

EWS Road Distance Matrix Germany/Europe



The shortest route is not always the most time-efficient, and the fastest route is not always the most cost-effective. Since the German long-haul traffic tariff (Güterfernverkehrstarif (GFT)) was done away with, EWS Road Distance Matrix is the basis for billing transport services, and has established itself as the de facto standard in the German industry.

EWS is the basis for realistic cost calculation and freight billing

For an enterprise that deals with a large volume of freight invoices, determination of linear distance is too imprecise, and an exact route calculation is too time-intensive. With Road Distance Matrix (EWS) costs can be calculated realistically. Since the GFT was done away with, EWS Road Distance Matrix represents a basis for billing that is based on road distance for truck transport services provided by freight forwarders.

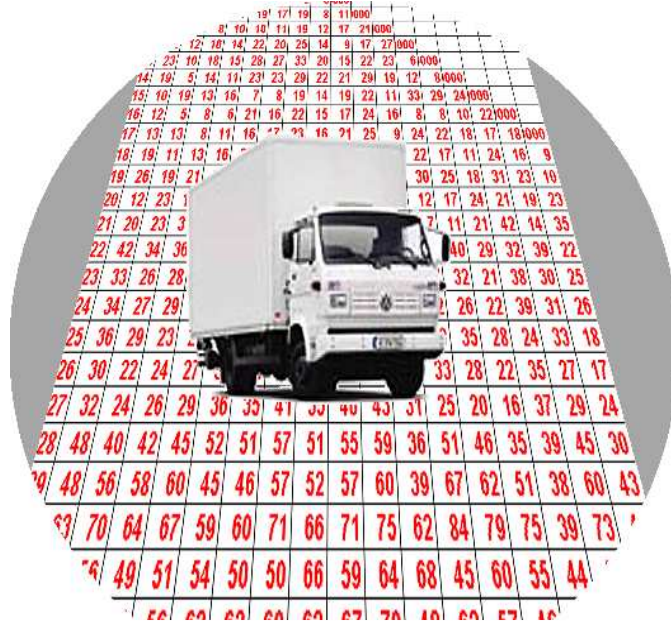
A great advantage of the EWS Road Distance Matrix is that the gazetteer and distance matrix can be easily integrated in almost all software environments. Thanks to easy and transparent handling the Road Distance Matrix has established itself as the de facto logistics standard in Germany. Large companies, such as Siemens or Daimler, use EWS Road Distance Matrix and so do small and medium-sized companies. The use of EWS Road Distance Matrix is considered as a mark of quality in the industry.

With EWS Road Distance Matrix it is easier to determine the entire distance than it is to determine the individual routes. Since the distances are not calculated, but rather are stored in a table, distances are not only comparable, transparent, and verifiable, they can also be recalled quickly.

EWS Toll precisely outputs only the kilometers that are subject to toll.

System prerequisites

The data is present in ASCII format; consequently EWS Road Distance Matrix can be integrated in all autonomous or existing DP-



supported information systems or database systems (e.g. SAP), on almost all platforms (Windows, Unix, Linux).

Application areas

Distances for truck transport can be determined between all points in Germany or Europe based on a digitalized road network. EWS Road Distance Network is ideal for long-distance traffic, and it is suitable for local traffic.

Function and content

EWS Road Distance Network is the link between a gazetteer and a distance table. Distances between points are determined in both versions - EWS Road Distance Network Germany and EWS Road Distance Network Europe. Since 2009 the underlying gazetteer for Eastern Europe and Southeastern Europe has been significantly extended.

When distances are determined the points are shown as representative point nodes. The number of nodes depends on the

respective population density; in economically significant areas a higher number of nodes ensures completeness. In Germany there are 7,300 nodes. In Europe there are almost 10,000. The assignment of places to nodes is usually calculated by the shortest road distance. Rivers and other obstructions are considered in the calculation.

With an upgrade EWS Road Distance Matrix Germany can be integrated in EWS Road Distance Matrix Europe. Integration of EWS Toll in the standard EWS products is easily possible.

At DDS you get EWS including a license letter. The letter is an assurance of the correct status of the data and guarantees contractually-assured licensing.

Update intervals

The product, EWS Road Distance Matrix, is updated once a year.

Prices

Prices and additional information are available on request.