ITTI’s propositions of use cases to ICT-19 projects

Piotr Tyczka / email: Piotr.Tyczka@itti.com.pl
ITTI Sp. z o.o. / ul. Rubież 46, 61-612 Poznań, Poland

- **SME** – founded in 1996, ca. 60 persons

- **Main activities:**
  - development of **customised software solutions and innovative applications**
  - **applied R&D** activities in the area of ICT

- **Extensive experience in international R&D projects:**
  - EC (5FP, 6FP, 7FP, H2020) – over 30 projects
  - EDA – ca. 10 projects, ESA – over 10 projects

- **Awards:**
  - “**Cristal Brussels Prize**” 2006, 2010, 2013, and 2018 for the most active and successful Polish SME activity in EC Framework Programmes
SMART CITY & PUBLIC SAFETY VERTICALS USE-CASE #1

Citizen’s smartphone
- Incident description
- Video recording
- Location data
- Evaluation of urgency
- Voice/video communication with assigned guard

Virtual network function
- Assigning incident to city guard in the neighborhood
- Evaluation of reporter reliability
- Queing of reports
- Storing videos/transcoding/livestreaming

City guard smartphone
- Most urgent incident description
- Preview of incident recording
- Evaluation of report validity
- Voice/video communication with reporter

Supervisor

Voice/video communication with assigned guard and with reporter
SMART CITY & PUBLIC SAFETY VERTICALS USE-CASE #2

Citizen’s smartphone (content creator)
- Reporting about city transport problems
- Event’s sharing
- Warning against dangerous situations
- Private transport searching

Virtual network function
- Queing of reports (based on receivers location and evaluation)
- Transcoding and storing video
- Private transport organization

Supervisor

Public transport data

Public transport information

Citizen’s smartphone (content receiver)
- Displaying reports
- Evaluation of messages
- Private transport searching