



## Committed to delivering high-quality projects

MobileComm has partnered with RMSI, veterans in the business of delivering mapping solutions that meet the needs of RF planners and wireless network designers around the world. Together, we have developed an in-depth understanding of Geo data requirement for telecom market. We offer geodata solutions for fixed wireless (WLL, LMDS) and mobile wireless (GSM, CDMA, TDMA, UMTS and WiMAX. . .) networks. The solutions offered by us can be used in a variety of wireless applications, ranging from preliminary regional network planning and coverage analysis to micro-cell design, line-of-sight analysis, network expansion and site acquisition.

### GIS - Products and Services, Worldwide Coverage



#### 3D CITY DATA PACKAGE

**Area Coverage:** Covers client specified urban sprawls

**Resolution:** 1 to 5 meters

**Layers:** Digital Terrain Model (DTM), Digital Surface Model (DSM), Digital Building Height Model (DHM), Vegetation Model, 2D Linear Feature, Clutter (Land Use), Ortho-imagery (satellite image/aerial photo backdrop)

**Input Sources:** High-resolution stereo satellite imagery (Quick bird, IKONOS, SPOT 5, Cartosat); digital aerial imagery, large-scale topographic mapping



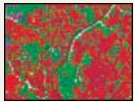
#### IMPROVED URBAN DATA

**Area Coverage:** Covers client specified dense urban sprawls for the main cities

**Resolution:** 5-10 meters

**Layers:** Digital Terrain Model (DTM), Clutter (Land Use), Vector (Linear), Ortho-imagery (satellite image backdrop)

**Input Sources:** 1:25,000 scale or better topographic mapping, high-resolution satellite imagery (IRS PAN, CARTOSAT 2.5, SPOT 5), city guide maps and other available reference mapping



#### URBAN DATA PACKAGE

**Area Coverage:** Covers client specified urban sprawls

**Resolution:** 10 to 20 meters

**Layers:** Digital Terrain Model (DTM), Clutter (Land Use), Vector (Linear), Ortho-imagery (satellite image backdrop)

**Input Sources:** 1:50,000 scale or better topographic mapping, medium-resolution satellite imagery (IRS, CARTOSAT, LANDSAT, ASTER, SPOT), city guide maps and other available reference mapping



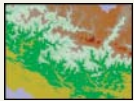
#### IMPROVED REGIONAL DATA PACKAGE

**Area Coverage:** Covers complete countries or client-specified regions.

**Resolution:** 20 to 60 meters

**Layers:** Digital Terrain Model (DTM), Clutter (Land Use), Vector (Linear), and Text

**Input Sources:** SRTM, 1:100,000 scale topographic mapping, medium-resolution satellite imagery (IRS, LANDSAT, ASTER, SPOT) road atlases and other available reference mapping



#### REGIONAL DATA PACKAGE

**Area Coverage:** Covers complete countries or client-specified regions.

**Resolution:** 50 to 200 meters

**Layers:** Digital Terrain Model (DTM), Clutter (Land Use), Vector (Linear), and Text

**Input Sources:** SRTM, 1:200,000 to 1:500,000 scale topographic mapping, medium-resolution satellite imagery (IRS, LANDSAT), road atlases and other available reference mapping



#### POPULATION DATABASES

We provide comprehensive and up-to-date population databases at different administrative levels for countries, cities and towns. This demographic information can also be statistically distributed using satellite image derived land use data.



#### FORMAT CONVERSION

We undertake custom projects to transform client data into different projection systems, update old datasets with freshly created data, change the resolution of datasets, and convert data from one file format to another.



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Our mapping solution for the telecom industry is used by operators, equipment suppliers and network planning engineers. We are one of the world leading suppliers of digital mapping with on self inventory of database – over 1,000 cities, over 40 countries

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For more information regarding MobileComm's GIS, please visit our website [www.mcpsinc.com/geodata](http://www.mcpsinc.com/geodata)