

PROJECT

System for Advanced Field and Emergency Response

COUNTRY

Portugal

CLIENT

Tecmic SA
Av. Prof. Doutor Cavaco Silva 13
2740-120 Porto Salvo
Portugal

PARTNERS

Technical University of Lisbon
INESC

DATES

November 2010 - October 2012

MAIN TASK

Software development, including database integration and all map visualization. Numerical model integration and user training.

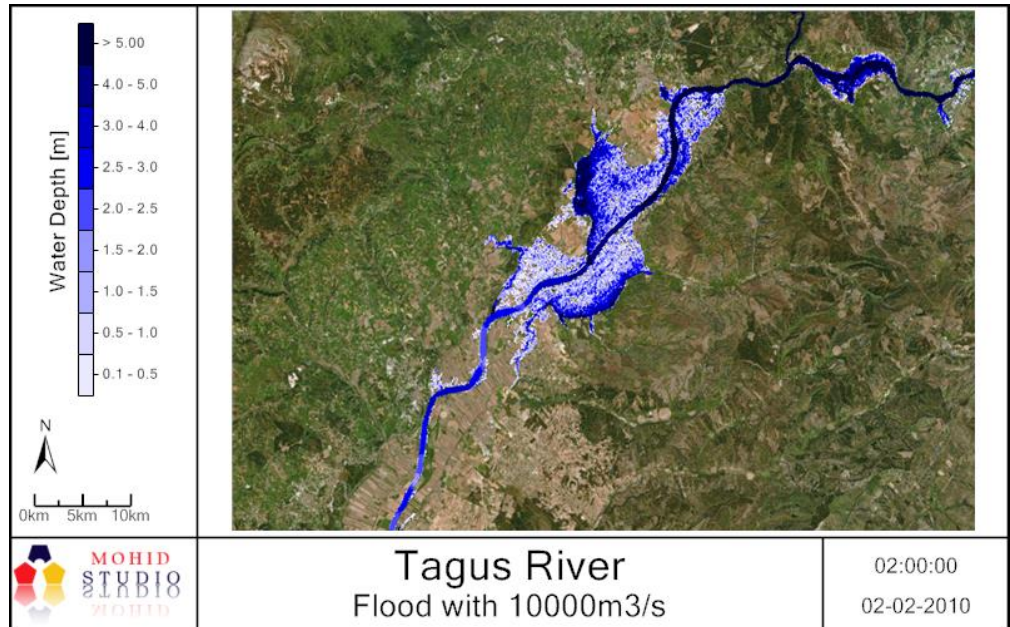
SOFTWARE & SUPPORT

Action Modulers offers a wide range of customizable software products. We also provide professional support to implement your projects.

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System for Advanced Field and Emergency Response



The SAFER project, co-funded by the Portuguese National Research Foundation, had the objective to develop an integrated platform for the management of operating theaters, incorporating the following components:

- Hardware and software for (emergency) vehicle tracking;
- Video surveillance cameras, remotely controlled by the platform;
- Detailed numerical weather predictions and near real time observations;
- Software for logistics management for all means;
- Numerical models for the simulation of forest fires, floods, oil spills, toxic discharges and location of dead bodies drifting in coastal waters.

ACTION MODULERS has been involved in the project and has been responsible for several tasks, including:

- The development of the software architecture of the entire system;
- Integration of all numerical models;
- Implementation of numerical models for riverine floods and urban floods (MOHID Land), oil spill simulations and dead body tracking (MOHID Water);
- Downloading, conversation and visualization of radar images;
- Development of the virtual emergencies and the logistics module;
- Training sessions.

