



# Benelux

## COVERAGE

The area covers the countries of Belgium, the Netherlands and Luxemburg.

The NAVTEQ map of Benelux covers 100% of the population as Prime Coverage.

This release includes 271,538 Km of roads (100% of road network). All roads have been verified.

Address Ranges are present for 100% of the population.



## CONTENT

Content features available with the NAVTEQ map of Benelux

- 3D City Models
- 3D Landmarks
- Discover Cities
- Digital Terrain Model
- Satellite Imagery
- Enhanced Elevation Contours
- NAVTEQ Voice
- Points of Interest
- Traffic Codes
- ADAS Compliant Geometry
- Speed Limits
- Extended Lane
- Driver Alert
- Camera Alert
- NAVTEQ Transport
- Toll Information

For POI, this release contains 60 categories, totaling 81,294 POIs. Some key category highlights include :



11,727



6,100



5,940



4,055

### Country Statistics for Benelux

Population	27,132,121
Area (km2)	74,640
Municipalities	1,153
Km Road	271,538

Release Version 2008.2, 23 April 2008

## C O V E R A G E

	# Kilometers	% Kilometers
<b>ROAD NETWORK</b>		
Verified Roads	271,538	100%
Integrated Roads	-	-
Total Roads NAVTEQ map	271,538	100%
	# Inhabitants	% Population
<b>POPULATION / AREA</b>		
Prime Coverage	27,132,121	100%
Complete Coverage	-	-
Total Coverage	27,132,121	100%
	# Inhabitants	% Population
<b>ADDRESS RANGES</b>		
Address Ranges	27,132,121	100%
	# Municipalities	% Municipalities
<b>MUNICIPALITIES</b>		
Prime Coverage	1,153	100%
Complete Coverage	-	-
Total Coverage	1,153	100%

## C O N T E N T

<b>ADAS</b>	
Functional Class 1	100%
Functional Class 2	100%
<b>TRAFFIC CODES</b>	
Number of Traffic Codes	10,460
<b>VISUAL CONTENT</b>	
Number of Landmarks	244
Number of 3D City Models	9
Antwerp, Bruges, Brussels, Gent	
Amsterdam, the Hague, Eindhoven,	
Rotterdam	
Utrecht	
<b>NAVTEQ Discover Cities</b>	
Number of Cities	2
Amsterdam, Brussels	

Note: These are Database Statistics which can differ from the specific Product Statistics.

POI Category	Belgium	Netherlands	Luxemburg	Database Total
Airport	5	6	1	12
Amusement Park	21	45	2	68
ATM	656	96	5	757
Auto Dealerships	3,094	2,918	169	6,181
Auto Service & Maintenance	1,296	1,163	76	2,535
Border Crossing	232	145	58	435
Bowling Centre	137	117	1	255
Bus Station	42	87	5	134
Business Facility	61	54	5	120
Casino	9	13	1	23
Cemetery	182	248	5	435
Cinema	104	229	11	344
City Hall	654	516	119	1,289
Civic/Community Centre	171	281	10	462
Commuter Rail Station	138	101	-	239
Consumer Electronics Store	119	334	3	456
Convention/Exhibition Centre	94	293	6	393
Court House	-	50	-	50
Embassy	521	276	84	881
Ferry Terminal	3	13	-	16
Golf Course	80	187	6	273
Grocery Store	1,293	-	-	1,293
Higher Education	164	174	8	346
Historical Monument	1,087	1,591	71	2,749
Home Specialty Store	-	12	-	12
Hospital	165	111	5	281
Hotel	1,543	2,325	187	4,055
Ice Skating Rink	22	36	1	59
Marina	32	145	-	177
Medical Services	52	61	5	118

Note: These are Database Statistics which can differ from the specific Product Statistics.

POI Category	Belgium	Netherlands	Luxemburg	Database Total
Motorcycle Dealership	21	20	1	42
Museum	453	1,092	34	1,579
Named Place	3,851	3,165	536	7,552
Neighbourhood	41	15	-	56
Night Life	194	364	34	592
Park & Ride	10	91	6	107
Park/Recreation Area	476	890	22	1,388
Parking Garage/House	164	504	20	688
Parking Lot	449	2,050	58	2,557
Performing Arts	295	368	15	678
Petrol/Gasoline Station	2,220	3,560	160	5,940
Pharmacy	3,939	-	35	3,974
Place of Worship	257	1,969	21	2,247
Police Station	894	532	49	1,475
Post Office	718	1,705	100	2,523
Public Transit Access	10	16	-	26
Public Transit Stop	1,579	314	-	1,893
Public Sports Airport	1,170	240	-	1,410
Rental Car Agencies	167	897	23	1,087
Rest Area	172	283	7	462
Restaurant	4,039	7,372	316	11,727
Shopping	113	311	13	437
Ski Resort	7	-	-	7
Sport Centre	652	5,302	146	6,100
Sport Complex	22	67	4	93
Taxi Stand	76	5	-	81
Tourist Attraction	134	214	28	376
Tourist Information	331	336	15	682
Train Station	485	395	28	908
Winery	3	147	9	159
<b>Total POIs</b>	<b>34,919</b>	<b>43,851</b>	<b>2,524</b>	<b>81,294</b>

Note: These are Database Statistics which can differ from the specific Product Statistics.

## DIFFERENCES BETWEEN Q1/2008 AND Q2/2008 RELEASE

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### Main Enhancements

#### Belgium and Luxemburg

- Phonetic transcriptions are provided for street names, administrative area names, POIs and metadata
- Junction View visuals have been added on major motorway crossing and traversals (540 Decision Points images)
- 200 new street names added
- 100% Postal code review in Luxemburg
- Discover Cities added in Brussels
- 3D City Model added in Gent

#### Netherlands

- Phonetic transcriptions are provided for street names, administrative area names, POIs and metadata
- 3D City Model added in Amsterdam and Utrecht

### POI additions/enhancements

#### Belgium and Luxemburg

- Car dealers updated: Audi, Aston Martin, BMW Motorcycle, Cadillac, Chevrolet, Chrysler, Mercedes-Benz, Opel, Porsche and Saab
- Car dealers added: Hummer and Mazda
- Auto Service & Maintenance added: Cadillac, and Hummer
- New POI category added: Consumer Electronics Store
- POI category updated: Hotels, Police Stations and Rental Car Agencies
- Direct Access POI's updated: hotels and restaurants
- Airport Charleroi fully updated

#### Netherlands

- Auto dealer updates: Mercedes, Chrysler, Chevrolet, Opel, Saab, Audi, Aston Martin
- Auto dealer New: Mazda, Cadillac, Hummer
- Auto Service & Maintenance New: Cadillac, Hummer
- Motor dealer update: BMW
- Direct Access updates: Hotels & Restaurants
- Direct Access new: Home specialty store (new POI category)
- Police stations expanded to 100% coverage
- New category Consumer Electronic Store added to the database
- Hotel Star rating update done

## DIFFERENCES BETWEEN Q4/2007 AND Q1/2008 RELEASE

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### Main Enhancements

#### Belgium and Luxemburg:

- Functional Classes 3-4 in Belgium (40%) ADAS creation
- 77 street names added in Belgium

#### Netherlands:

- The following 9 cities (1.1 million inhabitants) have been field checked and updated in the database: Enschede, Breda, Tilburg, Schiedam, Vlaardingen, Valkenswaard, Nijmegen, Deurne, Eindhoven

### POI additions/enhancements

#### Belgium and Luxemburg:

- Car dealers updated: Chrysler, Mercedes-Benz, Volvo
- Car dealers added: Mitsubishi
- Auto Service & Maintenance added: Mitsubishi
- New POI category added: Grocery Store (Belgium) and Police Station (Luxemburg)
- POI category updated: Bowling Centre, Cinema and Ice Skating Rink

#### Netherlands:

- Auto dealerships updated: Mercedes, Chrysler, Volvo, Mitsubishi
- Auto Service & Maintenance added: Mitsubishi
- Direct Access Parking Garages and Parking Lot Q-Park
- Direct Access Restaurant; Hotels added

## DIFFERENCES BETWEEN Q3/2007 AND Q4/2007 RELEASE

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### Main Enhancements

#### Belgium and Luxemburg:

- Functional Class 2 (100%) and Functional Classes 3 and 4 (BB: 30% and LU: 100%) to ADAS specification
- Driver Alert added on Functional Classes 1 and 2
- Lane Marking and Traffic Lights added on all Extended Lane junctions for the following cities: Brussels (Province), Antwerp, Gent, Charleroi, Luik, Bruges, Namur, Luxemburg
- 3D city models are available for Antwerp, Bruges and Brussels

#### Netherlands:

- Lane Marking and Traffic Lights added on all Extended Lane junctions for the following cities: Amsterdam, Rotterdam, Den Haag, Utrecht, Eindhoven, Groningen, Nijmegen, Maastricht
- 3D city models are available for Den Haag, Eindhoven and Rotterdam

### POI additions/enhancements

#### Belgium and Luxemburg:

- Car dealers updated: Chevrolet, Chrysler, Citroën, Lamborghini (BB), Lexus, Mercedes-Benz, Opel, Peugeot, Renault, Saab, Seat, Skoda, Toyota, and Volkswagen
- Auto Service & Maintenance added: Lexus, Skoda (LU), Toyota and Volkswagen (LU)
- Auto Service & Maintenance updated: Citroën, Renault, Seat, Skoda (BB), and Volkswagen (BB)
- New POI category added: Pharmacy and Police Station (BB)
- POI category updated: Restaurants (LU + 50% in BB), and Hotels (LU)
- Actual Location added to POI category: Amusement Park, BMW/Mini car dealers, Convention/Exhibition Centre, Golf Course, Hospitals, Shopping Centre, and Sport Complex

## DIFFERENCES BETWEEN Q2/2007 AND Q3/2007 RELEASE

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### Main Enhancements

#### Belgium and Luxembourg:

- 7 cities have been fully updated (Fléron, Geraardsbergen, Lier, Olne, Marche-en-Famenne, Ronse and Waregem)
- 3D City Models added in Brussels, Antwerp and Bruges
- Belgium: FC1 (100%) ADAS update and FC2 (50%) ADAS creation
- Luxembourg: FC1 (100%) ADAS update; FC2 (50%), FC3 (40%) and FC4 (40%) ADAS creation
- Truck Attributes on FC1-2 and 40% of FC3-4 in Belgium and on FC1-4 in Luxembourg

#### Netherlands:

- New residential areas have been added, with a total length of new road geometry of 232 km
- 5 Cities, covering 222,000 inhabitants, were updated in the field: Beunigen (Gld), Gorinchem, Hardenberg, Katwijk and Veldhoven
- Truck attribute added

### POI additions/enhancements

#### Belgium and Luxembourg:

- Added 2,051 POIs, excluding Named Places
- Car dealers updated: Bentley, Chrysler, Ford, Mercedes-Benz, Porsche, Rolls Royce, and Volkswagen
- Car dealers added: Hyundai
- New POI categories added: ATM, Cemetery, Place of Worship, and Post Office

#### Netherlands:

- Added 155 POIs, excluding Named Places
- Added POI Auto Dealerships: Mitsubishi
- Updated: POI Auto Dealerships: Volvo, Mercedes, Chrysler, Jaguar and Land Rover
- Updated: POI Auto Service & Maintenance: Jaguar and Land Rover