

Logistics powered by OSM

SotM EU

Vienna, 16.7.2011



infoware
Gesellschaft für Informationstechnik mbH

Founded in 1984
30 Employees

infoware develops software tools, technologies
and applications for mapping, routing
and navigation

- **Software Components and Applications**
- mapsuite: Framework for Mapping Applications
- maptrip SDK: Software Development Kit for GPS-Navigation
- maptrip Truck Navigation for Logistics
- maptrip Consumer Navigation (white Label)

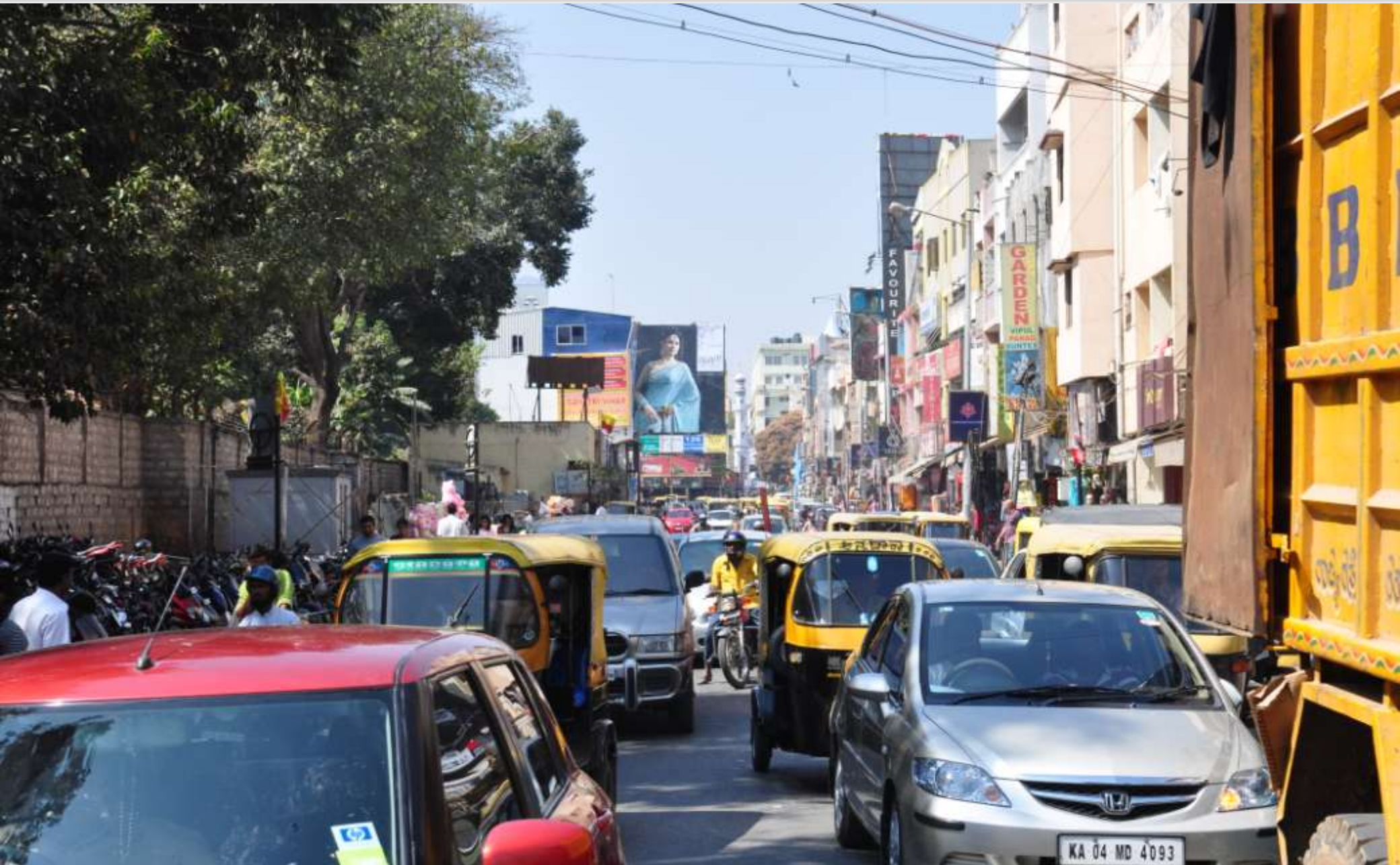
- **Customized Projects**
- infoware carries out map related software projects
- technologies can be modified according to customer's needs
- infoware operates and maintains customer applications

Mapping, Routing, Navigation on the web and mobile





- Mapping applications for Axel Springer (Web, iPhone, iPad)
 - [Hamburger Abendblatt www.abendblatt.de](http://www.abendblatt.de)
 - Berliner Morgenpost www.morgenpost.de
 - Berlin1 www.berlin1.de
 - iPhone Apps: MeinQuartier, Zeitreise
- On- and Offboard Navigation for Windows, iOS and Android
- Logistics planning, Distance Matrix Calculation





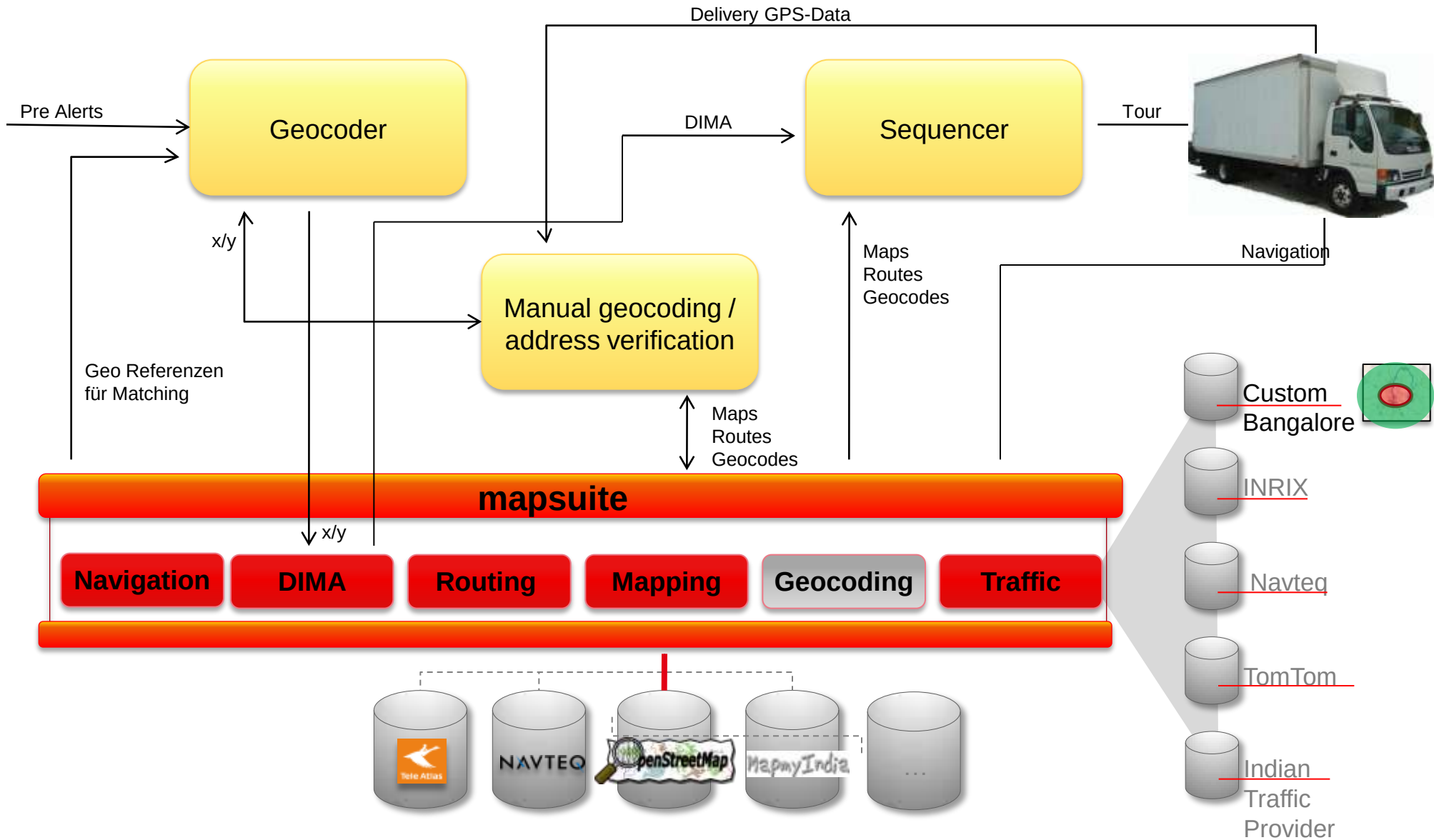








System Overview



Map sources analyzed



Tele Atlas



MapMyIndia



Navteq



OSM



Bing



Google



Google Sat



Eicher

Comparison of Coverage

OSM



TA



MMI



NT

Comparison of Coverage



OSM



TA



MMI



NT

TA



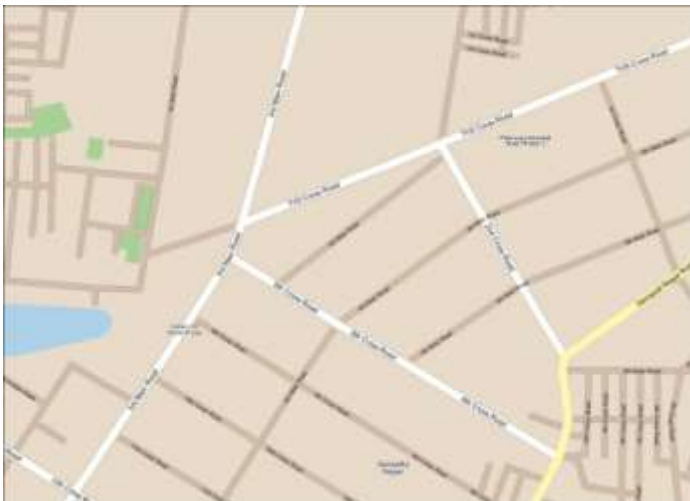
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Comparison of Coverage

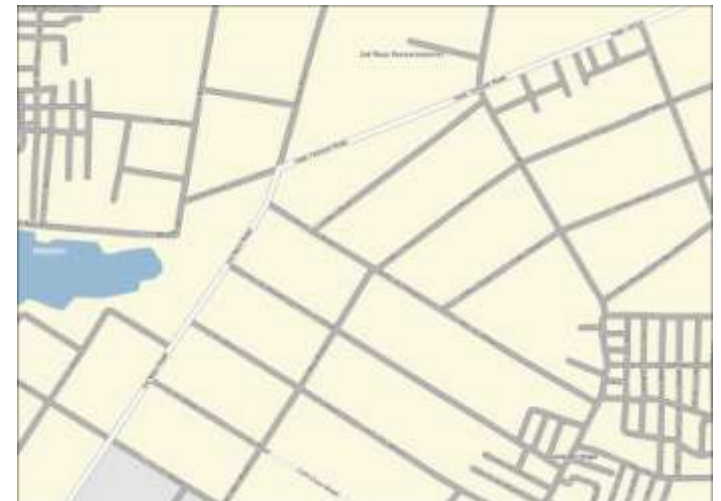
OSM



TA



MMI



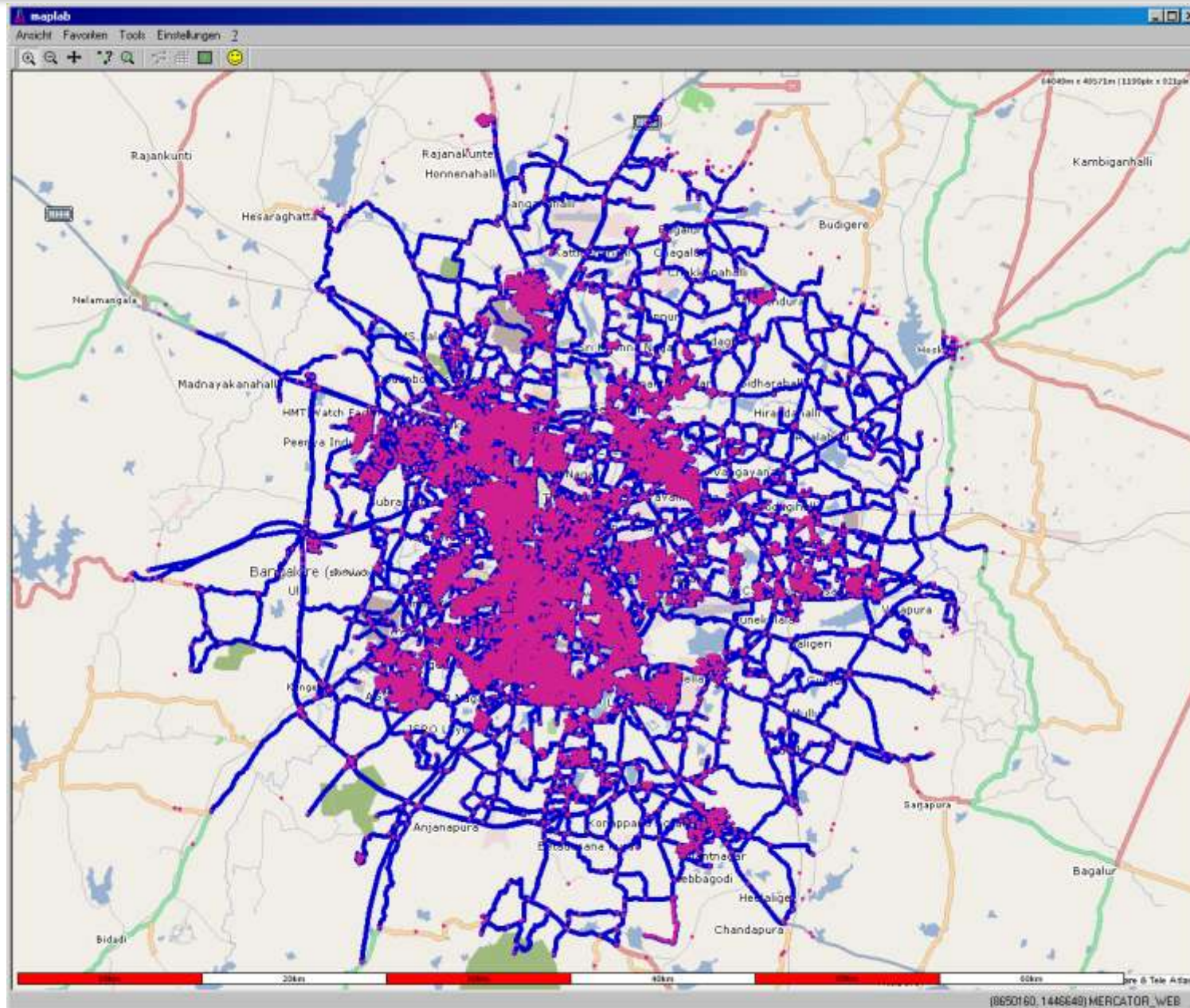
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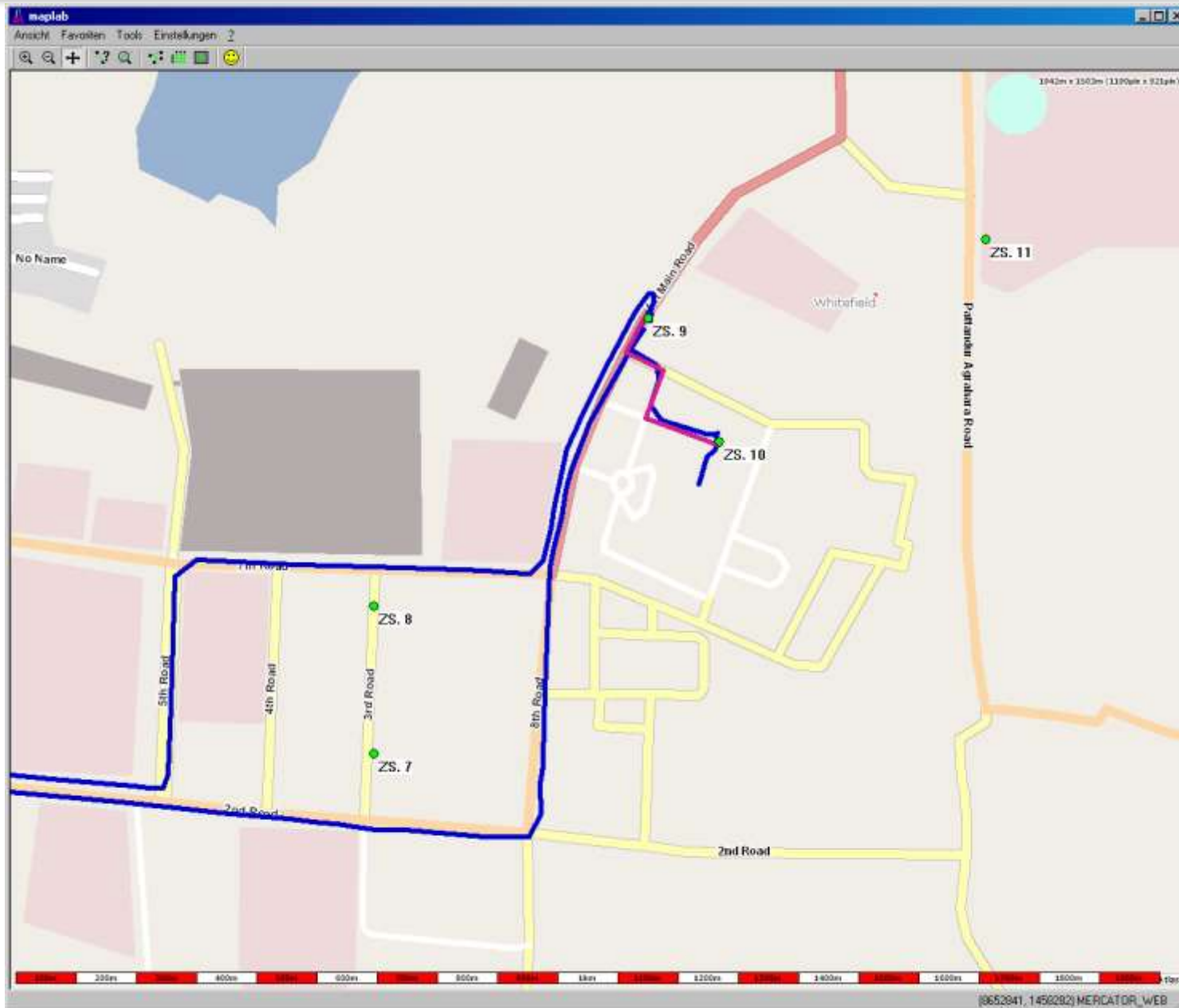


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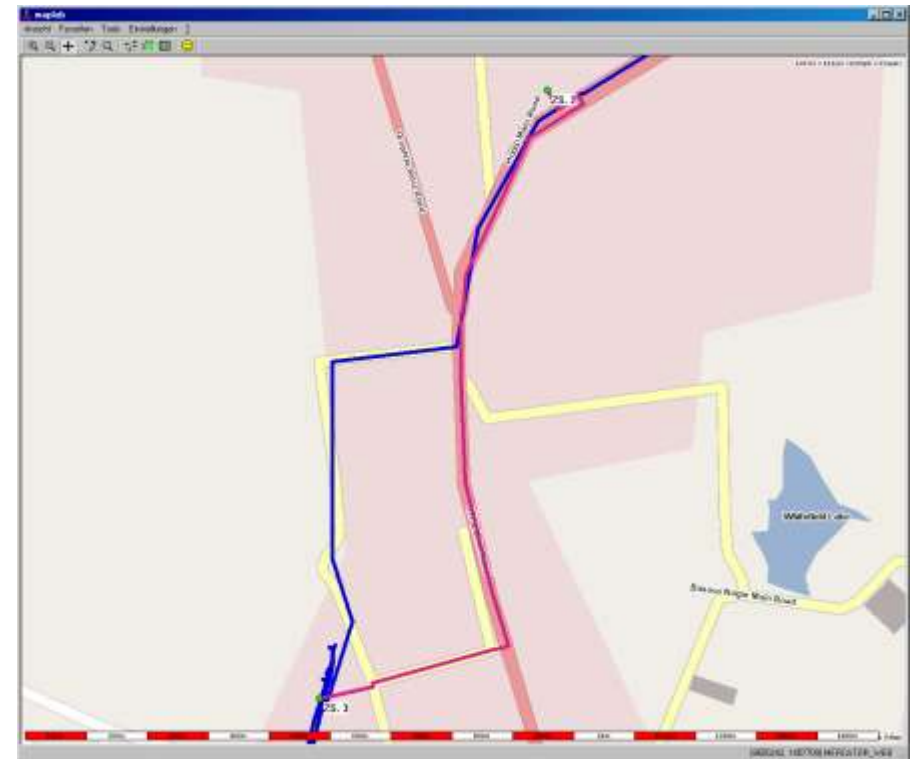
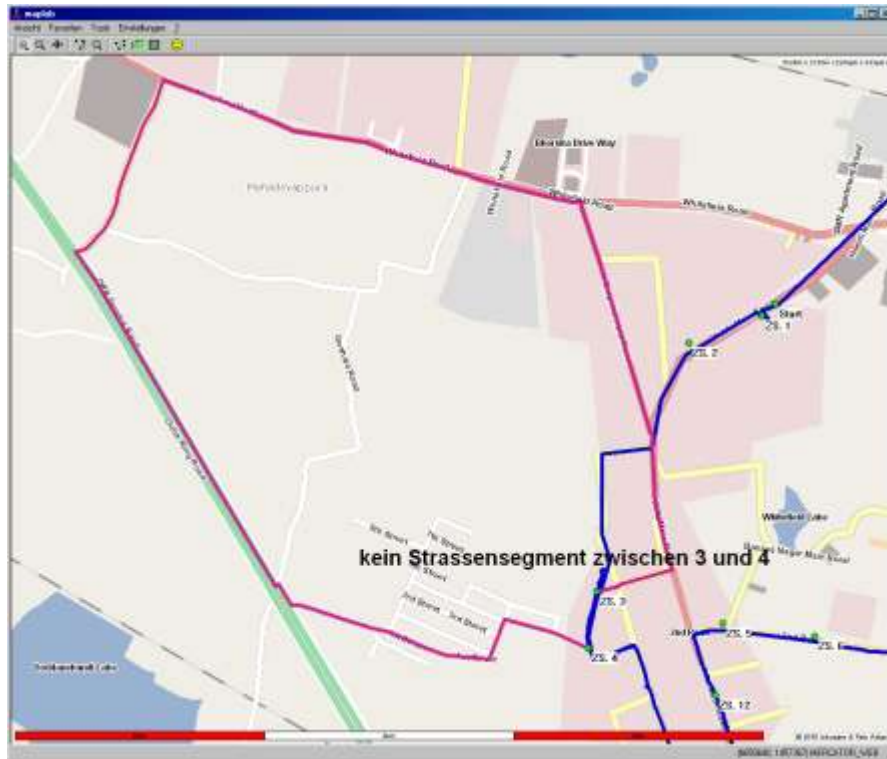
Checking for ,holes' in the routing network



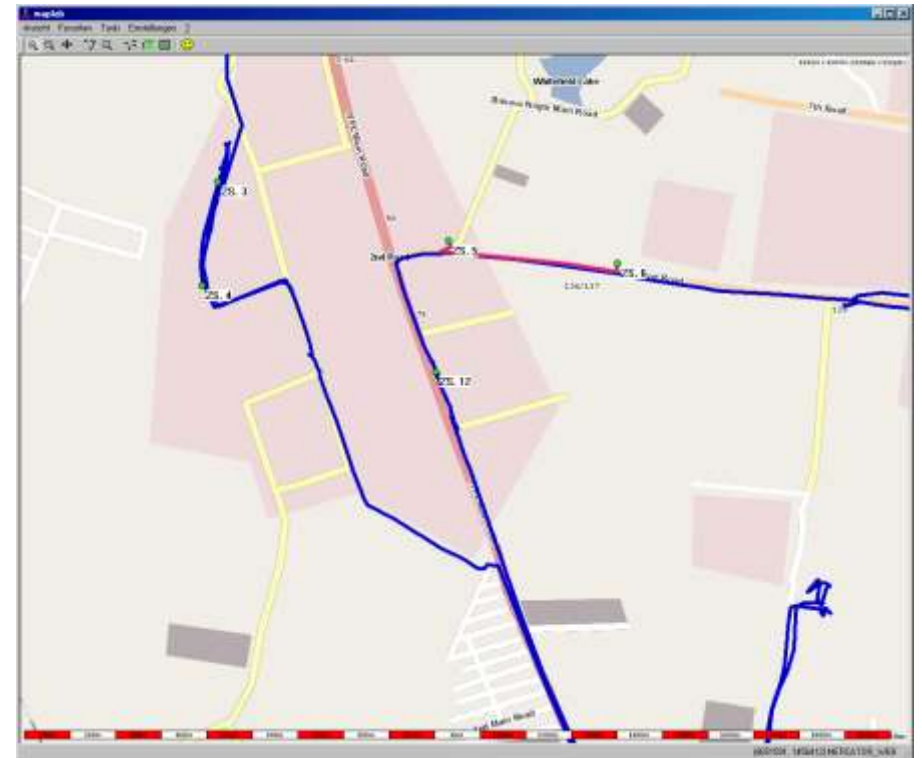
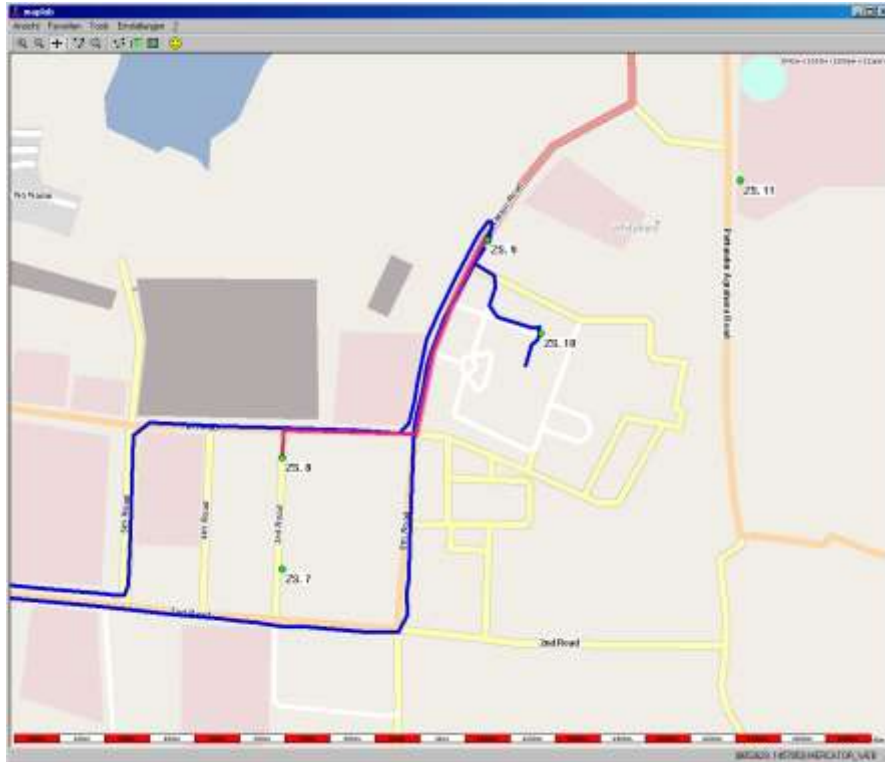
Comparing calculated routes to actual drives



Comparing calculated routes to actual drives



Comparing calculated routes to actual drives



Source	suitable for...			Physically available for development in Germany?	Licence agreement necessary?	Free of charge?
	Mapping	Routing	Geocoding			
Tele Atlas	+	++	+	no, NMP	no	nein
Navteq	+	++	+	no, NMP	no	nein
MapMyIndia	(+)	(++)	+	no, NMP	no	nein
OSM	+	+	-	ok	yes	ja
Eicher	+	-	+	NMP	nein	nein
Google	+	-	+	ok	nein	nein
Bing	+	-	+	ok	nein	nein

Thanks to OSM in Bangalore!





Everybody is happy with OSM!

Thank you!