

# GEOLOCATION DATA FOR MINISTRY OF INTERIOR



## PROJECT GOAL

Data for decentralisation and improved accessibility of public services in Czechia. The outcomes describe trends and patterns of population mobility. Those are used for better distribution of services for citizens.

**CUSTOMER:** Ministry of the Interior of Czech Republic

**CONTRACTOR:** INTENS Corporation s.r.o.

**REALIZACE:** Q1 2022 – Q3 2023

## PROJECT EXECUTION

In our role of data integrator, we provided validation, quality check and integration of pre-processed anonymised data from mobile carriers O2, T-Mobile and Vodafone for 4 distinct periods in a year. For this task we have implemented specialised algorithms for processing large quantities of location data.

This use of data from mobile carriers is unique in its nearly complete coverage of the population, and methodology covering all relevant factors like multiple SIMs, virtual carriers, etc.

The project was successfully completed with a vision of future actualisations based on the same data structure.

## PROJECT OUTCOMES

The principal outcome are three complex data sets describing specific trends in mobility of the population, for each community in the country.

- Typical population and travel activity
- Travel destinations
- Daily commuting patterns, including structure of the population for each hour in a week

Part of the project was also creation of the data processing methodology.

