



ERIC

European Rail Information Centre

Information Software for Rail Freight Transport

Are you interested in information on goods, stations, distances and wagons?
 Do you need to peep to some of the rail regulations and tariffs?
 Do you want to orientate yourself in prices for freight and create a price offer?
 Do you print consignment notes and want use the support of software for that?

INFORMATION

- NHM list of goods – goods nomenclature in 19 languages
- RID list of dangerous goods – connection with the NHM list of goods and appendix II to SMGS (list of dangerous goods for CIS and Baltic states)
- ETSNG list of goods – list of goods for CIS and Baltic states
- List of stations – 14 railways
- TR4 list of stations – list of stations of CIS and Baltic states
- International list of stations according to DIUM
- RIV II/3 track classes
- Wagon catalogues (search function according to parameters, pictures)
 - 16 catalogues of wagon owners

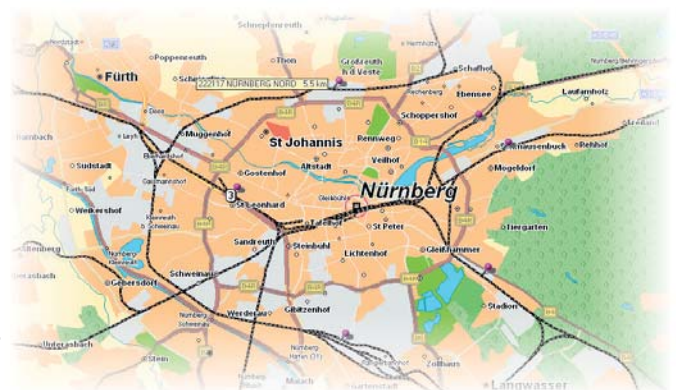


LIBRARY

- National and international tariffs (in the languages of their publication) – text version of tariffs processed into electronic form for simple search
- Variety of regulations and laws – text version of regulations and laws concerning freight transport

MAP (RailMap)

- Electronic map for rail freight transport
- Emphasised rail-lines network
- Search functions (stations, border crossing stations, settlements)
- User marks
- Wagon position monitoring
- Infrastructure



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CALCULATIONS

- Freight and accessory fees calculations (according to tariffs) – there are more than 70 tariffs in ERIC application
- Calculation (according to tariffs and own and contractual pricelists) – the calculation sheet allows to use the tariff prices and own and contractual prices, to enter discounts and surcharges
- Price optimisation
 - OPTIM+ module includes unlimited database of railways. That means, that it does not limit the dispatching or destination railways.
 - OPTIM module is limited for one destination railway. It means in practise, that the user can do the optimisation only from or to one dispatching/destination railway. The user selects the railway when purchasing the module.
- Freight calculation for the CIS and Baltic countries – tariff price and guaranteed transport time calculation from selected boarding station on the CIM/SMGS border to selected destination station in some of the CIS and Baltic states (export, import, transit)
- Distance calculation (according the domestic distance tables, DIUM and distance table of CIS and Baltic states)



EXAMPLE

Cut	From station	To station	Discount	Freightage	CurrenConvert EUR
21	BREST-SEVERNYY (EKSP)	OSINOVKA (EKSP)	0.00%	824.04 USD	608.22
20	KRASNOE (EKSP)	TOBOL (EKSP) (RZD)	0.00%	4482.00 USD	3308.12
27	TOBOL (EKSP) (KZCH)	DOSTYK (EKSP)	0.00%	3484.80 USD	2572.10

Total: 5347 km, 29 days, 6488.44 EUR

TRANSPORT DOCUMENTS

Railway documents – national and international (consignment notes and list of wagons CIM, CIM/SMGS, SMGS, ARD, EUR1 etc.)

- The filing-in is supported by the
 - NHM and GNG lists of goods
 - RID and appendix II to SMGS
 - List of stations according to DIUM
 - CIS and Baltic states list of stations
- Setting up the font and its size
- Printing
 - With the form
 - To the form
- Archiving
- Export to PDF, TXT or XML



ERIC

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General description

ERIC is a modular and continuously updated system of information from railway freight transportation area. The system comprises data on a vast range of tariffs, calculations, information, forms and documentation modules. Actual information is provided from the processing centre in electronic form, in different shapes depending on the customers needs and in several languages.

A well-functioning centre for data collection forms the core of an electronic information system. Information is received from several sources all over Europe and parts of Asia – from different rail freight transportation information sources. The original version of the data is transformed into electronic form, followed by translation into the processing languages and only then is the information duly dispatched or made available to ERIC users.

Forms of using

Customers can use ERIC as an independent application or as part of a bigger program in accordance to their needs. Different applications of ERIC system can be installed on one computer or server, so they can be operating from one of these applications. Possible forms of data providing are:

- Local or network applications intended for installation from CD-ROM on user's PC's
- Internet applications operating on a web page
- Dynamic linked libraries (DLL) used for implementation onto the customer's own logistic system
- Library of tariffs and regulations in original version in electronic form
- Web services for sending requests to the centre from users applications via the Internet

System attributes

Database features:

- **Multilingualism:** outputs and applications of ERIC system are provided in English, German, Czech, Slovak, Polish and Hungarian languages
- **Modularity:** users can select modules needed for their work and thus make optimal configurations
- **Continuous updates:** each piece of information in the database is monitored and immediately updated whenever a change is registered

Advantages of present and approved JERID applications are conserved in the ERIC system. Present applications working under Windows systems remain still fully functional.

Each of the listed application solutions is not necessary to be installed separately. All these applications can be installed onto one program, so they can comply with the users needs.

User support

A hotline is (as well as for other JERID products) a standard service.

Employees of JERID are prepared to answer any questions about the ERIC system (esp. functions, prices, discounts, delivery conditions, warranties, services, etc.) by phone +420 587 439 204 or through e-mail jerid@jerid.cz.

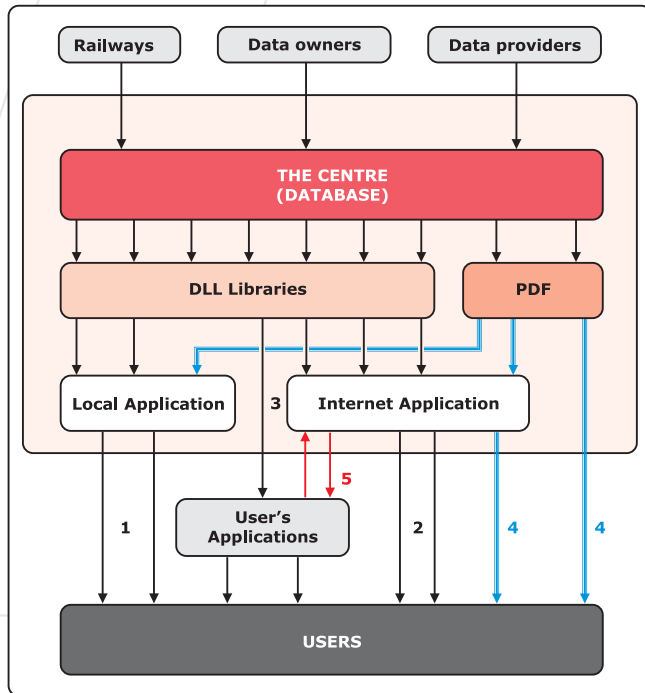
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System ERIC scheme and its data flows**Description of applications shown in the scheme****1 Local or network applications intended for installation from CD-ROM on user's PC's allows:**

- Railway freight and accessory fees calculation in accordance to valid and appropriate tariff or own / agreement tariff and conversion into specified currency
- Railway freight calculation for the complete transport route
- Price optimisation for complete transport route
- Tariff distance calculation in accordance to international distance tables DIUM and domestic distance tables
- Searching, displaying, printing and using of NHM and RID goods nomenclature information, stations and wagons
- Filling in, printing and electronic archiving of transportation documents
- Electronic data interchange with other users

2 Internet applications operated on web pages allows:

- Railway freight and accessory fees calculation in accordance to valid and appropriate tariff

- Searching of price lists needed for price calculations
 - Ascertaining of domestic railways distances
 - Ascertaining of railways distances for export, import and transit through separate railways
 - Searching, displaying, printing and using of information on NHM and RID goods nomenclature, on wagons and stations
- Internet applications' information is available after purchasing specified amount of credits.

3 Dynamic linked libraries for integrating onto the user's logistics system

Many companies not only have the ordinary operating system installed, but in addition other information systems as well. Just for the same reasons, when a customer needs data and it cannot be provided in standard form (Windows application), the data is provided in raw form in DLL (Dynamic Linked Libraries). These DLL are implemented onto the customer's information system. Users access this information as though it is a part of his existing information system.

4 Library of related documents in full version in electronic form

Railway transportation of goods is conformed by transport and tariff conditions, stated by a series of international and domestic regulations and in domestic, international and transit tariffs. For effective transport it is necessary to have this information and fully comply with these conditions. Customer's documents can be added into this library as well, but they must meet basic rules for their integration.

5 Web services for sending requests to the centre from users applications via the Internet

Customer – the user of the software installed on the computer – is in certain circumstances an applicant for web services. This means that the user has installed an interface on the central JERID database on the computer, by which means they are applying for information. Web services bring a compromise between local application (where part of the information is stored onto the user's computer) and the Internet application (where part of the information is on the central JERID database). Calculations are then faster and it is not necessary to have all the data on a particular computer. Concern over update installations is eliminated.