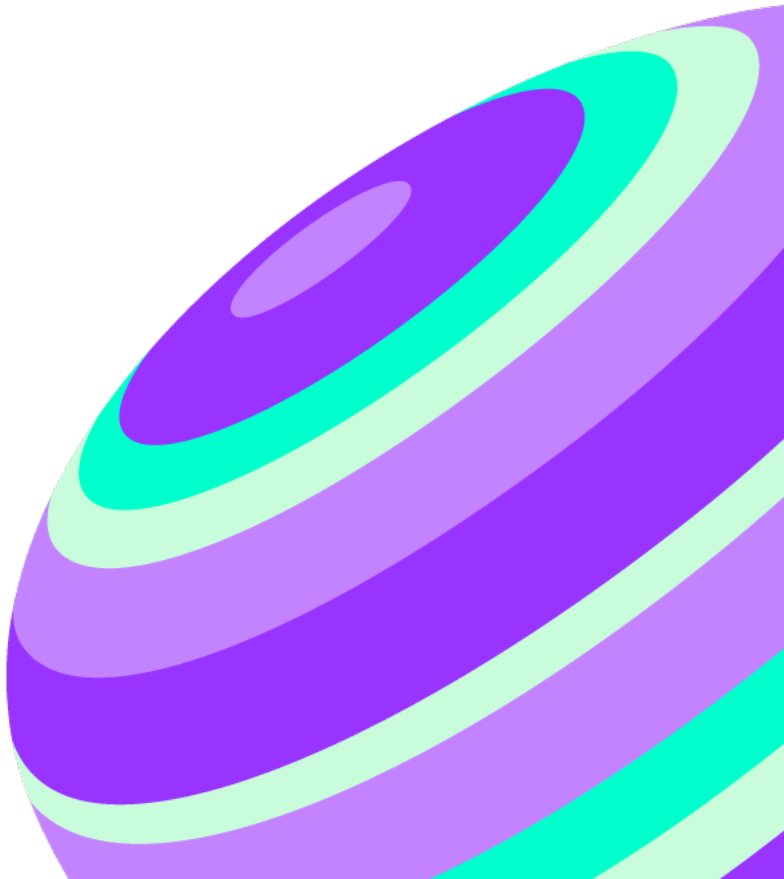
AUTONOMOUS SITE NETWORK AND CAPABILITIES

Autonomous Site -

Confined Autonomous Solution test and validation

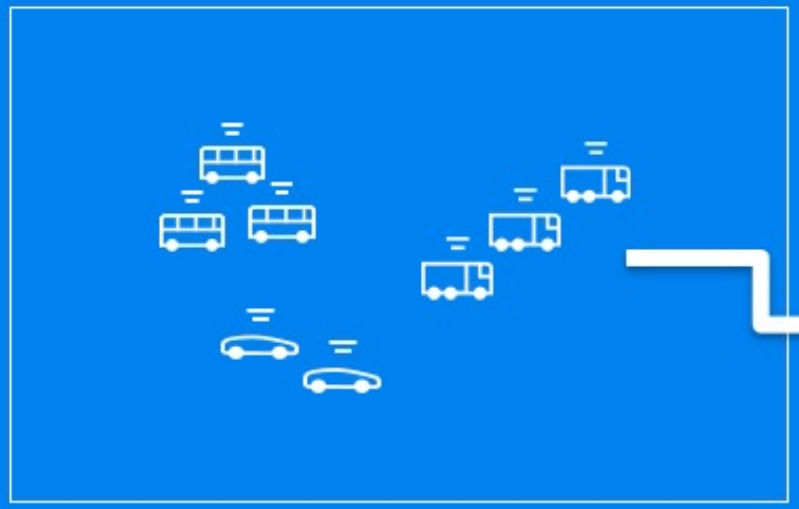


VOLVO AUTONOMOUS SOLUTIONS
TARA on its way

What is needed?

To operate fleets of highly automated vehicles

1. Connected Automated Vehicles

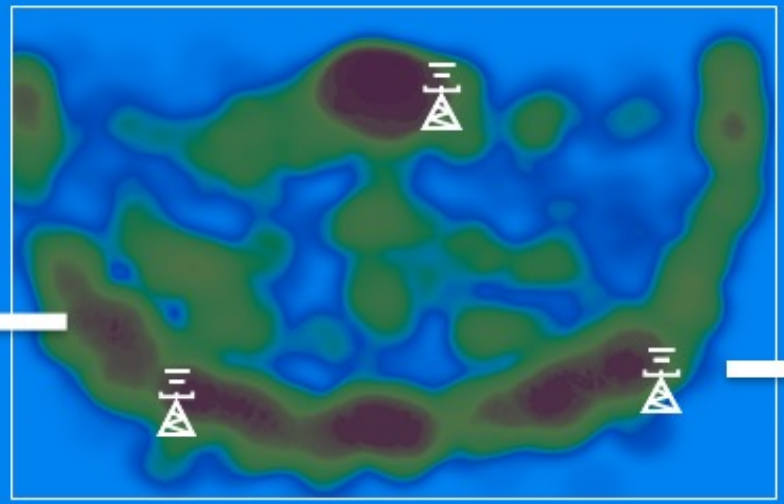


Able to drive autonomously, and

Able to be remotely operated

Able to be part of a Connected Automated Fleet

2. Cellular Connectivity

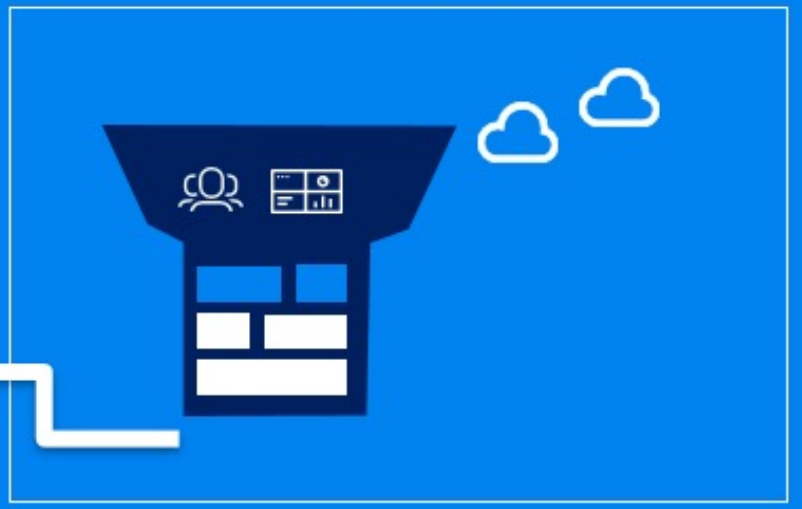


Covering area where vehicles will be operating

High capacity, low latency, secure connection, guaranteed connection

Connectivity that can be monitored and managed, and integrated with fleet operation

3. Connected Services



Services to manage fleets of automated vehicles:

Monitor and manage all connected vehicles in operated fleets

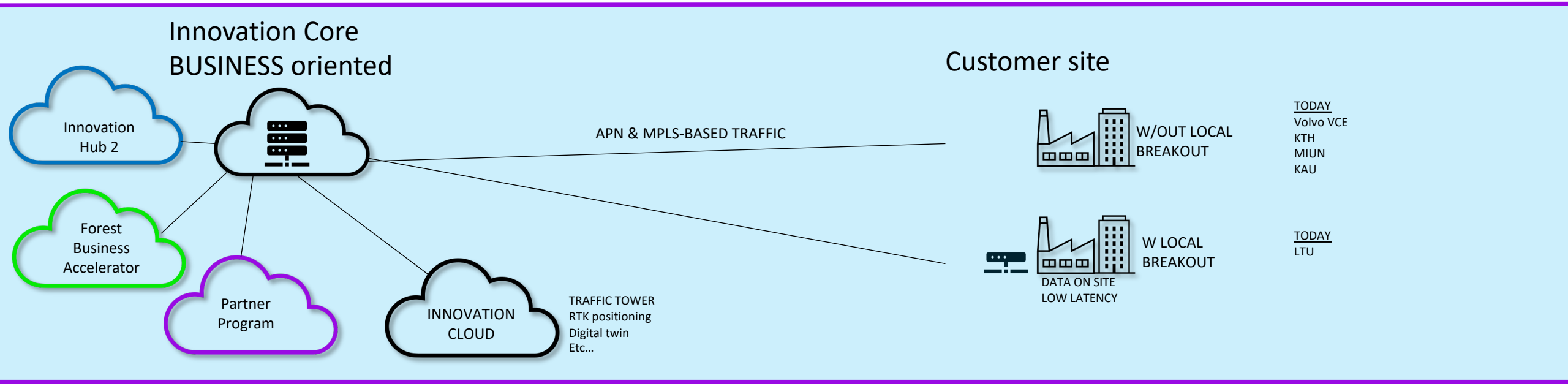
Able to remotely operate vehicles when needed

Managing connectivity and connected services

Publikt 4G nät med dedicerad täckning
Volvo Construction
Equipment Customer...
Privat 5G nät

Public

BUSINESS ORIENTED INNOVATION NETWORK

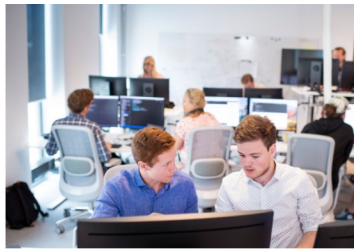


- **Knowledge exchange/sharing between Telia, academy and customers**
  - **Use 5G partnerprogram**
- **Create new echo system**
  - **Attract Innovation hubs/labs close to industry verticals**
    - **Forest Business Accelerator,**

BIZMAKER SCA IBM processum

Siemens Technology Accelerator
Building innovative businesses since 2001

SynerLeap
Powered by ABB

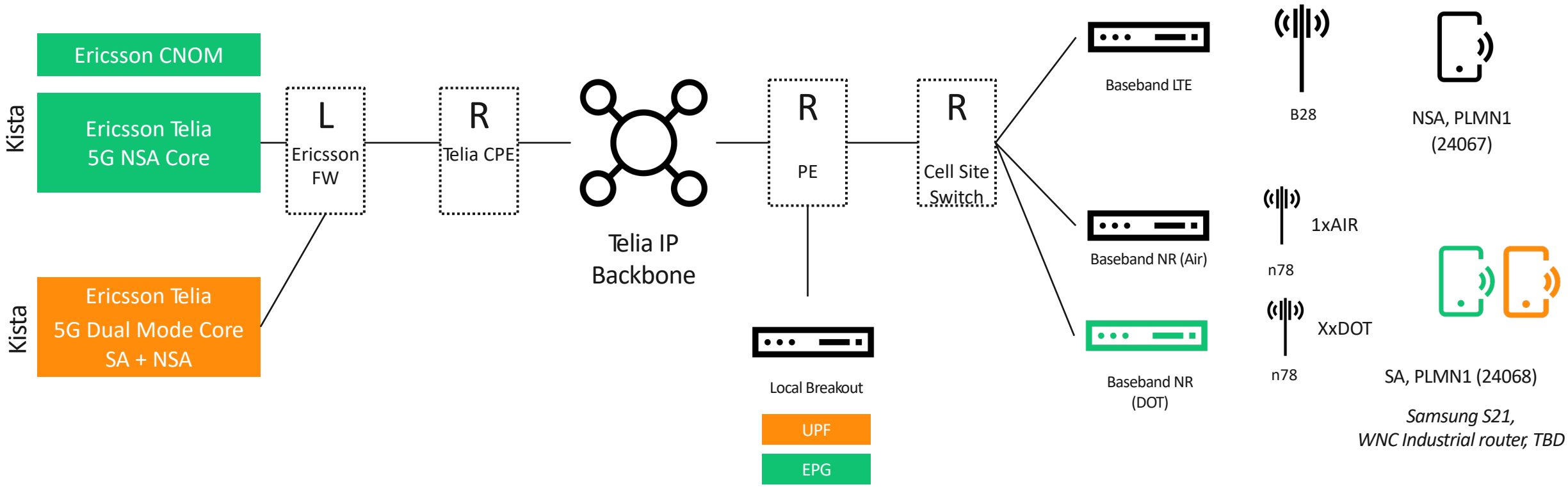


MobilityXlab

CampX by Volvo Group

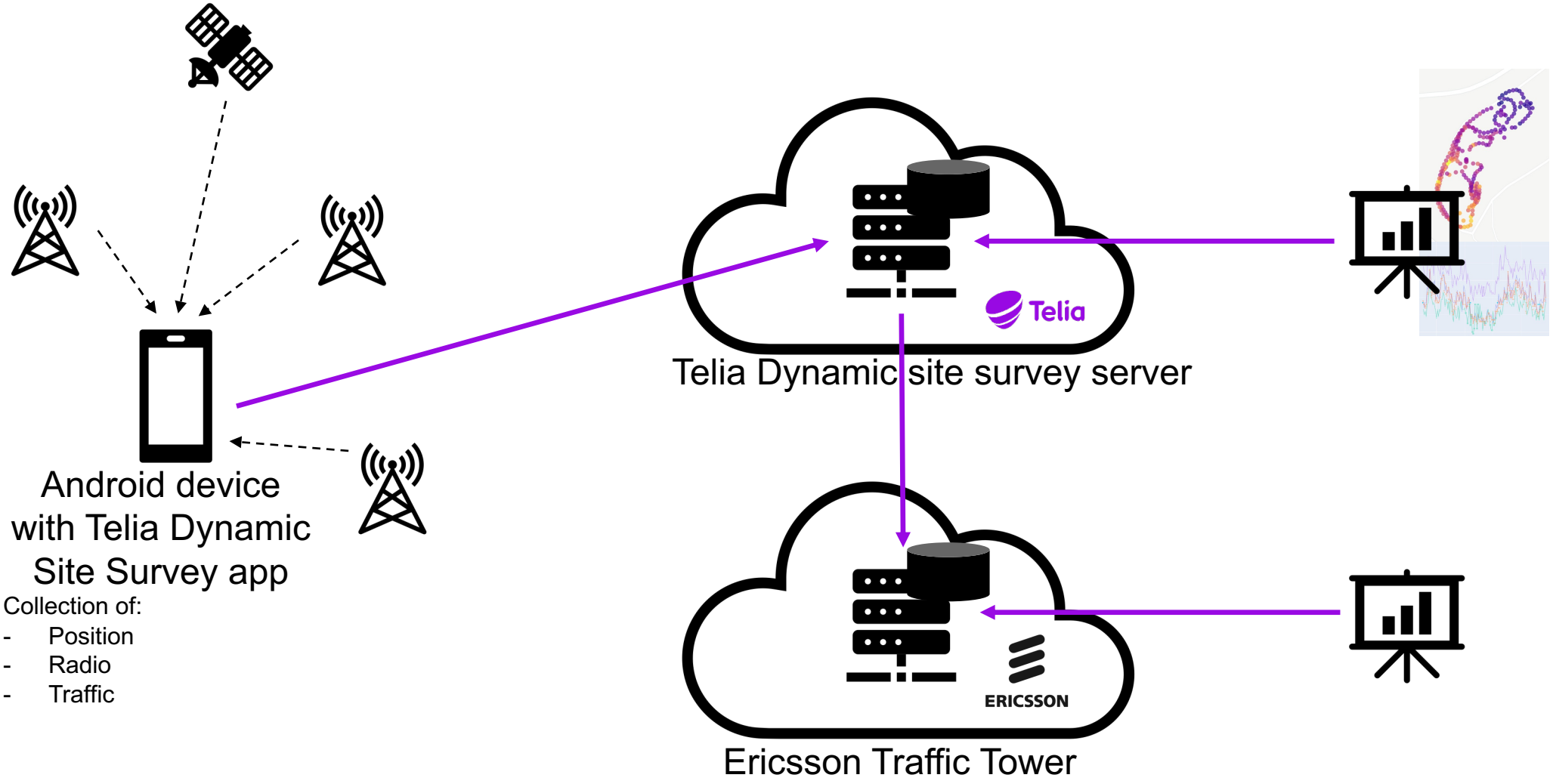
Connected Solutions Innovation Lab

Innovation Network with 5G Dual Mode Core



Commercial in confidence

ARCHITECTURE



Collection of:

- Position
- Radio
- Traffic