

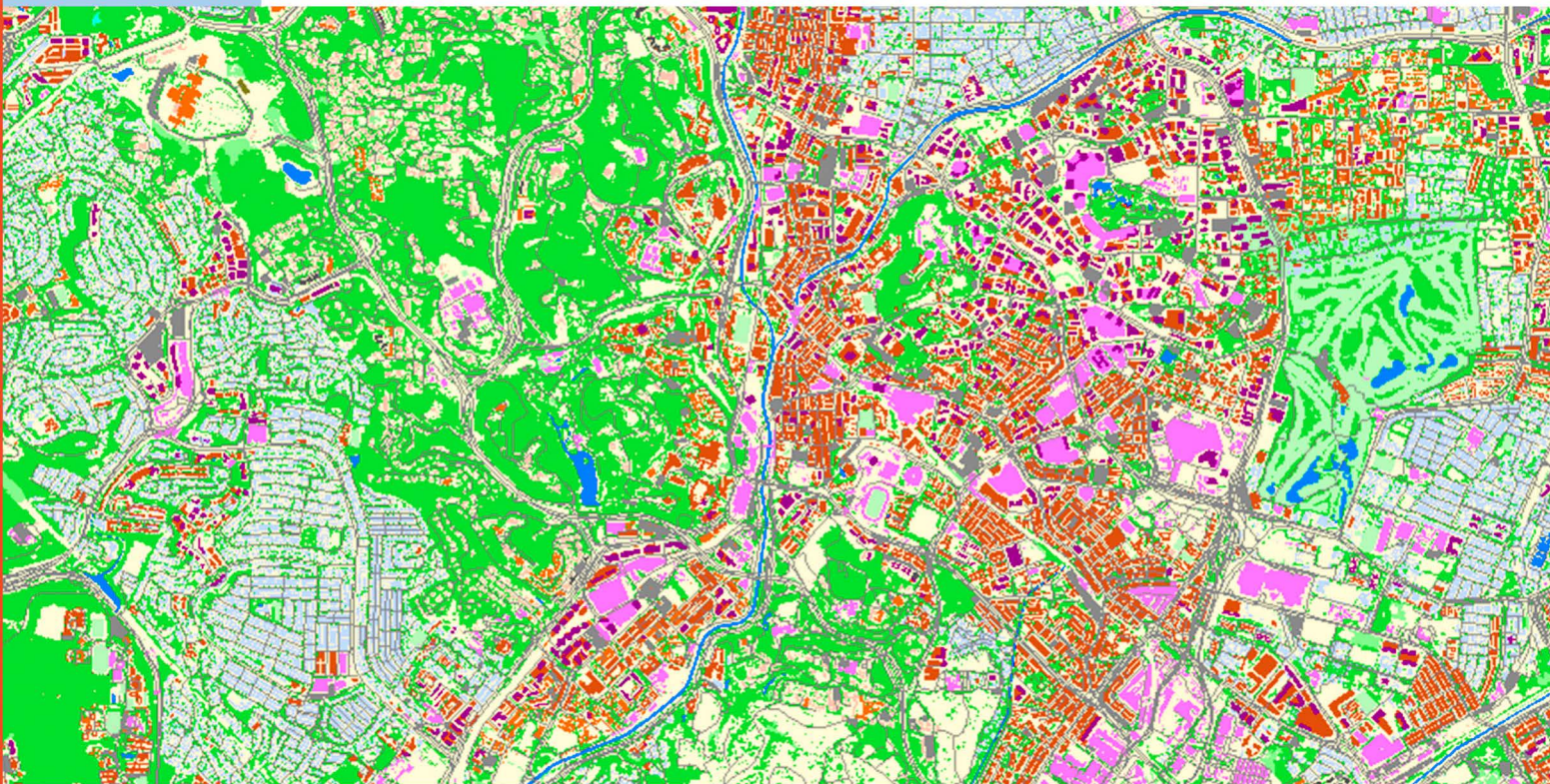
UNITED ARAB EMIRATES COUNTRYWIDE MODEL



WE FOCUS ON THE PRODUCTION OF DIGITAL MAPPING PRODUCTS FOR THE WIRELESS TELECOMMUNICATION INDUSTRY

STARTING WITH THE IMPLEMENTATION OF THE 2G NETWORKS AND FURTHER DEPLOYMENT OF 3G, 4G AND 5G ONES WE SUPPORT OUR CUSTOMERS BY PROVIDING THEM WITH HIGHLY ACCURATE GEOSPATIAL DATA.

TAILORED FOR THE NEEDS OF THE TELECOM MARKET, OUR GEODATA PRODUCTS ENABLE YOU TO ACHIEVE ACCURATE RESULTS ALONG WITH NETWORK PLANNING AND OPTIMIZATION



REGIONAL 2D MODEL WITH TOTAL AREA - 83600 KM²

RESOLUTION: 10M OR 5M

REGIONAL MODELS DATA SET:

- DIGITAL TERRAIN MODEL (DTM)
- CLUTTER / LAND USE MODEL (UP TO 22 CLASSES)
- VECTOR MODEL
- TEXT LABELS (NAMES OF SETTLEMENTS, RIVERS, RAILWAYS, ETC.)
- POPULATION DISTRIBUTION MODEL
- DETAILED ADMINISTRATIVE BORDERS
- **SUPPORTING OF ARABIC AND ENGLISH LANGUAGES**

REGIONAL MODELS MAY BE INTEGRATED WITH 2D URBAN ONES TO IMPROVE THEIR ACCURACY IN URBAN AND SUBURBAN AREAS

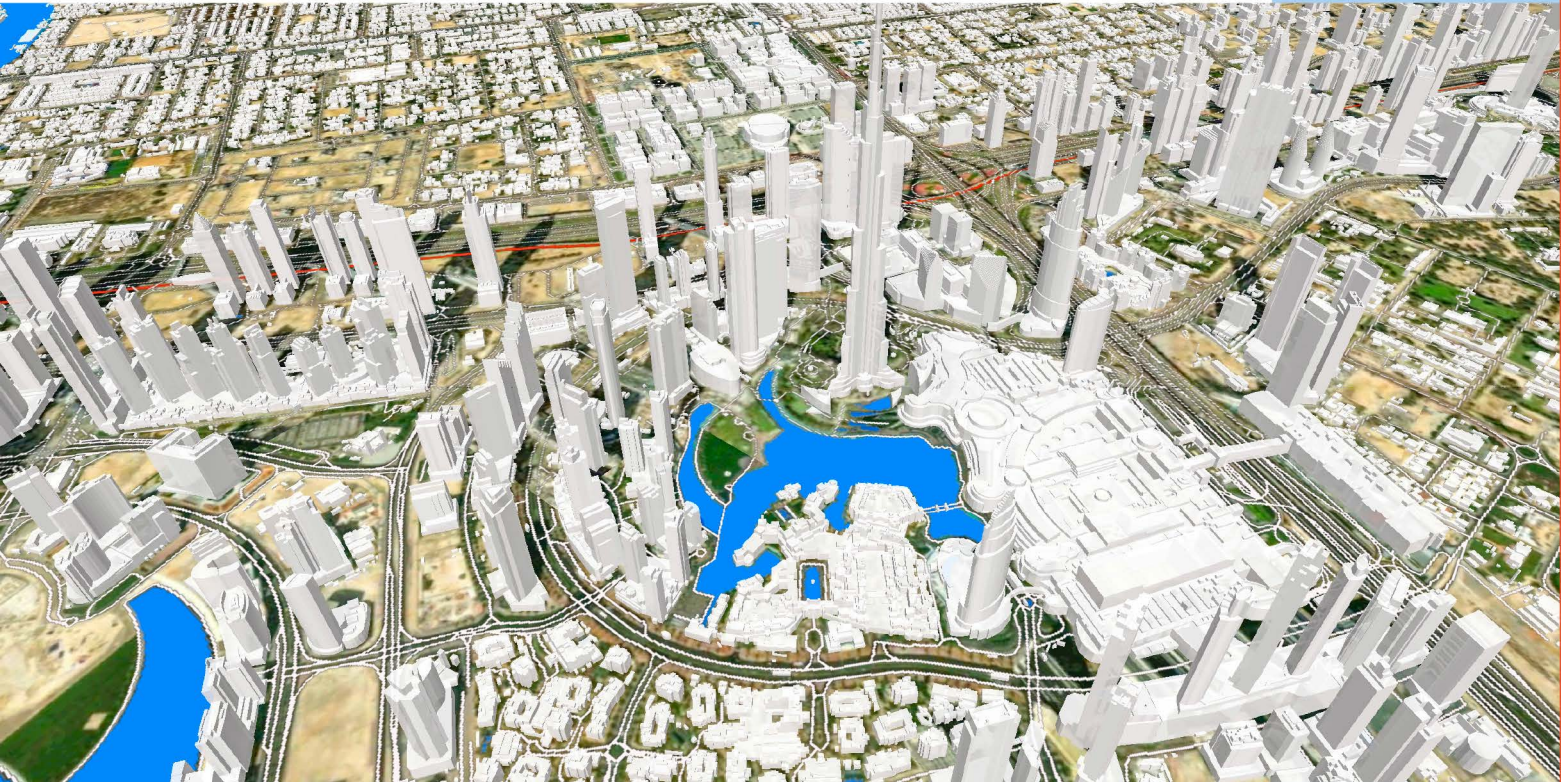


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3D MODELS FOR 5G PLANNING
1M OR 2M RESOLUTION



3D COUNTRYWIDE MODEL

2 000 000 LOD 1.3. BUILDINGS WITH ADRESSES

3D MODELS PROVIDE AN ACCURACY RANGE AT VARIOUS LEVELS OF DETAIL REQUIRED BY WIRELESS OPERATORS AND ENSURE HIGH QUALITY AND COMPATIBILITY WITH ALL WAVE PROPAGATION MODELS.

3D MODELS INCLUDE: TERRAIN DATA, 3D BUILDINGS, 3D TREES, 3D BRIDGES, AND OTHER ARTIFICIAL OBJECTS, VECTOR LAYERS LIKE ROADS/STREETS NETWORKS, AND LAND USE CLASSIFIED INTO 28-30 CLASSES. ALL THESE ELEMENTS TOGETHER PROVIDE AN ACCURATE AND DETAILED REPRESENTATION OF CITY INFRASTRUCTURE THAT IS AN OBVIOUS SOURCE FOR ACCURATE RF PLANNING.

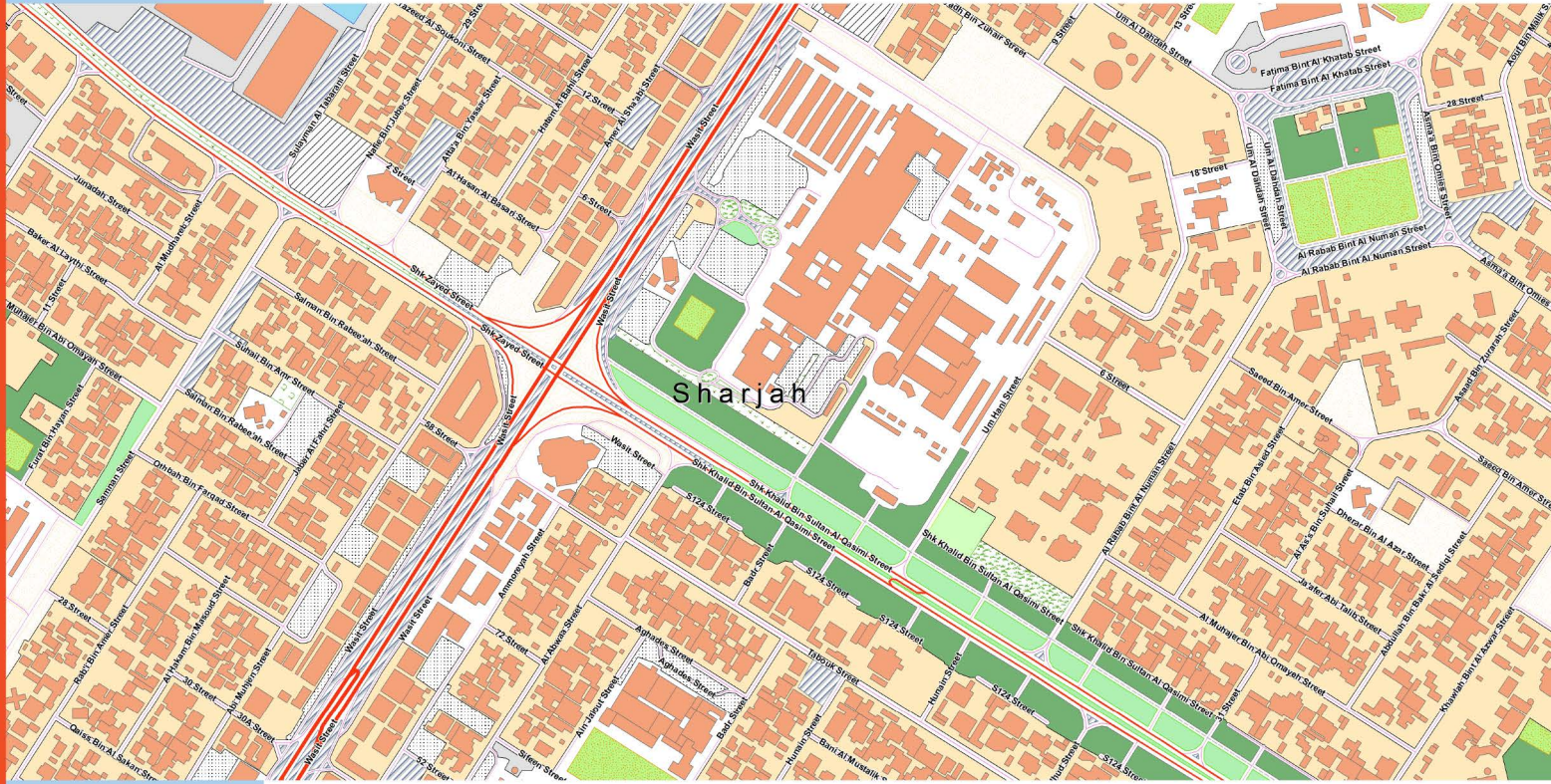
3D AND 2D DATA ARE DELIVERED IN ANY RF PLANNING SOFTWARE - FORSK ATOLL, TEOCO ASSET, INFOVISTA PLANET, ATDI ICS TELECOM, RANPLAN PROFESSIONAL, ETC.

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VISICOM[®]
DIGITAL MAPS WORLDWIDE

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GEOSPATIAL DATA



DELIVERED DATA SETS

3D BUILDINGS LOD1.3	2 000 000 buildings around the country, all big cities are included
ROAD AND RAILWAY NETWORKS	Total length - 111 193 km Pedestrian roads are included Street names in Arabic and English
HYDROGRAPHY	All water objects with names in Arabic and English: Rivers, Lakes, Reservoirs, Sea, Sea bay, Sea gulfs, Springs, Flooding areas, Swamps, Waterfalls
ADMINISTRATIVE BOUNDARIES	5 level of division: Country border, Emirates, Districts, Communas, Settlements, Micro districts
ADDRESSES	457 000 Address points 196 000 Makani 35 579 Building names
POPULATION MAP	10m resolution Day and Night Population Maps for the nationwide