



Feedback loop deployment for detecting and reporting map deviations

Up-to-date map data are essential for current and future in-vehicle ITS applications, in particular Advanced Driver Assistance Systems (ADAS) and navigation applications.

The digital maps are seen as a new type of sensors for the vehicles and could contribute to detect objects or dangerous curves beyond the horizon of the driver (and sensors). ADAS applications relying on map data need to be guaranteed of a certain level of reliability and accuracy in order to provide safe and efficient services.

Today, there is a delay of approximately at least 6 months between a road network modification and its introduction into the digital map. This could be shortened, if the in-vehicle ADAS applications themselves detected and recorded the deviations and informed the map data providers.

The objective of the project is to assess the technical and economic feasibility of map data correction by providing a map data feedback loop applied to a map data updating framework using the ActMAP standardised exchange formats and mechanisms.

FeedMAP milestones ahead:

- October 2006: Requirements and strategies for map feedback (public)
- March 2007: First FeedMAP Specifications
- February 2008: Testing results of the FeedMAP concept
- October 2008: Validation and final results

Invitation to the first FeedMAP User Forum on Requirements for Map Deviation Feedback 5 October 2006, 9:30-16:30 • ERTICO - Brussels, Belgium

The EC-supported FeedMAP project will hold a 5 October Forum Workshop at ERTICO to present its concept for map data feedback loops applied to the ActMAP framework. The FeedMAP project aims to build a cooperative map feedback and updating framework improving the cooperation between data owners and data users. This framework will contribute to creating a sustainable source of map updates at a reduced cost.

The event is free-of-charge and open to all interested parties. The requirements for map deviation feedback represent the first milestone for the future of cooperative map updates and deal with new roads, changes in road geometry or speed limit changes and other value-added information.

At the workshop, the requirements for the map deviation feedback will be presented and key aspects of the FeedMAP framework will be discussed. The results of the discussion within the Forum will be included in the final version of FeedMAP's report on requirements.

FeedMAP

Workshop objectives:

- Introduce the FeedMAP framework
- Present the requirements for map deviation feedback
- Initiate discussions on in-vehicle map deviation detection and its architecture as well as map deviation aggregation and map deviation reporting to map providers and public authorities

Workshop programme:

09:30	Registration and coffee	13:30	FeedMAP requirements for map deviation
10:00	Welcome and introduction to FeedMAP	14:00	Discussion on FeedMAP framework
10:10	Introduction to the FeedMAP/ActMAP concept		<ul style="list-style-type: none">• In-vehicle map deviation detection, its architecture and connectivity (aimed at OEMs and equipment providers, network/service providers)• Map deviation aggregation and reporting to map providers and public authorities (aimed at map providers, public authorities and service providers)
	<ul style="list-style-type: none">• Vision from map providers• Vision from end-user applications• Vision from Public Authorities		
11:15	Interactive session on map deviation feedback types	15:30	Break
11:45	General FeedMAP framework	15:45	Presentation of FeedMAP test sites
	<ul style="list-style-type: none">• Roles of stakeholders• Selected use cases	16:15	Presentation of FeedMAP's next steps
12:30	Lunch	16:30	End of workshop

PROJECT CONSORTIUM



BMW Group
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DAIMLERCHRYSLER

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Register for the FeedMAP User Forum Workshop

The FeedMAP/ActMAP Forum is open to all organisations interested in incremental map updates with feedback loop in future in-vehicle applications or services. Membership is free and offers participants the opportunity to closely follow the progress of FeedMAP and directly communicate with the project's core team. If you would like more information about FeedMAP and its follow-up and/or wish to participate in the next phase of the FeedMAP/ActMAP Forum, please contact ERTICO Project & Development Managers Maxime Flament (m.flament@mail.ertico.com) or Stefan Luer s.lueer@mail.ertico.com).

Please note that there is limited availability for the 5th October FeedMAP Forum Workshop.

* I would like to be added to the FeedMAP/ActMAP Forum mailing list in order to follow the latest information about map actualisation

I would like to attend the FeedMAP/ActMAP Forum Workshop, 5 October 2006 (9:30-16:30) at ERTICO

**If you were already registered for the ActMAP Forum, just complete the name, date and signature section of this form.*

Name: _____

Organisation: _____

Position: _____

Telephone: _____

Fax: _____

E-mail: _____

Address: _____

Date and Signature: _____

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How to get there?

From the airport

Take a taxi (20-25 minutes depending on the traffic situation) or the airport train to either one of the train stations below.

From Midi/Zuid train station

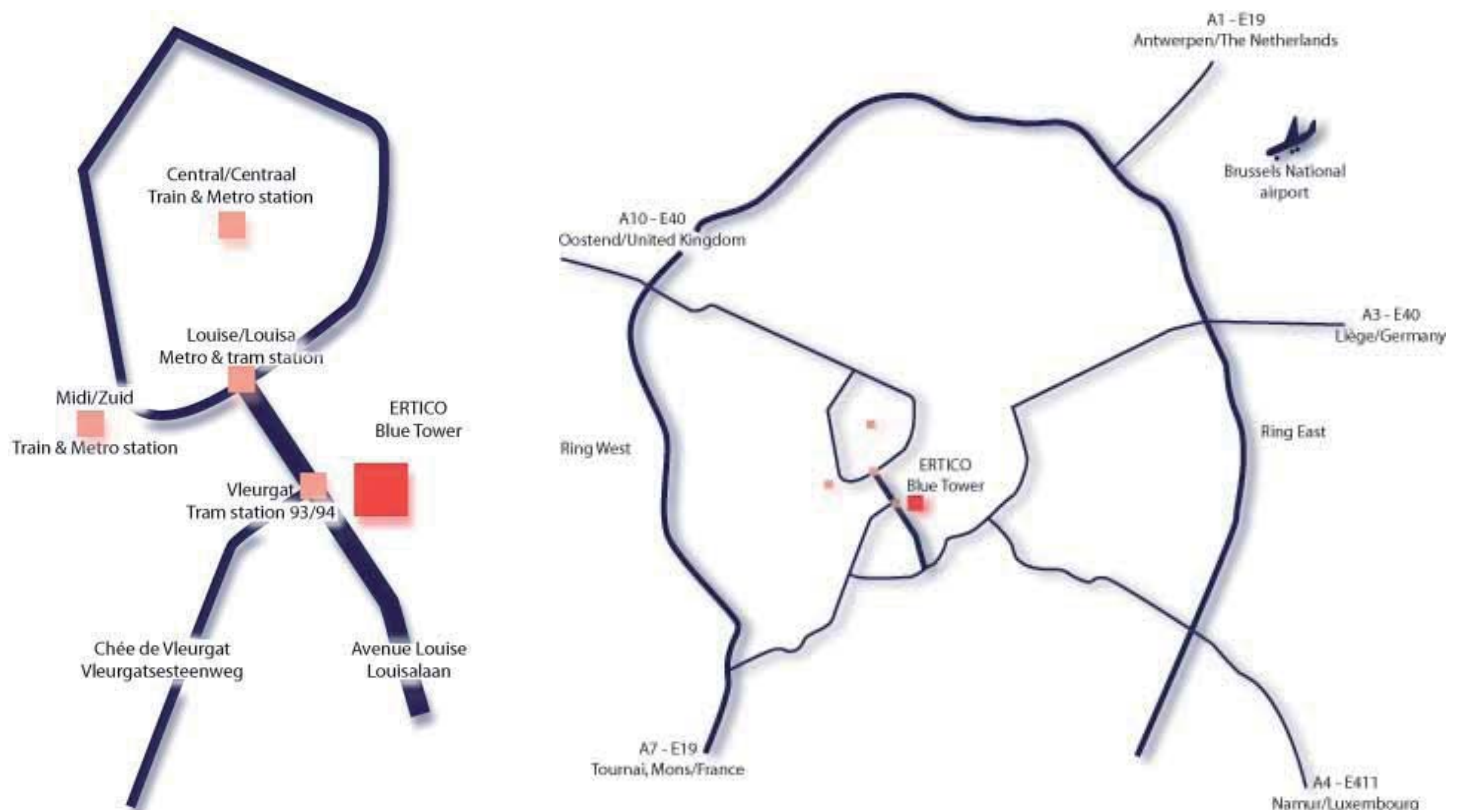
Take the Metro Line 2 (direction Simonis) to Louise/Louiza

Transfer to either Tram 93 (direction Marie-José) or 94 (direction Wiener) and exit at the Vleurgat tram stop.

From Central/Centraal train station

Take Bus 38 (direction Homborch) or Bus 60 (direction Vivier d'oise/Diesdelle) and exit at the Vleurgat bus stop.

Parking: If you have already arranged parking beforehand with ERTICO, please use the Blue Tower's parking entrance on Rue Vilain XIII.





Preferred hotels (negociated rates):

Hotel Capital ***

191 Chaussée de Vleurgat
1050 Brussels
Tel: +32 (0)2 646 64 20
Fax: +32 (0)2 646 33 14
ERTICO rate: 95€ breakfast included

Hotel NH Brussels City Centre ****

17 Chaussée de Charleroi
1060 Brussels
Tel: +32 (0)2 539 01 60
Fax: +32 (0)2 537 90 11
www.nh-hotels.com
ERTICO rate: 95€ (breakfast: 19€)

NH Brussels Alfa Louise ***

212 Avenue Louise
1050 Brussels
Tel: +32 (0)2 644 29 29
ERTICO rate: 118€
www.nh-hotels.com
(undergoing renovation works)

Other hotels near ERTICO:

Hotel Agenda Louise ***

Rue de Florence 6/8
1050 Brussels
Tel: +32 (0)2 539 00 31
www.hotel-agenda.com

Hotel 4 Points (Sheraton)****

Rue Paul Spaak 15
1050 Brussels
Tel: +32 (0)2 645 61 11
www.sheraton.be

Conrad International*****

71 Avenue Louise
1050 Brussels
Tel: +32 (0)2 542 42 42
Fax: +32 (0)2 542 42 00
www.ConradHotels.com
brusselsinfo@conradhotels.com

Hotel Bristol Stephanie****

91-93 Avenue Louise
1050 Brussels
Tel: +32 (0)2 543 33 11
Fax: +32 (0)2 538 03 07
www.bristol.be

Holiday Inn*****

Chaussée de Charleroi 38
1060 Brussels
Tel: +32 (0)2 533 67 35
Fax: +32 (0)2 538 90 14
www.ichotelsgroup.com/h/d/hi/1/en/hd/brucc

Le Châtelain****

Rue du Chatelain 17
1000 Brussels
Tel: +32 (0)2 646 00 55
Fax: +32 (0)2 646 00 88
www.le-chatelain.net

HYATT Warwick Barsey Brussels*****

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1050 Brussels
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www.warwickbarsey.com

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