



ITS for (secure) truck parking areas

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ESPORG conference
05.10.2016

Topics



1. Content and status of the “truck parking delegated act” (*)
2. Implications for truck parking operators (eg concession holders): how to implement the Delegated Act
3. Belgian approach

(*) “Delegated Regulation with regard to the provision of information services for safe and secure parking places for trucks and commercial vehicles”

Topics



- 1. Opportunity: business services**
2. Content and status of the “truck parking delegated act” (*)
3. Implications for truck parking operators (eg concession holders): how to implement the Delegated Act
4. Belgian approach

(*) “Delegated Regulation with regard to the provision of information services for safe and secure parking places for trucks and commercial vehicles”

Opportunity



Categories	Information services	Management services	Enforcement services	Demand management	Payment and reservation services
Domains					
Truck parking	<p>Information on (secured) parkings for trucks: This service provides static and dynamic information on the facilities of (secured or non-secured) parkings for trucks (eg static information on the total number of parking places that is available, or dynamic information on the occupancy of the parking).</p>	<p>Management of (secured) parkings for trucks: This service supports the on-site management of (secured or non-secured) parkings for trucks.</p>	<p>Enforcement of (secured) parkings for trucks: This service enforces rules and regulations for (secured or non-secured) parkings for trucks.</p>	<p>Demand management of (secured) parkings for trucks: This service helps to balance the demand for (secured or non-secured) parkings for trucks.</p>	<p>Reservation service for (secure) parkings for trucks: This service allows to reserve (secured or non-secured) parkings for trucks.</p>

Content and status of the delegated act



- Commission Delegated Regulation (EU) No 885/2013 of 15 May 2013 supplementing ITS Directive 2010/40/EU of the European Parliament and of the Council with regard to the provision of information services for safe and secure parking places for trucks and commercial vehicles.
- **Need: conflict between**
 - » Social regulations
 - » Safety
- **+ transition to sustainable mobility**



- Article 1 - Subject matter and scope
 - This Regulation establishes ... specifications
 - It shall apply to ... the Trans-European Road Network (TERN)
- Article 2 - Definitions
 - **Static information** ... information provided by the parking area operator relating to the **description of the parking area**
 - **Dynamic information** means information indicating, at any given time, **the available parking capacity ... or its current status (free/full/closed) ...**
 - 'priority zone' means a section, as defined by the national authorities, where there is a shortage of spaces at one or several safe and secure parking places, which can be alleviated by providing information on other unused parking capacities in the same zone
 - 'Service provider' means any public or private body that provides the information service to users
- Article 3 - Requirements for ... information services
 - **Member States designate areas where traffic and security conditions require the deployment of information services. ... They shall also define priority zones where dynamic information will be provided**
- Article 4 - Data Collection
 - The data to be collected shall be easy to provide, including remotely
 - Public or private parking operators and service providers shall use DATEX II ...
 - The data to be collected shall be:
 - **Static data related to the parking area**
 - **identification information of parking area** (name and address of the truck parking area) (limited to 200 characters)
 - **location information of the entry point in the parking area (latitude/longitude)** (20 + 20 characters)
 - **primary road identifier 1 /direction (20 characters/ 20 characters) and primary road identifier 2 /direction (20 characters/ 20 characters)** if same parking accessible from two different roads
 - If needed, the **indication of the Exit** to be taken (limited to 100 characters)/Distance from primary road (integer 3) km or miles
 - **total number of free parking places** for trucks (integer 3)
 - **price and currency of parking places** (300 characters)
 - **Information on safety and equipment of the parking area**
 - **Description of security, safety and service equipment of the parking including national classification if one is applicable** (500 characters)
 - **Number of parking places for refrigerated goods vehicles** (numerical 4 digits)
 - **information on specific equipment or services** for specific goods vehicles and other (300 characters)
 - **Contact information** of the parking operator:
 - Name and surname (up to 100 characters)
 - Telephone number (up to 20 characters)
 - E-mail address (up to 50 characters)
 - **consent of the operator** to make his contact information public (Yes/No)
 - **Dynamic data on availability of parking places including whether a parking is: full, closed or number of free places which are available** (up to characters)



- Article 5 - Sharing and exchange of data
 - The static data shall be accessible through a national or international access point
 - For dynamic data, Member States (or national authorities) shall be responsible for setting up and managing a central national or international point of access, referencing all individual single points of access of each truck parking operator and/or service provider on their territory in the interests of users
 - Public and private parking operators and/or service providers shall periodically send their static collected data to the national or international access point through appropriate electronic means no less than once a year for static data referred to in Article 4(1)
 - For dynamic data public and private operators and/or services providers shall update their information referred to in Article 4(3) no less than once every 15 minutes
 - Charges for ... reuse of public or private dynamic data shall remain reasonable as referred to in the PSI Directive
 - Member States may contribute to an international access point by providing data and ensuring that its quality is in conformity with Article 7
 - ...
- Article 6 - Dissemination of information
 - Service providers collecting information at a specific location shall display:
 - at least the next two safe and secure parking places along a corridor within approximately 100 kilometres
 - the availability of parking places in a priority zone in at least the next two parking areas within approximately 100 kilometres
 - The dissemination of information shall be consistent with the Vienna convention
 - ...
- Article 7 - Quality management
 - Any change of situation of the parking area ... shall be immediately notified by public and private parking operators to the national or international access point and to the national authorities
 - For each new priority zone, all public and private operators of parking places shall ensure the reliability of the information. For these purposes they shall carry out periodical controls of the detection equipment, including measuring of the difference between the data displayed and the real availability of parking places. That information shall be assessed in accordance with Article 8.



- Article 8 - Assessment of compliance
 - Member States shall designate a national body competent to assess whether the requirements set out in Articles 4 to 7 are fulfilled by if service providers, parking operators and road operators. This body shall be impartial and independent from the latter. ... Member States shall notify this nominated body to the Commission
 - All service providers shall submit a declaration to the designated bodies on their compliance ...
 - The declaration shall contain the following:
 - the collected data, pursuant to Article 4 collected on safe and secure parking places for trucks and commercial vehicles including the percentage of parking places registered in the information service
 - the means of dissemination of the information services to users
 - the coverage of dynamic information services on safe and secure parking places
 - the quality and availability of the information provided, point of access to the information and the format in which that information is provided
 - Designated bodies shall randomly inspect the correctness of the declarations of a number of public and private service providers and parking operators, and request a demonstration of compliance with the requirements set out in Articles 4 to 7.
 - The quality of the service may also be assessed using user-generated comment.
 - Every year, the designated bodies shall report to the relevant national authorities on the declarations submitted, as well as on the results of their random inspections
- Article 9 - Follow-up
 - Member States shall provide ... at the latest 12 months following the entry into force of this Regulation
 - the competent bodies designated ...
 - the description of the national access point ...
 - .. every calendar year ... Member States shall provide ...
 - the number of different parking places and spaces on their territory
 - the percentage of parking places registered in the information service
 - the percentage of parking places providing dynamic information on the availability of parking spaces and the priority zones ...
- Article 10 Entry into force ...
 - This Regulation shall enter into force on the twentieth day following ... its publication ... (note: 15.03.2013)
 - It shall apply:
 - from 1 October 2013 ... services already deployed
 - from 1 October 2013 ... services to be deployed after the date of entry into force

Implications

- Costs
- Opportunities

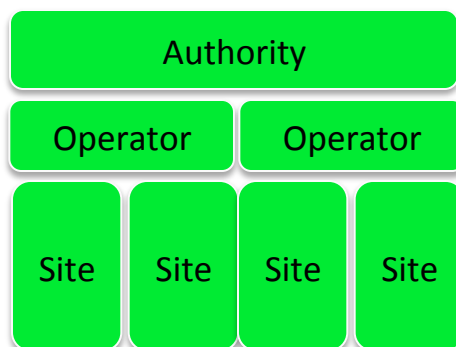


Steps

1. Authority publishes data
2. Operator publishes data
3. Final situation



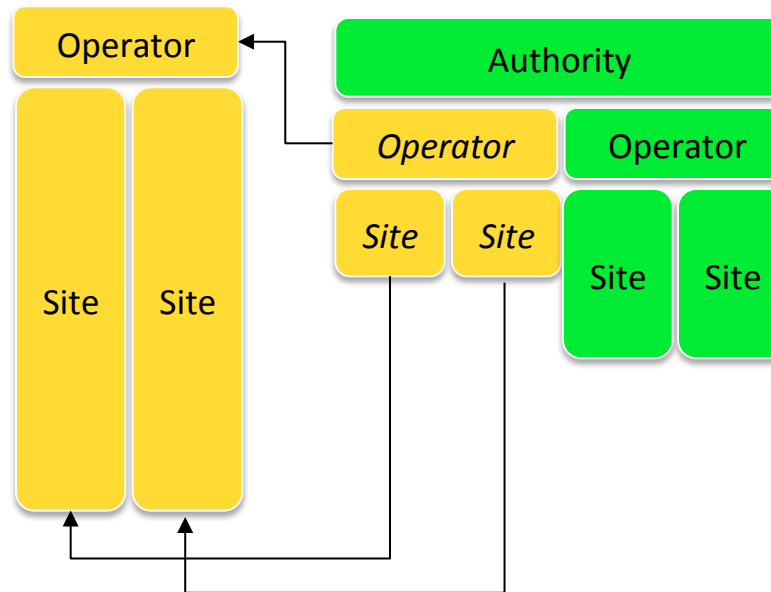
1. Authority publishes data



2. Operator publishes data



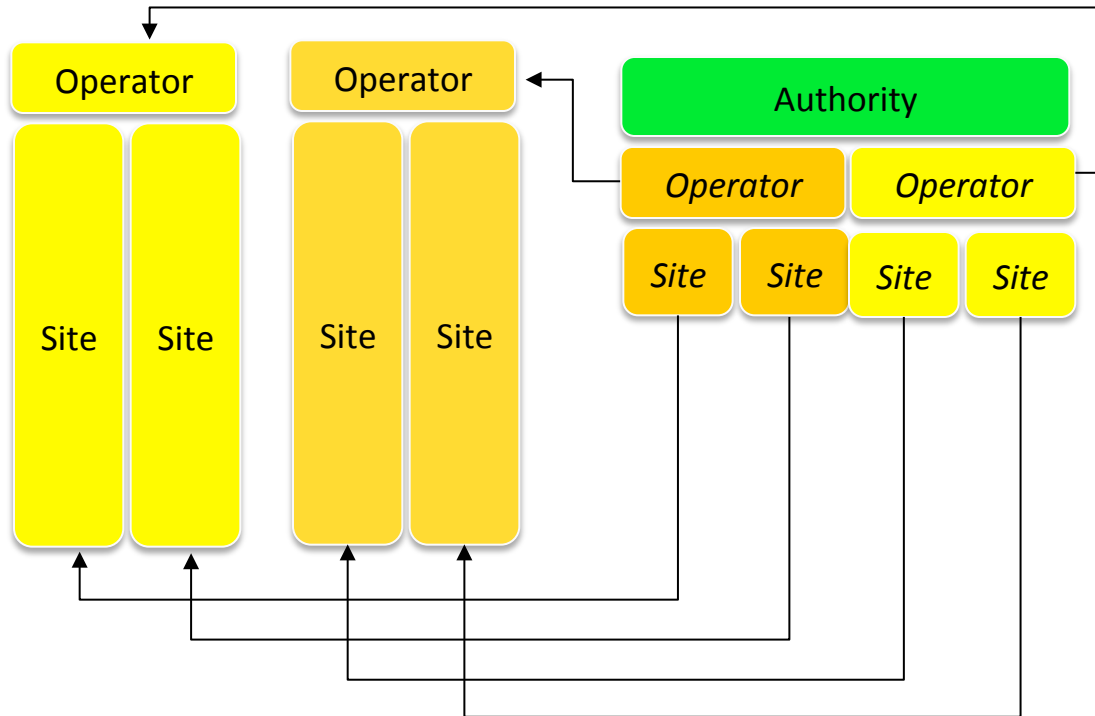
Authority adapts by replacing its data by a link to the operator's data



3. Final situation



Authority adapts by replacing its data by a link to the operator's data



Belgian approach



1. List information services to be implemented

- » Information on truck parkings
 - › (static information)
 - [Truck parking operator contact information](#)
 - [Information on the infrastructure of truck parking](#)
 - [Information on the access of truck parking](#)
 - [Information on the opening times of truck parking](#)
 - [Information on tariffs and reservation of truck parking](#)
 - ...
 - › (dynamic information)
 - [Information on the occupancy of truck parking](#)
 - [Information on the status of truck parking](#)



2. Refer to URL where implementation guidelines are given
3. Refer to URL that describes foreseen quality control

Support website

Public-private interface (Open data)



NL FR

Go to:

- Technical approach
- Quality assurance.

LIST OF SERVICES

- *(static information)*
 - ...
 - **Truck parking operator contact information**
 - **Information on the infrastructure of truck parking**
 - **Information on the access of truck parking**
 - **Information on the opening times of truck parking**
 - **Information on tariffs and reservation of truck parking**
 - **Information on equipment and services of truck parking**
 - **Information on standards and security of truck parking**
 - *(Information on special assignments of groups of parking spaces in truck parking)*
 - **Information on groups of parking spaces for refrigerated goods**
 - ...
- *(dynamic information)*

Zooming out



- Chapter in mobility plans
- Refers to website
 - » For information services to be implemented
 - » For implementation guidelines
 - » For quality control
- Website will become a regulatory instrument for authorities
- Website will become an innovation instrument for associations

Chapter in all mobility plans



- “To make public and private ITS services possible, (static and dynamic) open data are essential, and this for all mobility domains. <X> fully supports the principle that all non-privacy-sensitive data should be considered as open data.”
- For this reason, <X> will always examine if an open data component should be part of a tender or an agreement when awarding new concessions or subcontracting. When doing this, <X> will ensure that important mobility data are published as open data.”



Thank you for your attention

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