

PTV Lines

Service Description



Document information

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1 General Profile

PTV Lines is a web-based cloud application used to upload and visualize and edit the public transport network. Users can edit the network and see the effect of changes directly as travel time of a line route in the network.

2 Technical system description

2.1 General

PTV Lines can be used as a web client and is recommended to be used with the Google Chrome™ web browser on a desktop computer. Functionality and layouts from untested web browsers and operating system recommendations can vary.

PTV Lines operates via Windows Azure™; PTV GmbH's data center and network.

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

2.2 Technical Requirements

2.2.1 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.

2.2.2 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

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

2.2.3 Operating Systems

Microsoft Windows 10 or newer

Apple Mac OS X Lion 10.12 or higher

2.3 Mobile requirements

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

3 Product Description

3.1 Service Designer

In Service Designer, you can manage scenarios. A scenario contains supply data. It is filled either by creating all data manually, or by uploading a PTV Visum version file.

The supply data consists of stops, lines, line routes, transport systems, and stop sequences. You can import this data, or edit, create, and delete it.

You can upload background data as geojson files and visualize each layer based on an attribute behind your network.

Service Designer calculates the travel time of each line route, considering the travel time and dwell times along the line route.

3.2 Editions

All editions include the functionality to upload and manage network data, as a scenario. The following are the current product editions and their limitations.

Description / Feature	Extra Small	Small	Medium	Large
Number of lines in the network per scenario	<50	<100	<500	<2000
Number of stops in the network per scenario	<500	<1,000	<5,000	<100,000
Max number of Scenarios	100			
Max number of users	2	5	10	20
Max size of uploaded PTV Visum version file	10 MB			
Max number of uploaded geojson files	76 MB			
Max size of geojson files	20			

3.3 User Management

You can use User Management to manage who has access to the subscription and their access rights.

Each account can be assigned to multiple access-right groups. User accounts are granted different access to the functionality of the product depending on what group they are assigned to.

PTV Lines includes two access-right groups:

- Admins – have access to the User Management of the subscription. They can add users to the subscription or invite people without a PTV Group ID to register and join the subscription. Admins can assign accounts to access-right groups or remove them from the subscription. Admins have access to Contact Sales, Help Center, Support, and My Subscription too.

- Service Designers – have access to Service Designer, where they can upload, edit, and delete supply data and scenarios in PTV Lines. They can also upload and delete background data as geojson files. Service Designers also have access to Help Center and Support.

3.4 Background Map Services

The background map provided in PTV Lines is from HERE data. PTV Lines may discontinue, replace, or update these 3rd party services at any time during a plan term, or access may be removed by the 3rd party provider.

Also, errors or outdated data in HERE data cannot be supported and improved by PTV Lines.

For more details and usage requirements, see the 3rd Party License information in the Terms of Service PTV SaaS, available under: <https://www.ptvgroup.com/en/legal-documents/terms-of-service> .

4 Help

This Help information provides getting started information that guides users to start with the application.

5 Support

PTV Lines offers Support in all purchased subscriptions. The Terms of Service PTV SaaS, available at <https://www.ptvgroup.com/en/legal-documents/terms-of-service> discusses support levels offered for paid plans.