



# Population Density API

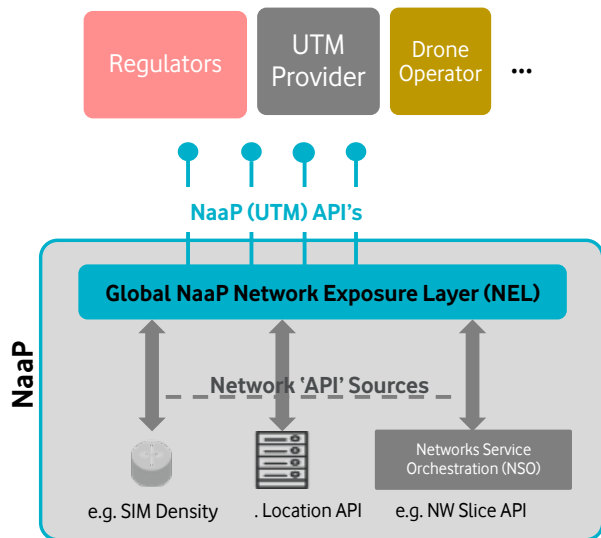
## Network as a Platform - Vodafone



# Population Density API | Vodafone Network as a Platform (NaaP)

## NaaP

- **Plug and play** access to NW capabilities
- Expose simple APIs and **abstracts** underlying network **complexity**



## Population Density API

- **Key features** Returns a GeoJSON file with areas to avoid – areas with pop density above a pre-defined threshold
  - Data available in real time as well as historical data
- **Data Sources** Network data/counters + analytics/profiling
  - Available at cell level, 50x50m tiles WIP
  - Real time availability: 15m delay best case scenario
- **Confidence Value** Reliability of the information. To be defined and make it part of the API response
  - cell level – 100% accurate for active users
  - 50x50m2 – confidence can vary
- **Scalability** CAMARA APIs can facilitate cross-operator reach
- **Privacy** Minimum number of individuals in a tile to preserve their privacy is 15 (GDPR)

