PTV Access

Service Description

Document information

Short title	PTV Access - Service Description
Version	V.1.0.0 from 01/09/2025

Contents

1   General profile

PTV Access is a web-based data platform that offers data and related computations via APIs. The different APIs can be explored and tested via a web-based cloud application.

2   Technical system description

2.1   General

The PTV Access cloud application is recommended to be used with the Google ChromeTM web browser on a desktop computer. Functionality and layouts from untested web browsers and operating system recommendations can vary.

The APIs can be accessed via the Hypertext Transfer Protocol (HTTP).

PTV Access operates via Windows AzureTM; PTV Planung Transport Verkehr GmbH's data center and network.

The Service Description is not an assurance of a claim to all variants.

2.2   Technical requirements

Browser

- Use the latest version of Google Chrome or another Chromium-based browser

- Web.GL 2.0, Java.Script and Cookies need to be enabled

- The browser needs to support hardware acceleration.

Client configuration

- Network bandwidth: recommended connection speed 20 Mbps or more

- Screen resolution: 1600 x 900 (high color quality) or higher

- Processor: recommended Intel Core i5 or newer

- Graphic card: needs to support web.GL 2.0 and hardware acceleration.

Operating systems

- Microsoft Windows 10 or newer

- Apple Mac OS X Lion 10.12 or higher

- Linux.

Mobile requirements

This service is not designed for mobile devices. Usage on a mobile device is at the customer's own risk.

3   Service description

3.1   Data Catalogue

The Data Catalogue is an application of PTV Access. A list of so-called data packages is presented. A data package is either data or a specific computation related to data. The data coverage of each data package, the area in which it can be accessed, is visualized on a map. A data package can be free, which means it can be accessed for testing purpose complete free of charge.

Additional information to data packages can be accessed by clicking on related buttons in the data package list.

3.2   Preview

To get an understanding of a data package, in Preview application the content of one data package is visualized on a map.

3.3   Tutorial

The data package can be accessed via an API. How the API can be accessed, and how information is provided in the API response, is explained in the tutorial.

3.4   API/API Keys

The content of data packages can be accessed via API. For accessing the API an API key must be provided in the response. The API key can be created and obtained in the API Keys app.

3.5   User Management

Multiple users can have access to a subscription. Users can be added and removed in the User management application.

3.6   Support

PTV Access offers support in all purchased subscriptions. The Terms of Use PTV Cloud Services discusses support levels offered for paid plans, available at https://www.ptvgroup.com/en/ Terms_of_Use_PTV_Cloud_Services_EN.pdf.