

Routing J Server Brazil Data Update 2015.03

Release Notes

This document contains information about the 2015.03 Release. It provides information about the Routing J Server driving and pedestrian data; the source and vintage of the data, installation instructions, and information about the various file types that comprise this data product. Complete documentation is located at [our support site](#).

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Data Source and Vintage

Routing J Server 2015.03 data is based on data from TomTom Europe 2015.03.

Pedestrian (walking) and driving data are released twice yearly.

Data Updates

1. The Street Network Fully Attributed coverage has been extended with respect to the Street Names, and Route Number in 313 cities in the states of São Paulo, Rio de Janeiro, Minas Gerais, Espírito Santo, Santa Catarina, Rio Grande do Sul and Paraná.
2. The coverage has been extended to 57.82%, totaling in 347 cities having Street Network Fully Attributed.
3. A range of new features and attributes have been created where needed: Maneuvers, Blocked Passage, Special Restriction, and No Through Traffic areas.
4. More than 2,101 Street Names are updated to improve spelling, correct wrong names and add missing names.
5. More than 2,300 updates (according to the real-world situation on roads and its attribution) have been done. Mostly Speed Limits are updated and geometry has been added where needed.
6. More than 1,500 Block Passages are updated according to the real-world situation. The following categories of updates can be distinguished:
 - Make roads one-way
 - Add Restrict turns
 - Block roads
7. The quality and completeness of existing Street Network in 35 cities is improved by ensuring better quality and completeness of geometry and by updating Street Names and Road Conditions.
8. The Functional Road Class has been normalized on 3,147 Km of Interconnecting Network in the state of São Paulo to improve guidance and routing.
9. Standard update is performed on 7,980 Km in São Paolo and Rio de Janeiro on all network types. This update mainly includes capturing of new geometry, realignment of existing geometry and other related features (Speed Restrictions, Maneuvers, Blocked Passages and Street Names).
10. A 478 Km distance of pedestrian-oriented geometry has been implemented in São Paolo.

Installing Routing Data

The data CD contains both the driving and walking data for Routing J Server. Each dataset has its own set of nested folders, both using the same folder structure.

When copying data, copy the contents of the data CD and preserve the directory structure of the CD. You may copy only the Driving data folder, only the Pedestrian data folder, or both folders, provided that you maintain the same directory structure as on the CD. The datasets cannot be copied into one single directory, as each dataset must be preserved in its own directory.

Routing J Server is intensive in terms of file reading. Therefore, in order to enhance performance, we recommend installing the data on a separate, standalone hard drive.

Routing Data Files

This data can be used by both the 3.2 and 3.3 routing engines.

File Types

Each dataset contains the following types of files:

Type	Extension	Description
Street Name file	.st	Contains a list of all the street names for the dataset.
Map file	.rmf	Contains the data associated with arcs and nodes in the dataset.
Index file	.mnd or .rnd	An index into the map file. An index has an ".mnd" extension if it is part of the minor road network and an ".rnd" extension if it is a RAM map. Each dataset must contain at least one index file with an ".rnd" extension.
Road Type Defaults file	.rtd	Contains the default speeds for each road type. Each dataset must contain this file.
Dataset Descriptor file	.xml	Contains information about the dataset. Must conform to the DatasetDescriptor.xml.