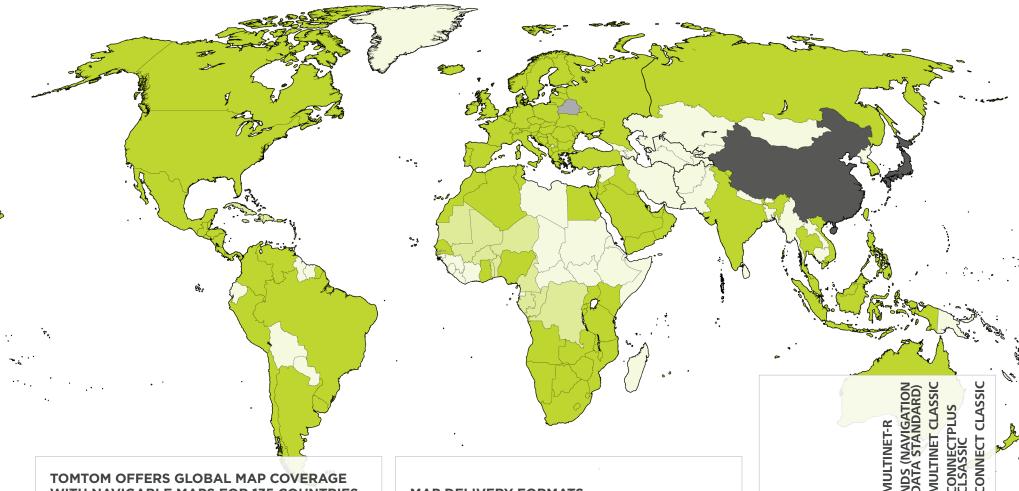


HIGHLY ACCURATE AND UP-TO-DATE MAPS TO POWER LEADING NAVIGATION APPLICATIONS AND LOCATION-BASED SERVICES.



WITH NAVIGABLE MAPS FOR 135 COUNTRIES

As of 2016 O1



ADVANCED NAVIGABLE COVERAGE



BASIC NAVIGABLE COVERAGE



BASIC ROUTING AND DISPLAY COVERAGE



ADVANCED NAVIGABLE COVERAGE FOR THE **MOST IMPORTANT MOTORWAYS ONLY**



PARTNER PRODUCT - ADVANCED NAVIGABLE COVERAGE

MAP DELIVERY FORMATS

MULTINET-R

The next generation of MultiNet, delivers all high-quality content layers of the map database in a single and easy to use intermediate format data model

NAVIGATION DATA STANDARD (NDS)

Offers modular, plug and play maps ready for use in NDS software applications

MULTINET, CONNECTPLUS AND CONNECT CLASSIC

Classic product format for delivering our rich and accurate data

Automotive	*	*	1		
Personal Navigation	~	-	~	~	
Internet & Wireless	~		~	~	~
Enterprise	-			-	-

Turn-by-turn Navigation ✓

Basic Navigation	*	~	~	~	
Routing and Display	~	4	1	~	~
Geocoding	-	-	-	-	

Back road flags

Lane information

Bifurcation guidance

MAP ENHANCEMENT PRODUCTS



ENHANCEMENT PRODUCTS PROVIDE ADVANCED FIND, GUIDE, AND DISPLAY CAPABILITIES

Road classes for display and routing

Road type

'n	Address Points Discrete points with X, Y coordinates	Digital Elevation Model Representation of landscape altitude to enhance display	Logistics Commercial vehicle restrictions for truck-related routing	Signpost Images Graphic representation of signpost information including main destinations, exit numbers, road numbers, and directional arrows
I;=	Administrative Areas Commercial grade municipal boundary and census data	Geospatial for Oracle Map content pre-modeled for use with Oracle Spatial and Oracle's spatial Fusion Middleware components	MultiNet Enterprise Comprehensive and run-time ready street network database	Voice Maps Text to speech and speech recognition technology to enhance the spoken navigation experience
•	Advanced City Models Provides basic, un-textured 3D models up to photo-realistic textured 3D models	HD Map Highly accurate border-to-border model of the road	Post Commercial grade post data	World Boundary Map Physical, political, and geographical features for realistic map display
3	Advanced Driving Attributes Gradient, road curvature, and other features that power safety, efficiency, and comfort applications	Junction Views Photo-realistic view of junctions	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
Ø	Celebrity Voices Capture voices of celebrities including Darth Vader and Snoop Dog	Locality Index Real-world locality context for road, ferry and address area boundary features	RoadDNA Robust and scalable localisation technology	3D Landmarks and Landmark Icons Photo-realistic 3D representations of landmarks and waypoints
1	E MAP FEATURES E MAP LAYER INCLUDES ALL ATTRIBUT	TION NEEDED TO SUPPORT TURN-BY-TURN	I NAVIGATION, BASIC NAVIGATION, ROUTING	i, DISPLAY, AND GEOCODING
4	House number ranges	One-way and closure information	Signpost information	1 st St. Street names

Verified speed limits

Street geometry

automotive.tomtom.com - geospatial.tomtom.com

TMC traffic messaging

Use and turn restrictions

Germany

Ghana

TOMTOM

FOR 135 COUNTRIES AND 29 TERRITORIES

ı	ADVANCED NAVIGABLE COVERAGE	Greece	New Zealand	
		Grenada	Nicaragua	
ı	Albania	Guatemala	Nigeria	
	Algeria	Haiti	Norway	
	Andorra	Honduras	Oman	
ı	Angola	Hungary	Panama	
ı	Antigua and Barbuda	Iceland	Peru	
ı	Argentina	India	Philippines	
ı	Australia	Indonesia	Poland	
ı	Austria	Iraq	Portugal	
ı	Bahamas	Ireland	Qatar	
ı	Bahrain	Israel	Romania	
ı	Barbados	Italy	Russian Federation	
ı	Belgium	Jamaica	Rwanda	
ı	Bosnia-Herzegovina	Jordan	Saint Kitts and Nevis	
ı	Botswana	Kenya	Saint Lucia	
ı	Brazil	Korea, Republic of (South)	Saint Vincent and the Grenadines	
ı	Brunei Darussalam	Kosovo	San Marino	
Į	Bulgaria	Kuwait	Saudi Arabia	
Ì	Burundi	Latvia	Senegal	
ı	Canada	Lebanon	Serbia	
ı	Chile	Lesotho	Singapore	
ı	Colombia	Liechtenstein	Slovakia	
ı	Costa Rica	Lithuania	Slovenia	
ı	Croatia	Luxembourg	South Africa	
ı	Cuba	Macedonia	Spain	
ı	Cyprus	Malawi	Swaziland	
ı	Czech Republic	Malaysia	Sweden	
ı	Denmark	Malta	Switzerland	
Do	Dominica	Mauritius	Taiwan (Republic of China)	
ı	Dominican Republic	Mexico	Tanzania	
ı	Egypt	Moldova	Thailand	
ı	El Salvador	Monaco	Trinidad and Tobago	
I	Estonia	Montenegro	Tunisia	
l	Finland	Morocco	Turkey	
	France	Mozambique	Uganda	
1	C	Namilia		

United Kingdom
United States
Uruguay
Vatican City
Venezuela (Bolivarian Republic of)
Vietnam
Yemen

BASIC NAVIGABLE COVERAGE

Benin Burkina Faso Cameroon Congo

7ambia

Zimbabwe

Democratic Republic of the Congo Gabon Kazakhstan

Mali Mauritania Niger Togo

> ADVANCED NAVIGABLE COVERAGE FOR THE MOST IMPORTANT MOTORWAYS ONLY

Belarus

PARTNER PRODUCT -ADVANCED NAVIGABLE COVERAGE

China and Japan



Anguilla Aruba

Azores and Madeira

Balearic Islands

Bermuda

British Virgin Islands

Canary Islands
Cayman Islands

Channel Islands

Curaçao French Guiana

Gibraltar Guadeloupe

Guam

NAVIGABLE TERRITORIES

Hong Kong Special Administrative Region of China

Isle of Man

Macao Special Administrative Region of China

Martinique Mayotte Montserrat Puerto Rico

Reunion

Saint Martin (French part)

Saint-Barthélemy Sint Maarten

Turks and Caicos Islands
United States Virgin Islands

Western Sahara

BASIC NAVIGABLE COVERAGE

Bonaire, Saba and Sint Eustatius

Important Note: Countries are defined as per the United Nations list of sovereign states (member states, observer states, or UN specialized agencies).

Ukraine

United Arab Emirates

Namibia

The Netherlands

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