




**Università
degli Studi
di Palermo**



FASTWEB +  **vodafone**



**Cofinanziato
dall'Unione europea**

5G 4 A Smart Sicilian Academic Campus

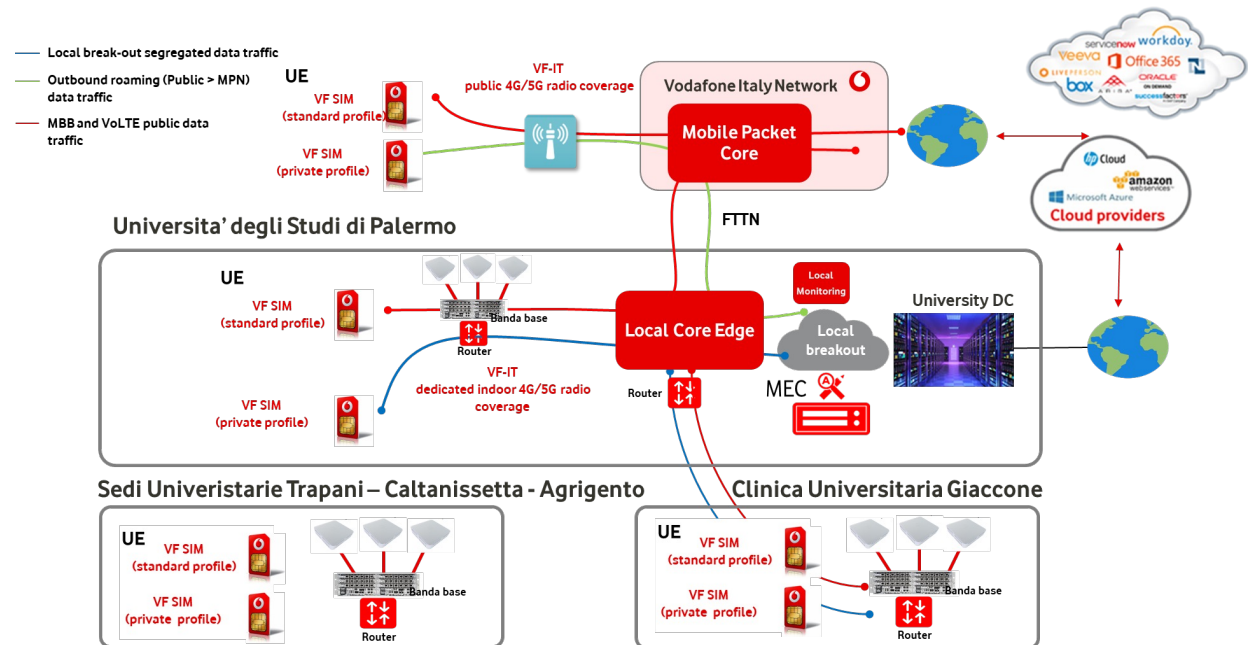
Prof. Salvatore Vitabile
University of Palermo

5G4ASSAC - Infrastructure

KEY FEATURES

- **Data transmission speeds** up to **10x faster** than current ones
- **30x to 50x lower latency** than current services
- **Limited energy consumption**
- **Massive machine communication**
- **High reliability** and security
- **Remote seamless access** to the Campus applications

ARCHITECTURE



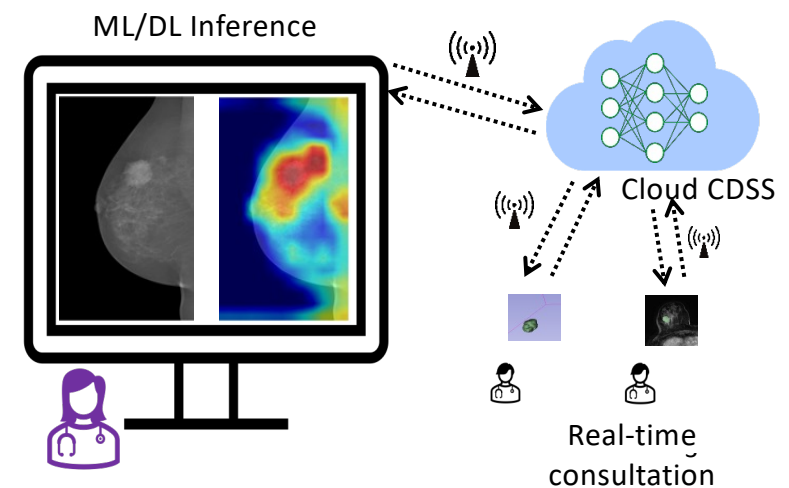
Immersive Education and real-time Telemedicine Services: Use Cases

Education



Videowall Classroom
XR Learning Platform
Mannequin based Simulation

eHealth



Medical Imaging
4k-8k real-time transfer
AI-Based Decision Support System

Project Challenges

- Use-Case centered calls
- Technology transfer triggers
- SME involvement

