

EasyWay



Annual Forum 2010



Shortcut to the future.

Lisbon • November 16th-18th



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Use of Datex
standard for traffic
management



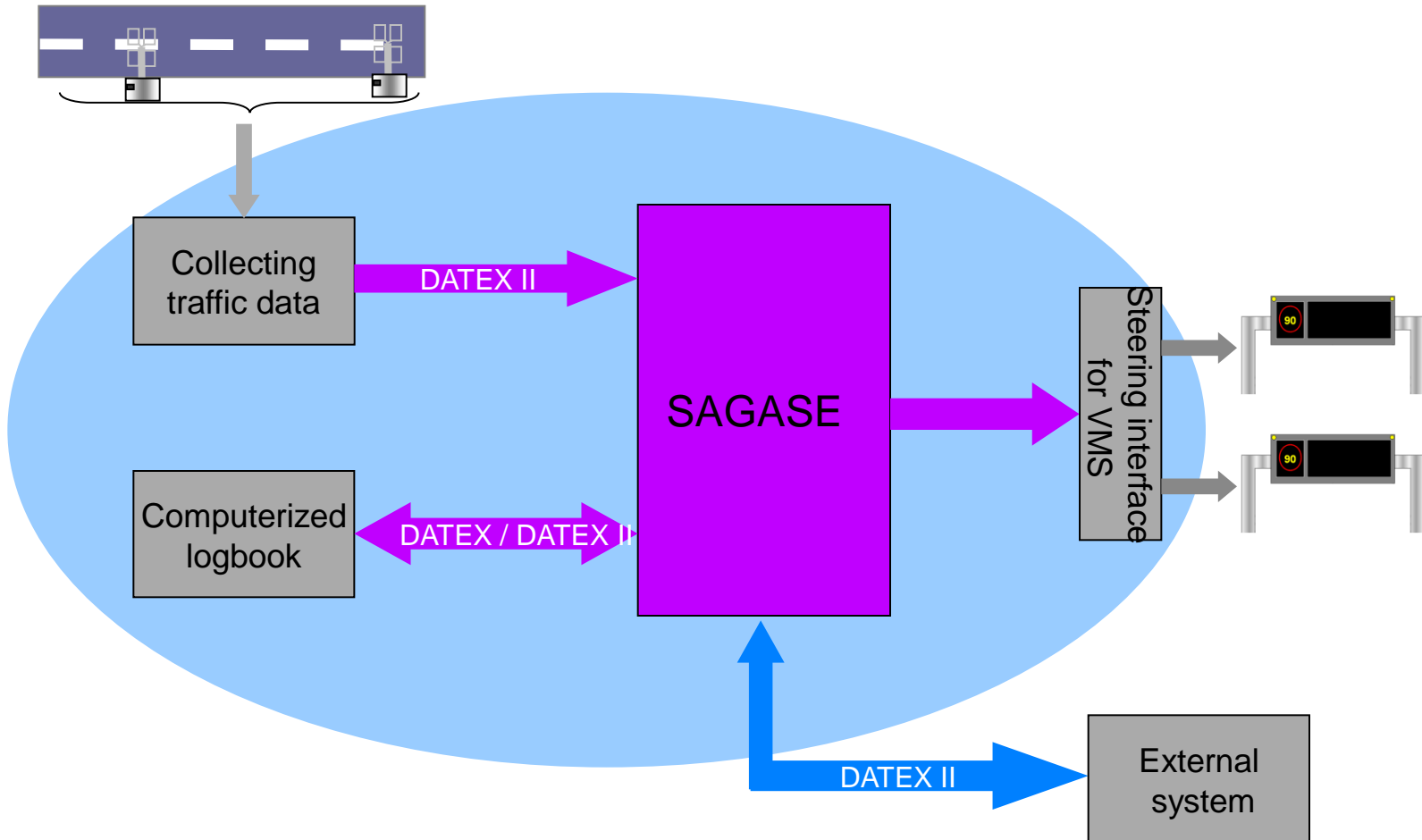
Introduction

Project for a decision-aid system for traffic management which:

- generates messages according to traffic conditions or events occurring on the road network,
- uses the datex standard (V1 and V2) as exchange protocol.



System architecture





System architecture (2)

This system is made up of 2 modules:

- EVTAUTO for automatic generation of traffic jam messages,
- POLEX for operational strategies management.

It relies on a location referencing system and on a data base.

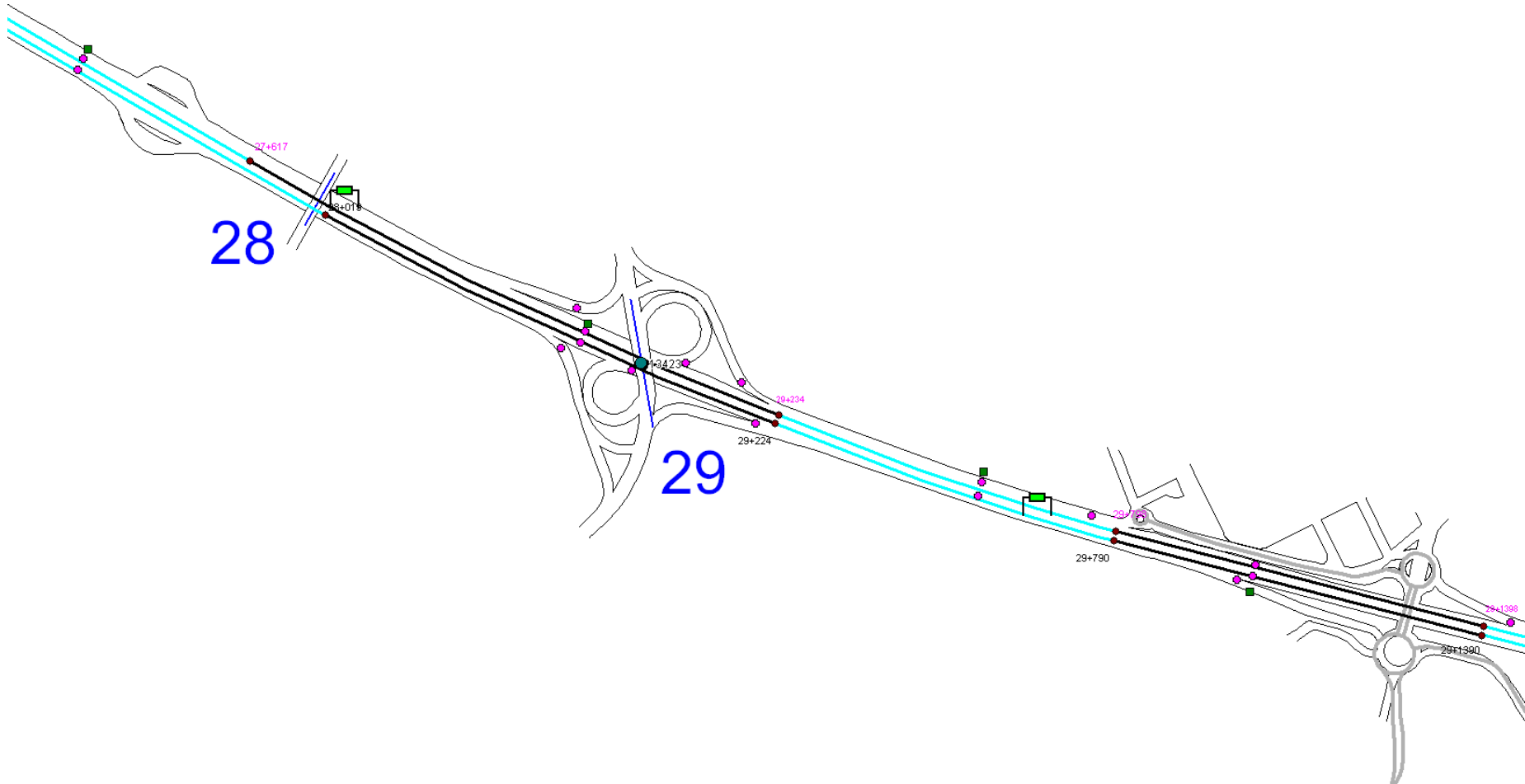


Location referencing

- Splitting of the network into sections
- Localization of all sections and various traffic management equipment
- Three types of location referencing data:
 - ALERT-C,
 - Marker along linear element,
 - X,Y coordinates.

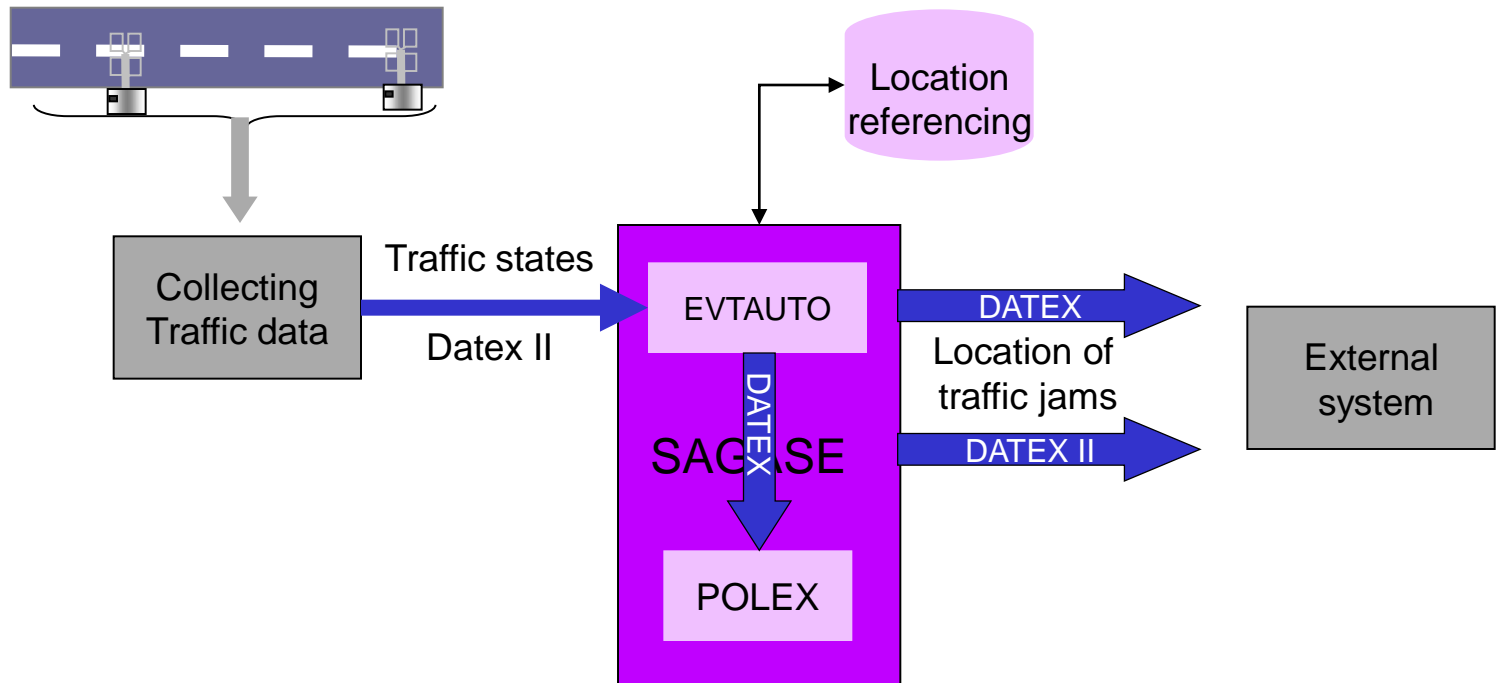


Location referencing (2)



System modules

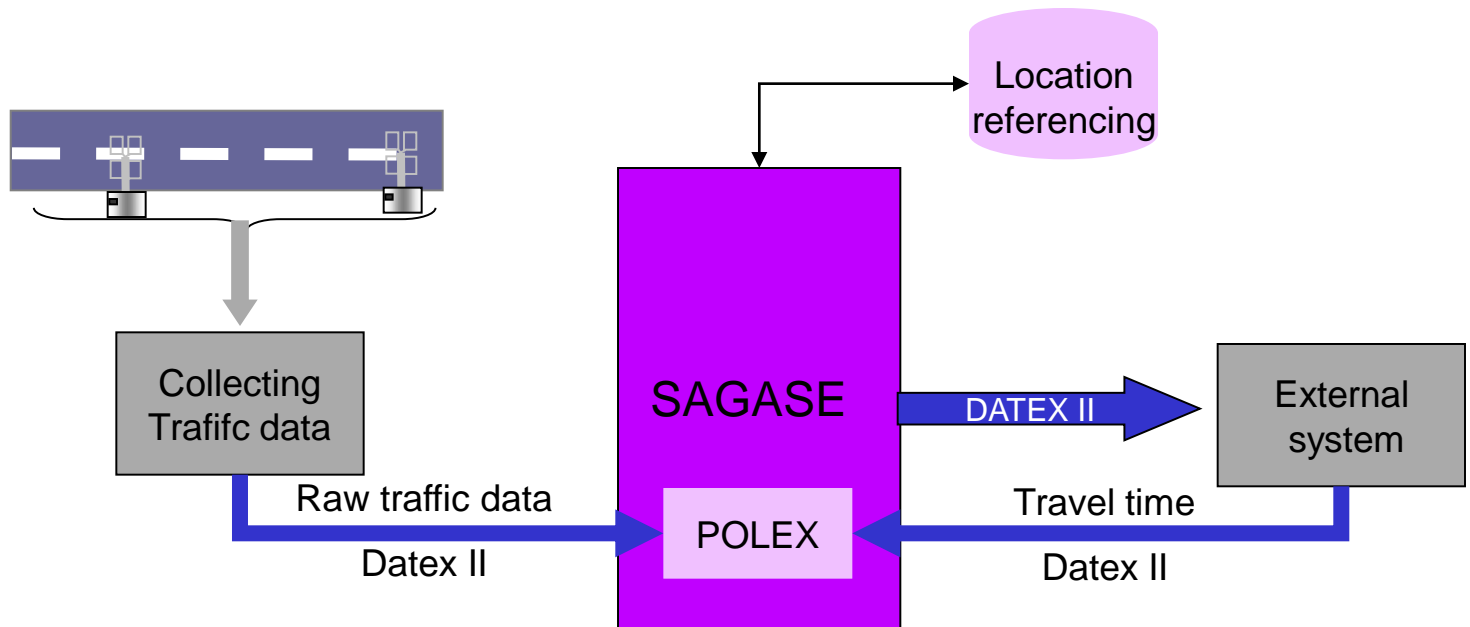
- **EVTAUTO** for automatic generation of traffic jams





System modules (2)

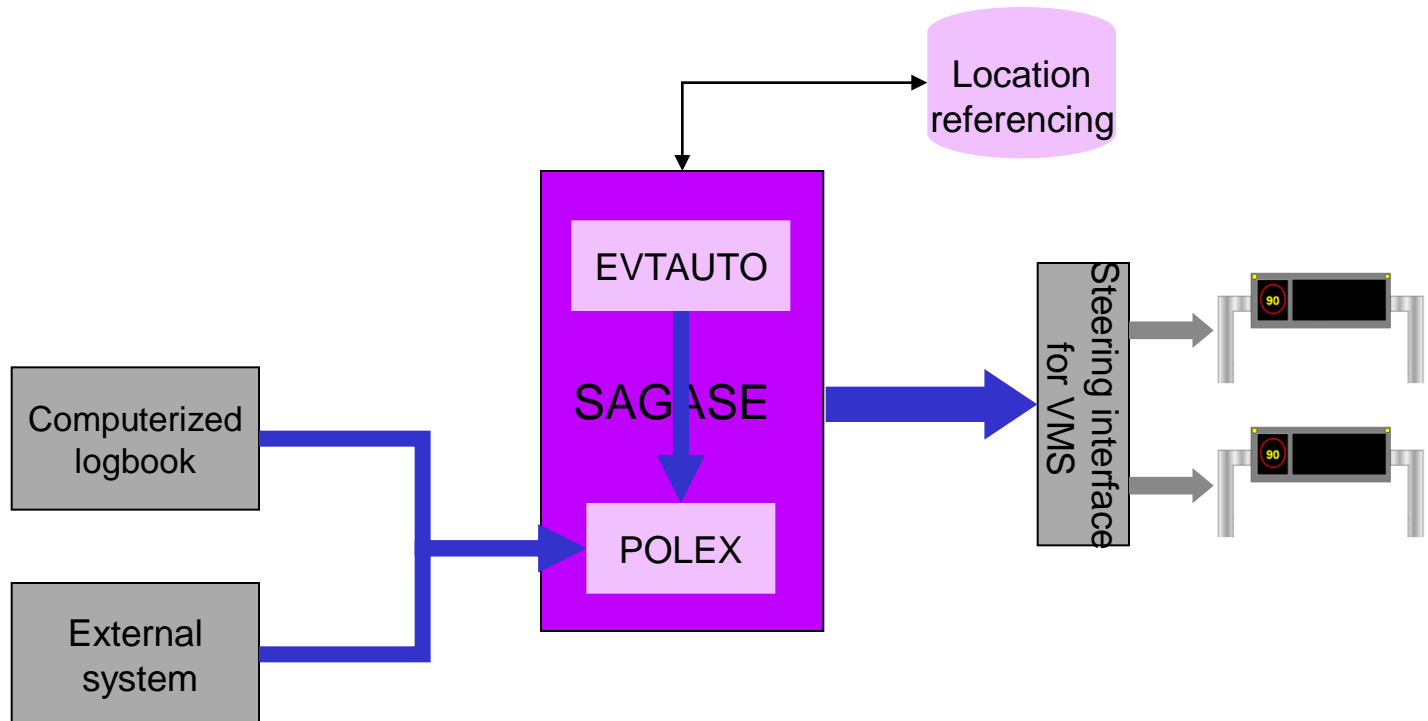
- **POLEX for operational strategy management**





System modules (3)

- **POLEX for operational strategy management**





Conclusion

Sagase is an evolution of open source products which makes it a low cost solution for the traffic management centre.

This presentation will be completed with a real time demonstration on stand 18 at this EasyWay Forum.



Thank you for your attention