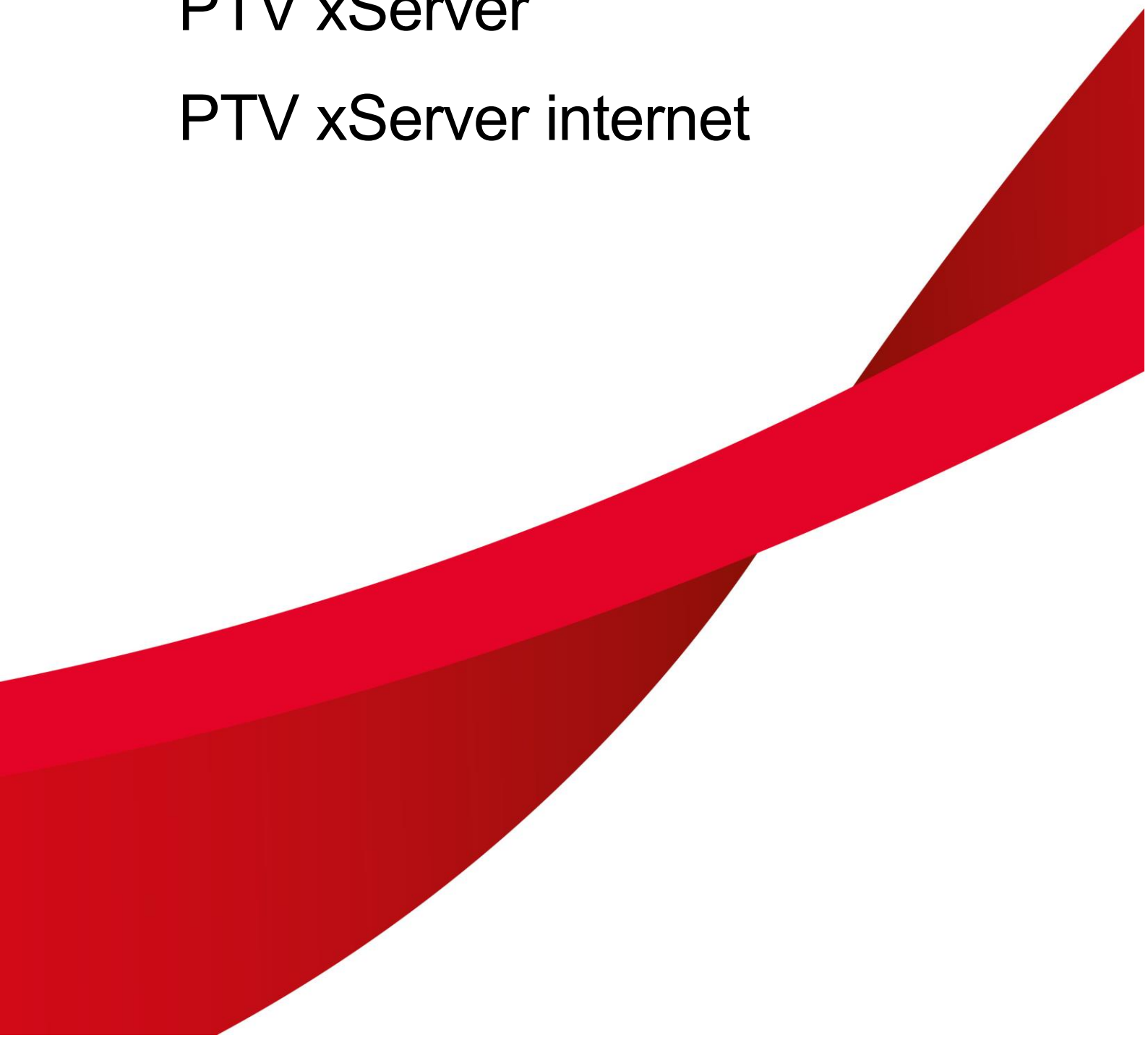


# Glossary

PTV xServer

PTV xServer internet



Glossary

Shorttitle	Glossary
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## Glossary PTV xServer and PTV xServer internet

<b>Asset:</b>	An asset means an object which can be located (displayed on the map), planned, optimized or otherwise (co-)processed by a functionality. Any object can be considered, regardless of whether it is an object, person, animal, device or means of transport (e.g. car, truck, plane, ship, container or other vehicle). Each individual object is relevant as an asset for settlement. Whether a single object or asset is involved depends on the general traffic view, whereby in case of doubt the assumption applies that objects that can be separated from each other represent several independent assets, even if they are connected to each other.
<b>Base Package:</b>	The following data and functions are available in the base package: <ul style="list-style-type: none"> <li>▶ Data <ul style="list-style-type: none"> <li>▶ Point of Interests (POI)</li> <li>▶ Long postal codes for NLD</li> <li>▶ Elevation data for route planning</li> <li>▶ Time Zones</li> </ul> </li> <li>▶ Functionalities <ul style="list-style-type: none"> <li>▶ CO<sub>2</sub> calculation</li> <li>▶ Track &amp; Trace application</li> <li>▶ High-performance Routing (HPR)</li> </ul> </li> </ul>
<b>Batch Geocoding:</b>	mass calculation of addresses in one call. Transaction packages are offered in various sizes, which are to be consumed within one year.
<b>Bulk Routing:</b>	mass calculation of routes (computation of distances and times) in one call. Transaction packages are offered in various sizes, which are to be consumed within one year.
<b>Concurrent user:</b>	maximal number of users, who can simultaneously log in and/or access the Service.
<b>Developmentserver:</b>	PTV xServers are used exclusively for development on a physically existing server or in a VM with an instance at the customer's site (cloning is not allowed).
<b>ETA:</b>	estimated time of arrival.
<b>Gurobi Licence:</b>	The Gurobi Optimizer is a VRP-Solver used for certain functions in the context of field planning to efficiently solve complex problems. Gurobi Optimizer must be licensed in addition to PTV xCluster.
<b>Intermodal Routing:</b>	Intermodal route planning can also be licensed as an on-premise solution for the following modes of transport <ul style="list-style-type: none"> <li>▶ Road, rail, sea, inland waterways and air</li> </ul> <p>Note: In some cases the timetables can be provided by third party providers.</p>
<b>Logistics Package (LP):</b>	The logistics package can also be licensed and contains the following data packages: <ul style="list-style-type: none"> <li>▶ Toll, speed limits, long postal codes;</li> <li>▶ HBEFA emissions, and</li> <li>▶ Feature Layer: preferred routestruck attributes, and truck restrictions.</li> </ul>

<b>MAM:</b>	Mobile Asset Management is a licensing model for Track & Trace, Routing and/or Optimization. The license is acquired per asset and per month.
<b>MAM Track &amp; Trace:</b>	Vehicle tracking via GPS. The vehicles are displayed on the map. Determination of the location by means of reverse geocoding.
<b>MAM Routing:</b>	Route planning with start, destination and waypoints for a vehicle for transport cost calculation or ETA calculation. Truck-specific route planning with additional data (e.g. toll, traffic information), some of which is subject to license.
<b>MAM Optimization:</b>	Depot-related and / or A-B route optimization e.g. for grouping and distribution transports. Target function: Minimization of distances and times of the given vehicle fleet.
<b>Private Network:</b>	Users, such as dispatchers, access the cloud services to plan routes and display them on the map. Vehicles are neither tracked nor optimized. The customer application runs on the company's intranet.
<b>Productive Server</b>	Productive servers are used for productive use by the customer. Depending on the license model, a certain number of physical servers or virtual instances are licensed.
<b>PTV Drive&amp;Arrive</b>	An additional PTV service to calculate an optimal ETA. The service is used especially in the inflow control of truck transports.
<b>PTV Maps</b>	PTV generates its own raster maps that can be used as base maps for the PTV xMap Server and for the cloud services: <ul style="list-style-type: none"> <li>▶ PTV World City Map Premium</li> <li>▶ PTV Europe City Map Premium</li> <li>▶ PTV North America City Map</li> <li>▶ PTV South America City Map</li> <li>▶ PTV Africa City Map</li> <li>▶ PTV Arabia City Map</li> <li>▶ PTV Australia City Map</li> <li>▶ PTV India City Map</li> <li>▶ PTV South Asia City Map</li> </ul>
<b>PTV xServer</b>	Development components for routing and optimization services, which can be seamlessly integrated into leading system environments. Standardized APIs based on SOAP, JSON and REST are provided. The following services can be licensed: <ul style="list-style-type: none"> <li>▶ Geocoding (PTV xLocate Server)</li> <li>▶ Map view (PTV xMap Server)</li> <li>▶ Map matching of driven routes using GPS coordinates (PTV xMapmatch Server)</li> <li>▶ Route Planning (PTV xRoute Server)</li> <li>▶ Route optimisation (PTV xTour Server)</li> <li>▶ Field Service Management (PTV xCluster Server)</li> <li>▶ Loading Space Optimisation (PTV xLoad Server)</li> </ul>
<b>SAP Business Connectors</b>	Business connectors are offered in two versions for SAP ERP and TM to seamlessly integrate PTV xServers into the SAP environment: <ul style="list-style-type: none"> <li>▶ Developer KIT for routing and optimisation services and</li> <li>▶ Complete solutions for geocoding and routing services</li> </ul>

<b>Satellite Images</b>	2D satellite images from HERE can be licensed additionally.
<b>Traffic Package TP):</b>	The Traffic Package can be licensed additionally and contains the following data packages: <ul style="list-style-type: none"> <li>▶ historical traffic information (Traffic Patterns) and</li> <li>▶ current traffic information (Traffic Incidents).</li> </ul>
<b>Transaction:</b>	A billing unit that is defined differently according to the Services provided. The following rules generally apply to the services geocoding, mapping, and routing: <ul style="list-style-type: none"> <li>▶ a call/request counts as a transaction.</li> </ul> The following rules apply to batch geocoding and bulk routing: <ul style="list-style-type: none"> <li>▶ one call/request corresponds to several transactions depending on the number of addresses or relations.</li> </ul> The following applies to map tiles: <ul style="list-style-type: none"> <li>▶ 40 tile calls count as one transaction.</li> </ul>
<b>User:</b>	An end-user of the PTV xServer or of the PTV xServer internet Cloud Service.
<b>Vector Maps</b>	Vector maps consist of geographic information (coordinates, lines) that sharply focus map sections regardless of the zoom level. These can be licensed in addition to the PTV maps.