

EPA Parking Data Essentials

Management Summary

Purpose of the EPA Parking Data Essentials series

The EPA Parking Data Essentials (PDE) is a set of documents that cover the essentials for parking data management in the context of Intelligent Transport Systems (ITS), as required by European Union regulations. The PDE series is a foundational guide for the European parking sector, aligning with broader EU mobility, digitalization and sustainability goals.

Parking Data Essentials - Part 1 - Introduction to the PDE series and the National Access Points

This document, Part 1 in the PDE series, highlights the significance of standardized parking data within the EU, driven by the ITS Directive and associated Delegated Regulations. These regulations mandate the availability of transport-related data, including parking, through National Access Points (NAPs) to support sustainable mobility solutions.

PDE Part 1 provides a guide to stakeholders in the European parking sector on how to publish and retrieve parking-related data through the National Access Points (NAPs). The document also outlines the benefits of publishing and sharing parking data.

National Access Points (NAPs)

NAPs are centralized platforms established in each EU Member State. They are designed to facilitate access to and exchange of transport-related data, including parking.

This document discusses the varying structures of the NAPs across Europe, which can be web-link repositories, databases, or hybrids. It provides detailed instructions on how to publish and retrieve parking data in various Member States, offering insights into the specific processes and platforms used in the Member States.

Parking Data Essentials - Part 2 - A European Regulated Parking Data Profile

PDE Part 2 introduces the concept of a European Regulated Parking Data Profile.

Municipalities, parking providers, parking service suppliers and parking data integrators are potential owners or the sources of the required parking-related data and will thus have to comply directly with the described Delegated Regulations.

EPA is working (together with the [NAPCORE project](#)) on a European Regulated Parking Data Profile. This profile is the result of our analysis of the current Delegated Regulations, in so far as they apply to parking data.

Utilization of this profile will enable public administrations, parking providers, and other stakeholders to ensure that they comply with EU regulations when publishing their parking data.

Parking Data Essentials - Part 3 - Data Privacy and Licensing

PDE Part 3 emphasizes the importance of adhering to data privacy guidelines and ensuring that licensing for data use is non-discriminatory and supports broad access and reuse.

Data privacy is a concept that organizations of all sizes encounter in modern business. The General Data Protection Regulation (EU) 2016/679 (GDPR) protects fundamental rights and freedoms of



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natural persons and in particular their right to the protection of personal data across the European Union and (at the time of writing) the UK. Each organization will face differing degrees of complexity in achieving compliance with GDPR rules, according to their relationships with their suppliers, customers (those they provide services to) and, of course, the public. National legislation may also have a bearing on the contractual agreements and processes that are required.

Following on from EPA's work on parking data specifications and Application Programming Interfaces (APIs), EPA members identified that there was need to develop a set of industry guidelines with recommendations as to how data privacy principles should be applied to parking. The intention is that these guidelines will help organizations achieve compliance with local data privacy laws and regulations.

These guidelines are provided in PDE Part 3.

Parking Data Essentials - Part 4 - Glossary

PDE Part 4 is a Glossary of the terms, abbreviations and their definitions used in the PDE series of documents. The glossary aims to clarify the meaning of specialized or technical terms.