MULTINET-R

DELIVERING EASY TO COMPILE MAPS AND INCREMENTAL UPDATES

TomTom has continuously invested in our state-of-the-art transactional mapmaking engine, allowing us to rapidly close the loop between detecting changes in the real world and updating the map on an end-user’s device. This industry leading mapmaking engine will enable TomTom to deliver these ‘real-time’ map updates to customers via fast and frictionless map distribution mechanisms, including MultiNet-R.

MultiNet-R, the next generation of MultiNet, delivers all of the high-quality content layers of the TomTom map database in a single and easy to use relational database model. Whereas MultiNet is commercially released every three months, MultiNet-R will be released more frequently – monthly in 2015 and weekly in 2016.

PRODUCT FEATURES AND BENEFITS

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<th>FEATURES</th>
<th>BENEFITS</th>
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<tr>
<td>Single relational model integrating all content layers</td>
<td>• Enables feature rich map compilation</td>
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<td>Stable feature IDs</td>
<td>• Delivers high quality</td>
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<td>Seamed content layers</td>
<td>• Serves as relevant reference to link auxiliary content</td>
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<td>Machine readable specification &amp; integrated meta-data</td>
<td>• Enables tracking of objects from one release to the next</td>
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<td>Smartly structured format with RDBMS loading tools</td>
<td>• Allows faster time to market with out-of-the-box seamless global coverage</td>
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<td>Incremental map update capable</td>
<td>• Gain business efficiencies with smarter decisions</td>
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<td>• Saves time with automated data load, configuration and validation</td>
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<td>• Enables data files to be loaded automatically into a RDBMS</td>
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<td>• Delivers quick &amp; easy upgrades to the most accurate and up-to-date map available</td>
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<td>• Provides straightforward incremental record updates for all features</td>
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<td>• Enables data intake to focus on change only</td>
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MULTINET-R CONTENT

All advanced navigable, basic navigable and basic routing and display geographies are available in MultiNet-R format. See Map Coverage sheets for more information.

The following Map Enhancement Products are available as add-on products integrated with MultiNet-R:

- **Address Points**
  - Discrete points with X, Y coordinates

- **MultiNet Administrative Areas**
  - Commercial grade municipal boundary and census data

- **Speed Profiles**
  - Granular high quality speed data for optimal routing performance

- **Advanced City Models***
  - Provides basic, un-textured 3D models up to photo-realistic textured 3D models

- **MultiNet Locality Index**
  - Real-world locality context for road, ferry and address area boundary features

- **Voice Maps**
  - Text to speech and speech recognition technology to enhance the spoken navigation experience

- **Advanced Driving Attributes**
  - Gradient, road curvature, and other features that power safety, efficiency, and comfort applications

- **MultiNet Points of Interest**
  - Millions of destinations including the most popular food, gas, lodging, and retail establishments

- **2D City Maps***
  - Detailed building footprint information and land use information including water, parks, and footpaths

- **3D Landmarks and Landmark Icons***
  - Photo-realistic 3D representations of landmarks and waypoints

- **Logistics**
  - Commercial vehicle restrictions for truck-related routing

- **MultiNet Post***
  - Commercial grade post data

*Although available in MultiNet-R format, seaming between these layers and the core map content is not always guaranteed. [2D CM, 3D Landmarks, ACM]*

**Logistics content in MultiNet-R format is not available for North America.

***Only available for Canada, U.S. and United Kingdom

INCREMENTAL UPDATES

Designed and built to support the most current maps available, MultiNet-R can be delivered to new customers as a complete map or as incremental updates for ongoing customers. Incremental updates refer to the map changes that have been validated and updated in the map and then published to customers within a short window of time. By expediting this process and eliminating the need to ingest the full map with each product delivery, TomTom is able to deliver the most accurate and current maps.

SUPPORTED DATABASES

- PostgresQL
- SQLite

automotive.tomtom.com - geospatial.tomtom.com

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