beAWARE

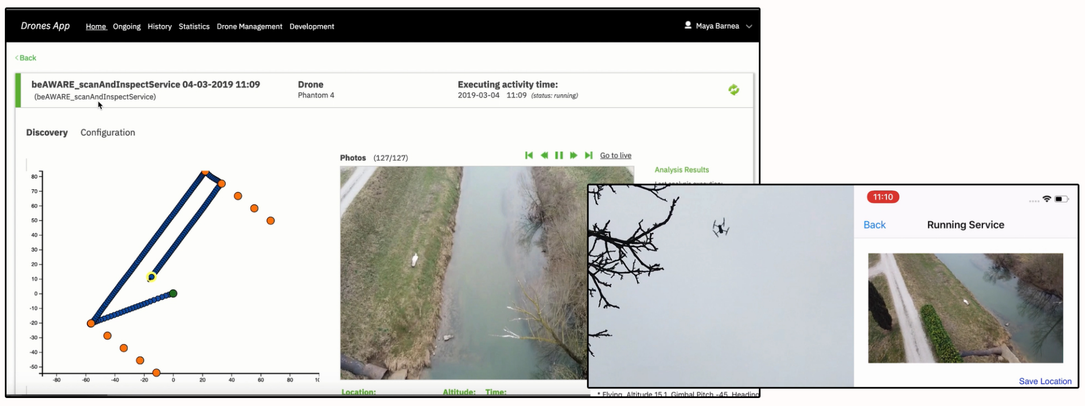


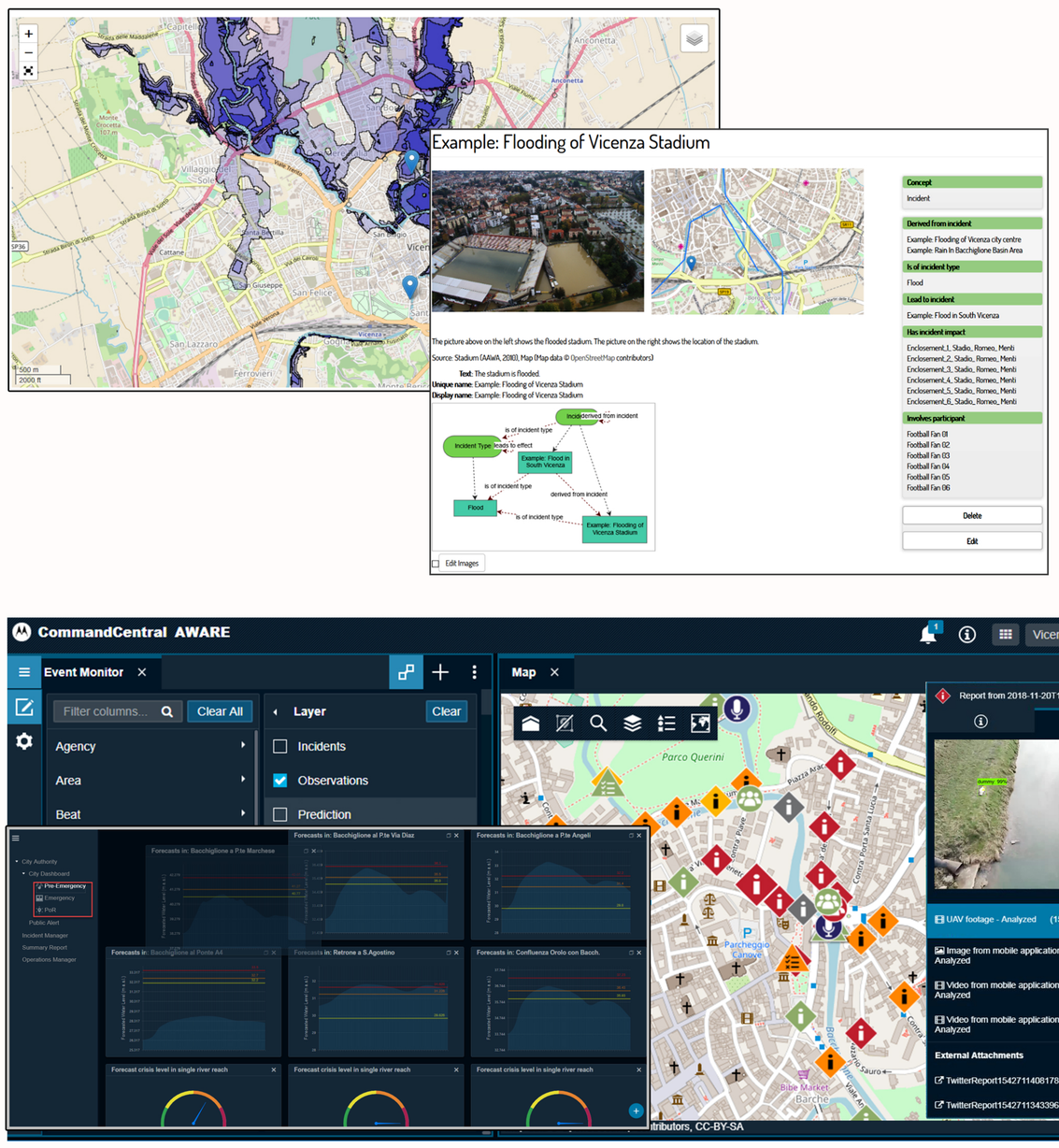
Vision

In every crisis, incident time is the enemy and getting accurate information about the scope, extent and impact of the disaster is critical to create and orchestrate an effective disaster response and recovery effort. The vision of beAWARE is to provide support in all the phases of an emergency incident caused from extreme weather conditions, using a wide variety of technologies and tools to assist the work of disaster planners and emergency responders.

Overall goal

beAWARE promotes integrated solution to support forecasting, early warnings, transmission and routing of the emergency data, aggregated analysis of multimodal data and management the coordination between the first responders and the authorities. Getting the right people and resources to the right place at the right time will be the essence of the command and control aspect of the disaster response for beAWARE.

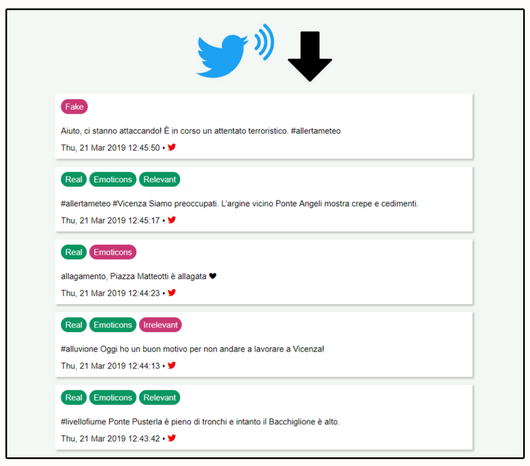


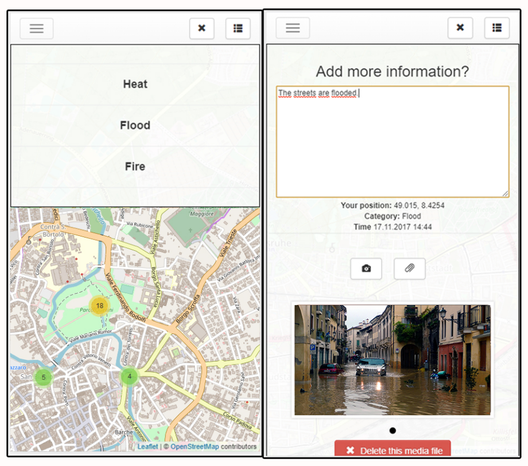


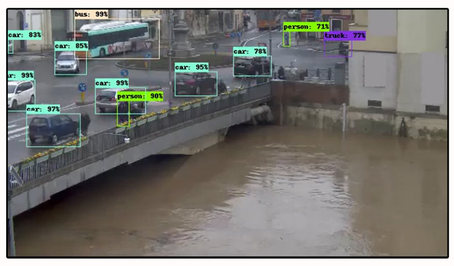
Objectives

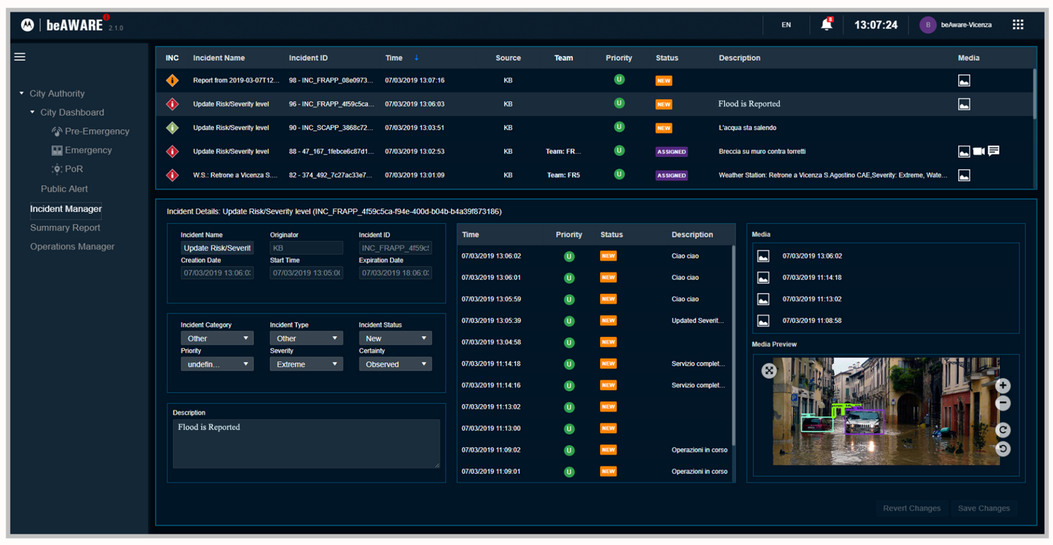
The objectives of the project are:

- Multilingual speech and written communication analysis in emergency calls.
- Aggregate multimodal information from first responders, sensor networks, meteorological stations, drones and social media for decision support and validation purposes and issue early warnings.
- Visual context analysis during emergency calls.
- Semantic integration of multimodal information from the emergency calls, M2M/IoT.
- Platforms and social media for decision support and generation of early warnings.
- Multilingual report generation from aggregated emergency data.
- Research & development of Main Public Safety Answering Point (PSAP) for emergency multimedia enriched calls.









Results

- Enhanced decision support and early waning services based on previous crisis management records and aggregated multimodal analysis.
- Shorter reaction time and higher efficiency of reactions.
- Improved coordination of emergency reactions in the field including the use of adapted technologies.
- Contribution to the European Policy for crisis management and risk assessment.

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