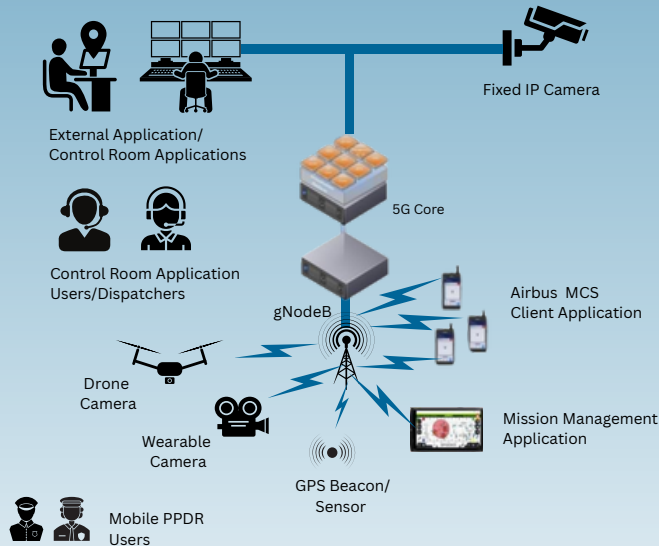


Use Case 3: City Security Event

PPDR



Technology for PPDR smart situational awareness enhancing effective, resilient, secure collaboration and real-time information sharing for PPDR organisations and personnel by leveraging on beyond 5G capabilities



PPDR mobile users and dispatchers employ Mission Critical Services (MCS) applications enabling several functionalities. Video streams are transmitted to the dispatcher in real time.

THE LARGE SCALE TRIAL



21 March 2025



Malaga
City Centre



Malaga
Police

The latest UC3 large-scale trial took place during the Easter celebrations in Malaga. All first responders were equipped with a ruggedized smartphone and a dedicated application (MCx client). In the control room, located at the Municipal Emergency Center of Malaga, an officer supervised the overall situation and access administrative features of the MCS thanks to the dispatcher application. Through the application, the officer is able to locate users on a map layer, communicate with the users on field, receive the emergency situations, manage users and groups within the organization, and collect additional information such as the 5G coverage, the battery level, the operational status.

THE OBJECTIVE

Push To Talk (PPT) application capabilities of camera and audio when high number of people are connected to the same network

Key Value Indicators (KVI) in Use Case 3

ENERGY EFFICIENCY

Reduced energy use in use case configuration and impact

INCLUSIVITY

Use-cases reflect diversity of local communities they should benefit

TRUSTWORTHY

Create dependability of service for potential user
Able to perform the session successfully, no matter their location

SAFETY

The ability to use tools while keeping a focus on the final goals (saving lives and preventing harms)

RESILIENT ECONOMY

Reusing existing resources and not requiring high access cost for entry/use.

WASTE MANAGEMENT

Increases lifespan of products and services

DIGITAL INCLUSIVITY

Improve ability of all to participate in and benefit from a service.

FLEXIBILITY

Optimal Resource Allocation

PROTECTION OF HUMAN

Greater protection of citizens by better understanding, seeing, and communicating about the kinds of hazards and vulnerabilities they face.

SECURITY

Security matches sensitive nature of user and data