

THE FRENCH – SPANISH EXPERIENCE

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Index



1. Objectives
2. Different ways to reach them
3. ASF/BIDEGI
4. Dual contract OBU
5. SANEF/**abertis** pilot
6. ASF/**abertis** pilot
7. Next steps
8. Beyond the ETC Interoperability

1. Objectives

- Provide a better service to our clients.
- Achieve the full interoperability between France and Spain (2011) that is, the total acceptance of VIA-T OBUs in the French toll plazas and TIS PL and VL in the Spanish ones.
- Prepare the future European Interoperability EETS(2012):
 - *one contract*
 - *one OBU*
 - *one invoice*
 - *no monopoly for any issuer*
- Improve the traffic conditions (less congestion)
- Increase the use of ETC for paying tolls.

2. Different ways to achieve them

- Agreement between 2 motorways operators: **ASF/BIDEGI**.
- Agreement between 2 motorways operators and 2 specific issuers of each country: **abertis/SANEF** pilot.
- Agreement between 2 issuers of each country: **Dual Contract OBU**.
- Agreement between 2 motorways operators and the whole or part of the issuers of each country: **ASF/abertis** pilot.

3. ASF/BIDEGI



- Motorways:
 - A63 and A64 in France (ASF)
 - A8 in Spain (BIDEGI)
- Light Vehicles only.
- Number of users: 50.000
- Results:

	France	Spain
Peak day transactions	6.000	1.300
Starting date	Mar 2007	Mar 2007
Foreign issuers	All financial VIA-T issuers	ASF Liber-t Ocean

4. Dual Contract OBU



- Scope: whole France and Spain.
- Heavy Vehicles only.
- 2 Contracts in one device.
- Number of vehicles: 20.000 approx.
- Issuers involved:

	<i>VIAT-T</i>	<i>TIS-PL</i>
<i>Number of issuers</i>	<i>3 (petrol card issuers only)</i>	<i>4</i>

5. abertis/SANEF pilot

- Motorways length (pilot):
 - 1.450 Km in France
 - 1.090 Km in Spain
- Heavy Goods Vehicles only.
- OBU sample size per issuer < 100 u
- Results:



	France	Spain
Monthly transactions	<100	1.200
Pilot start date	Jul 2008	Oct 2007
Foreign issuers	2 VIA-T issuers	1 TIS-PL issuer

6. ASF/abertis pilot

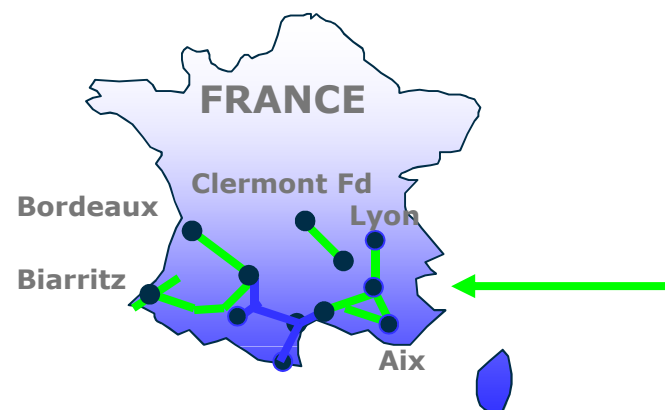
- Motorways length (pilot):
 - 350 Km in France
 - 150 Km in Spain
- Heavy Goods Vehicles only.
- OBU sample size per issuer <100 u
- Results:



	France	Spain
Monthly transactions	~500	1.200
Pilot start date	Nov 2009	Nov 2009
Foreign issuers	4 VIA-T issuers	4 TIS-PL issuers

7. Next steps

- 1) **Extension of the abertis network of abertis/SANEF pilot (mid 2010)**



- 2) **Extension of the ASF network of ASF/abertis pilot (mid 2010)**
- 3) **Commercial phase for TIS-PL in abertis Mediterranean corridor (2H2010)**
- 4) **Commercial phase for LV VIA-T in SANEF & ASF networks (2011)**
- 5) **Test phase for VINCI Autoroutes LV Issuer in abertis (1H2011)**

8. Beyond the ETC Interoperability

A shared operated network over the French/Spanish border from Barcelona to Montpellier-Toulouse is under discussion:

- First trans-European full closed toll system in addition to the ETC interoperability.
- Vehicles entering at a Spanish toll Station will exit at a French toll station and vice-versa.
- Needs a long and detailed technical and contractual analysis.
- Conclusions expected mid 2010:
 - *costs*
 - *risks*
 - *calendar, phases and milestones*

Thank you very much