GEOSPATIAL DATA SOLUTIONS FOR TELECOMMUNICATIONS
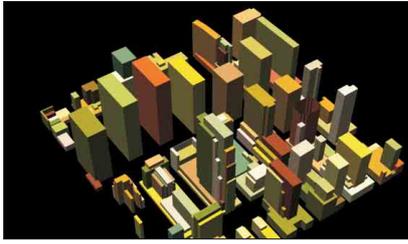

3D BUILDING DATA PACKAGE

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), and Ortho-imagery (satellite image/aerial photo backdrop)
Input Sources: High resolution stereo satellite imagery (QuickBird, IKONOS), digital aerial imagery, and large scale topographic mapping

3D BUILDING BLOCK DATA PACKAGE

Area Coverage: Covers client specified urban sprawls
Resolution: 5 to 10 meters
Layers: Digital Terrain Model (DTM), Block Building Height Model, 2D Linear Feature, Clutter (Land Use), and Ortho-imagery (satellite image/aerial photo backdrop)
Input Sources: High resolution satellite imagery (SPOT 5, Cartosat) and large scale topographic mapping
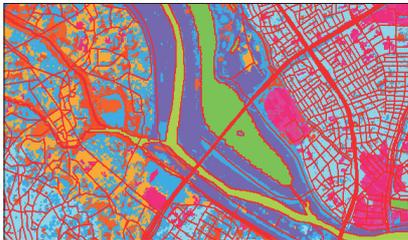

IMPROVED URBAN DATA PACKAGE

Area Coverage: Covers client specified dense urban sprawls for the main cities
Resolution: 5 to 10 meters
Layers: Digital Terrain Model (DTM), Clutter (Land Use), Vector (Linear), and Ortho-imagery (satellite image backdrop)
Input Sources: 1:25,000 scale or better topographic mapping, mid to high resolution satellite imagery (IRS PAN, CARTOSAT 2.5, SPOT 5 PRISM), city guide maps, and other 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), and Ortho-imagery (satellite image backdrop)
Input Sources: 1:50,000 scale or better topographic mapping, medium resolution satellite imagery (IRS, LANDSAT, ASTER, AVNIR, SPOT), city guide maps, and other 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 reference mapping
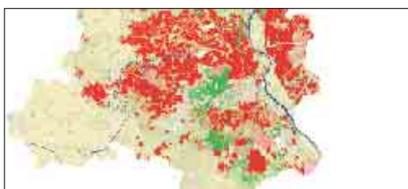

REGIONAL DATA PACKAGE

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, AWIFS), road atlases, and other reference mapping

POPULATION DATABASES

RMSI provides 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.

GEODATA SOLUTIONS THAT MEET YOUR BUSINESS NEEDS

RMSI has been in the business of delivering mapping solutions that meet the needs of RF planners and wireless network designers around the world, for over 14 years. Today, RMSI is one of the world's leading suppliers of digital map databases for wireless network planning.

RMSI offers geodata solutions for fixed wireless (WLL, LMDS) and mobile wireless (GSM, CDMA, TDMA, UMTS and WiMAX) networks. The solutions offered by RMSI can be used for multiple wireless applications, ranging from preliminary regional network planning and coverage analysis to micro-cell design, line-of-sight analysis, network expansion, and site acquisition.

RMSI has established a leadership position in the 3D data market for mobile wireless technologies, by pioneering a unique and cost effective approach. The success of the company hinges on its unparalleled domain expertise and understanding, specifically in mapping data needs for RF network planning. RMSI has a deserved reputation for developing innovative and cost effective digital map data solutions, on time and to budget.

RMSI has developed one of the largest international inventories of off-the-shelf geodata products in the industry. Our large production capacity ensures that, based on client requirements, we can create customized data within a quick turnaround time, for any country, region or city.

THE RMSI ADVANTAGE

- Amongst the World leaders in the business
- Pioneers and market leaders in optimized 3D databases
- In-depth understanding of RF design requirements
- Customized solutions of varying accuracy & levels of detail
- One of the largest off-the-shelf databases
- Global partnering agreements with telecom majors
- Highly competitive and flexible pricing approach
- Dedicated R&D teams for constant innovations
- Fast execution and rapid delivery
- Product oriented approach for cost benefits
- Delivery in all major file formats
- Flexibility in meeting changing client requirements
- Stringent Quality Control and Assurance

SOME OF RMSI'S CLIENTS

- Aircom International
- Alcatel-Lucent
- Alvarion
- ATDI
- Bharti Airtel
- Cable and Wireless
- Ericsson
- Huawei Technologies
- Hutchison
- Idea Cellular
- Infoterra
- LCC International

- Motorola
- Nokia Siemens Networks
- Nortel
- Qualcomm
- Reliance Infocomm
- Samsung
- Spice Communications
- Tata Teleservices
- Telsima Communications
- Vodafone
- ZTE Corporation

DISCOVER THE POWER OF GLOBAL PARTNERSHIPS

Leveraging RMSI's competitive geodata solutions has helped many wireless telecommunication companies. It can help you too.
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