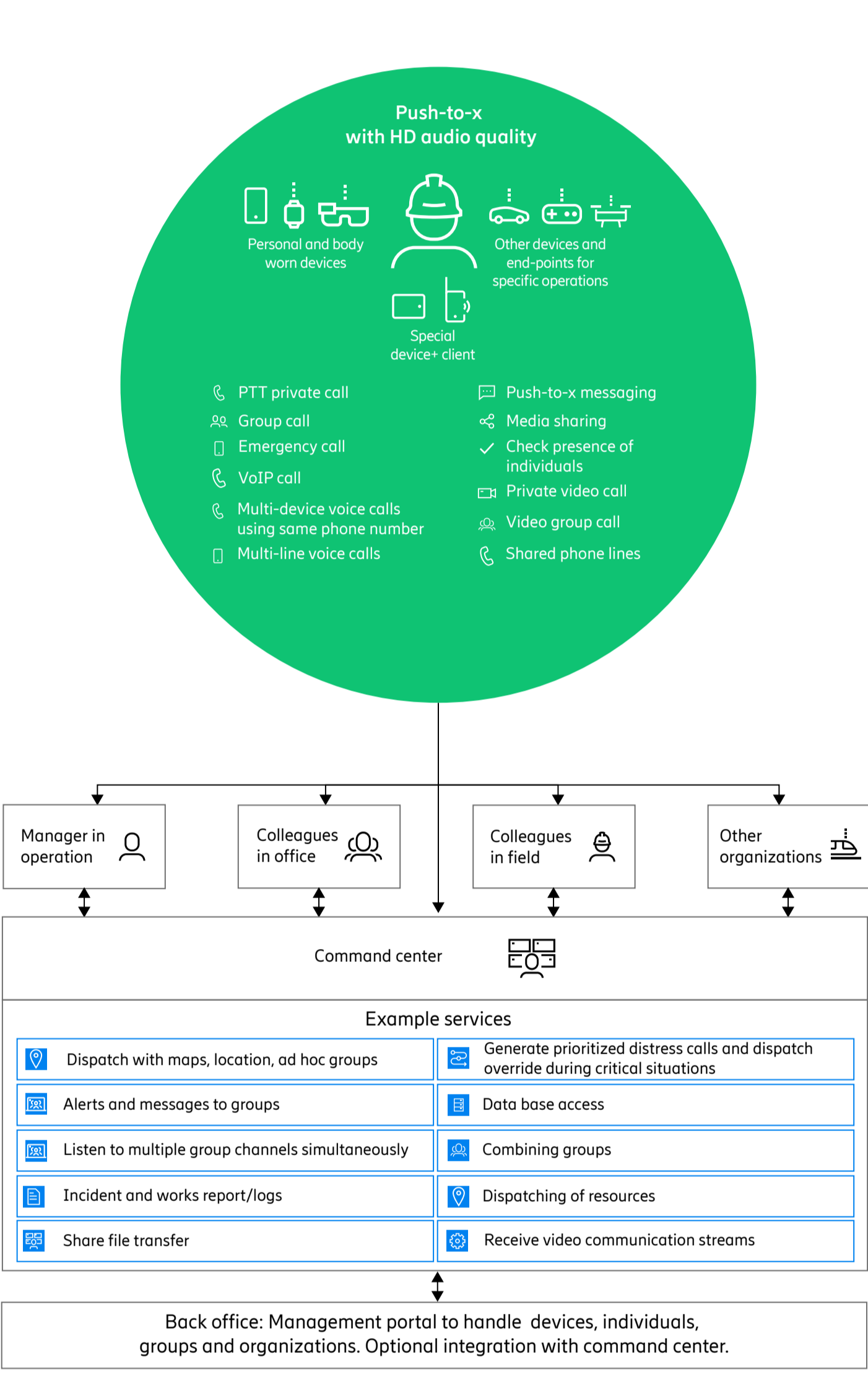
Today the policeman and colleagues have narrowband (4-8 kbps) audio push-to-talk services based on Land Mobile Radio (LMR) and limited mobile data services at hand in their daily work.

Find out how they can benefit from HD-quality audio push-to-x and mission-critical 4G mobile broadband data services today. Explore future 5G services and beyond. All services are and will be delivered over the same 3GPP-based mission-critical capable 4G and future networks.

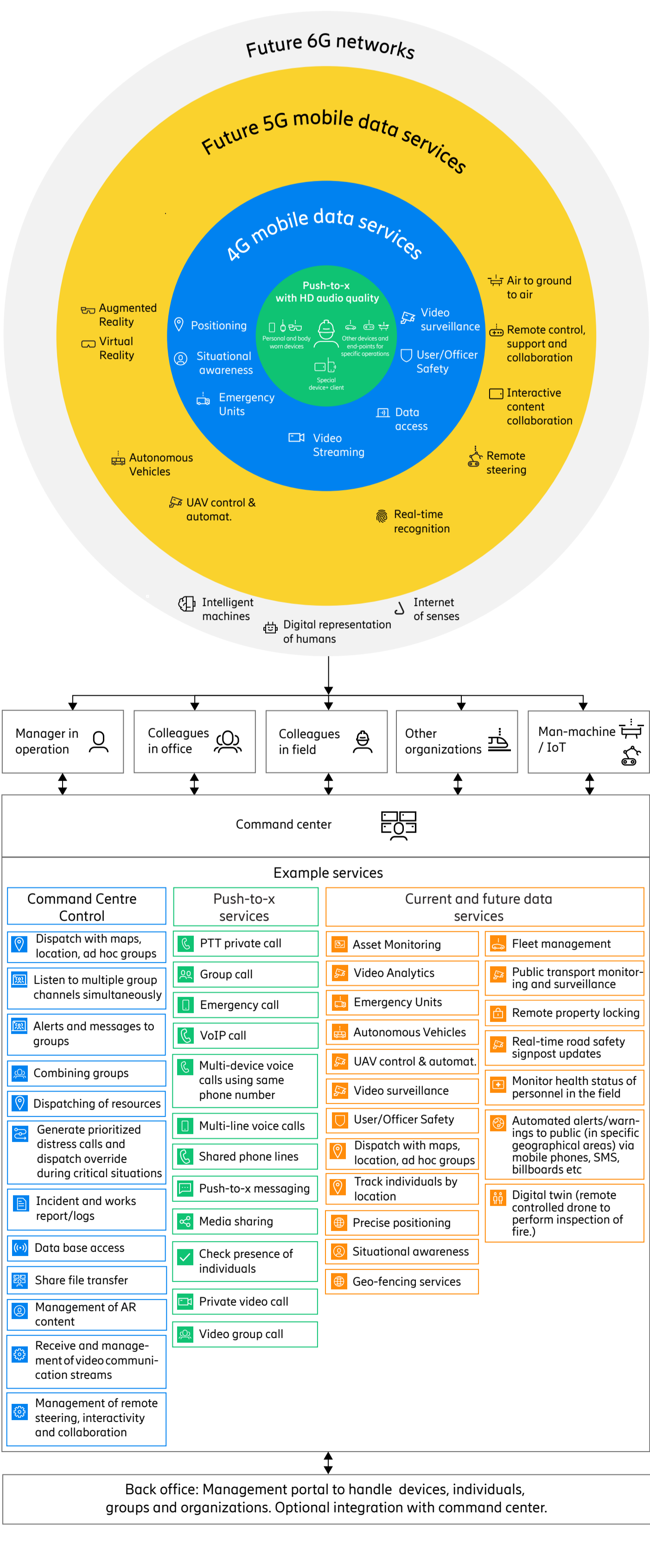
The policeman at work Using Land Mobile Networks (TETRA, P25)



The policeman at work Using mission-critical push-to-x (based on 3GPP)



The policeman at work Using mission-critical push-to-x and mobile broadband (based on 3GPP)



Information about commercial availability of services

The examples in this document are based on commercial Ericsson solutions, but also include ideas for future innovative services. The 5G related services and innovations are not yet available for mission-critical communications networks, as the 3GPP 5G standard is not ready. But now is the time to explore what new future 5G services end-users in mission-critical organizations could benefit from in everyday work operations. Future 6G networks research is ramping up, and should contribute to an efficient, human-friendly, sustainable society through ever-present intelligent communication.

Some use cases require support in devices, clients and other end-points, and would be available based on market demand and global device eco-system developments.

Contact Ericsson to find out more about what is commercially available today, our future plans, and how we can collaborate and co-create services for your organizations' specific needs