Intelligent Portable Control System

- iBorderCtrl enables **faster and more thorough border control** at EU Member States (MS) by deploying novel technologies that adopt the future development of the Schengen Border Management.
- iBorderCtrl designs and implements a comprehensive system that adopts mobility concepts deployed in a **two-stage-procedure (data collection pre-crossing and at crossing)**, designed to reduce cost and time spent per traveller at the border crossing station.
- The project envisages an optimal mixture of an enhanced but **voluntary form of a Registered Traveller Programme** and an auxiliary solution for the Entry/Exit System based on involving bona fide travellers.

This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 700626.
iBorderCtrl focuses on the land border crossing points: road, walk way and train stations

State-of-the-art Solutions

Specific Objectives

- **Significantly increase the efficiency and security** in terms of traveller throughput and fewer illegal crossings;
- **Reduced time at the border** by utilising the portable traveller devices and portable units;
- **Utilize a pre-registration step** to better inform travellers of their rights, the travel procedures, data collected and analysed as per EU and national legal requirements;
- **Increasing scalability and reducing the workload and subjective errors** caused by human agents;
- **Increase the objective control** with automated means that are non-invasive and do not add to the time the traveller has to spend at the border;
- **Create a fifth tier** for the four-tier access control model of the Integrated Border Management System involving bona fide travellers and regular travellers into a Schengen-wide frequent traveller programme.