

# HeERO – Activities performed by Electronic Solutions

Interfacing the PSAP with the Traffic Information Centre



# ELSOL background

- **Electronic Solutions** is an engineering and consultancy company grounded in 1991 focused on Intelligent Transport Systems (ITS) and Communications fields.
- Main activities
  - consultancy and design services mainly for Automotive and Waterborne Transport fields
  - design and implementation of small scale Integrated Systems, Test Systems, Pilot Projects and Demonstrators

# ELSOL background – cont.

Relevant projects related to traffic and emergency

- Consultancy and design

Defining specifications and project implementation monitoring for:

- Traffic Management Systems in cities like Bucharest, Galați, Ploiești
- Traffic Management and Traveler Information Centre on A1 Motorway

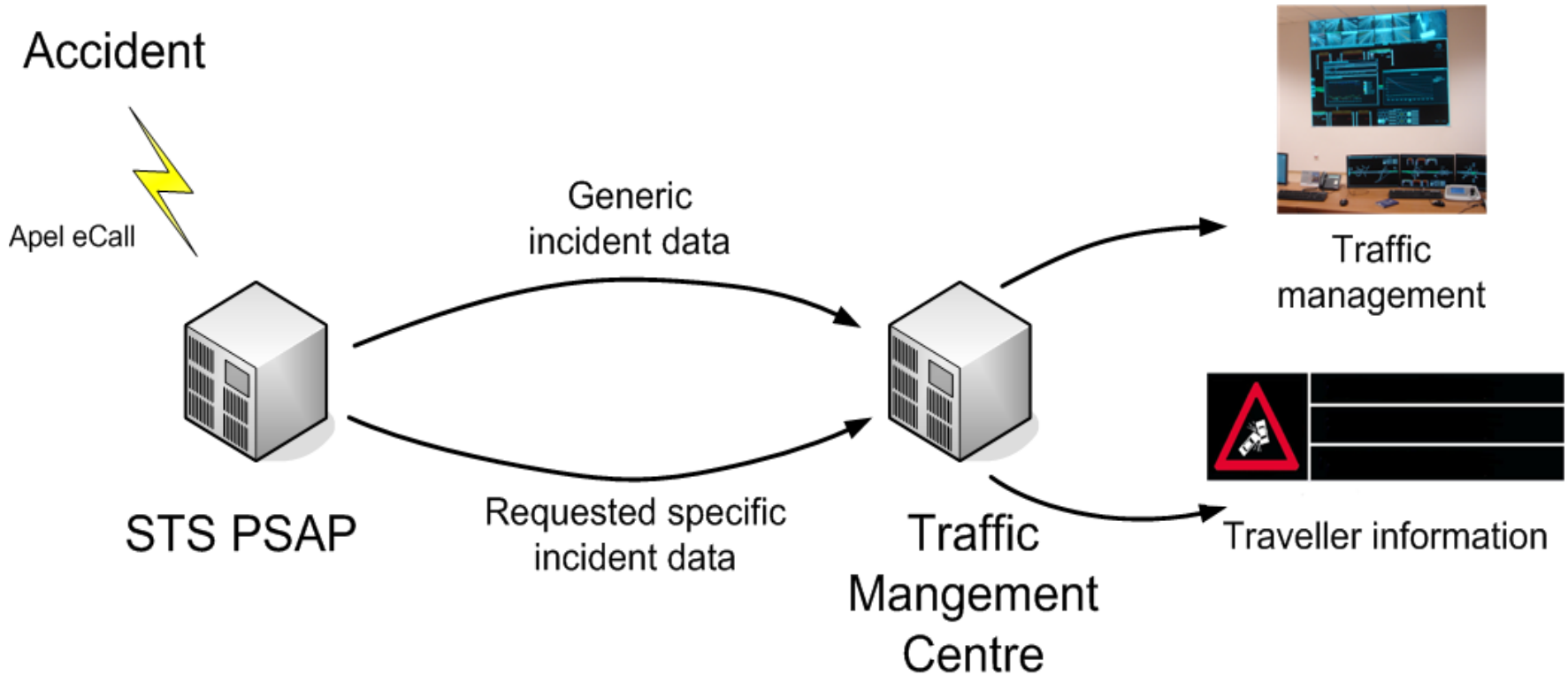
- Systems deployed

- Information system for emergency situations using RDS messages

# Main activity in HeERO

- ELSOL is in charge of interfacing the 112 PSAP with the Traffic Information Centre
- We will create the specifications for the new equipment that will be installed in the Traffic Centre
- We will develop the software needed for integrating in the Traffic Centre, the information coming from the 112 PSAP

# System architecture



# Traffic Information Centre

- The Traffic Centre currently monitors the A1 motorway
- The system uses a diversity of monitoring and traveller information technologies
- The centre manages a video monitoring system, a weather forecasting system, an incident detection system and a traveller information system





# WP2 – Implementation

- Analyze the PSAP interface with other 3rd Party Systems
- Data requirements and solution design for data exchange
- Development and implementation of the software solution
- Define test scenarios

# WP3 – Operation

- Evaluate the solutions for sending needed information to the Traffic Information Centre
- Collect data regarding the performed tests



# WP4 – Evaluation

- Evaluate the solutions for exchanging needed information for the Traffic Information Centre
- Define KPIs and test methodology for the interface with the Traffic Centre
- Processing the test results
- Provide recommendations

# Thank you!

Sorin DUMITRESCU – Electronic Solutions

E-mail: [sorin.dumitrescu@elsol.ro](mailto:sorin.dumitrescu@elsol.ro)

Tel.: +40 722 233 554

For more information please visit [www.heero-pilot.eu](http://www.heero-pilot.eu)