

Land Info offers a variety of digital topographic map data and satellite imagery products of Czech Republic including DEMs (Digital Elevation Models) and vector layers such as contours, hydrology & transportation/roads. All data is delivered in industry standard file formats such as GeoTiff, NITF, ER Mapper .ecw, LizardTech MrSID .sid, JPG2000 .jp2, Idrisi .rst, ERDAS .img, ESRI .shp shapefile or .mdb GeoDatabase, AutoCAD .dxf or .dwg, MicroStation .dgn, MapInfo MIF/MID/TAB, USGS ASCII .dem, ARC ASCII GRID, DTED and .bil (other formats available upon request). All data includes customer choice of projection. Contact us for educational and volume purchase discounts. Please note that due to copyright restrictions some map products are only available in their original printed format.



**Digital topographic maps available as DRGs (Digital Raster Graphics), vector layers and/or DEMs (Digital Elevation Models: 20m - 90m resolution):**

- Full coverage of Czech Republic via 787 national 1:25,000 topographic maps
- Full coverage of Czech Republic via 287 Russian military 1:50,000 topographic maps
- Full coverage of Czech Republic via 217 national 1:50,000 topographic maps
- Full coverage of Czech Republic via 83 Russian military 1:100,000 topographic maps
- Full coverage of Czech Republic via 64 national 1:100,000 topographic maps
- Full coverage of Czech Republic via 19 national 1:200,000 topographic maps
- Full coverage of Czech Republic via 30 Russian military 1:200,000 topographic maps
- Full coverage of Czech Republic via 12 US NGA 1:250,000 JOG topographic maps
- 40% coverage of Czech Republic via 1 US 1:1,000,000 ONC aeronautical topographic map

Czech Republic	
Land area .....	77,247 sq km
Water area .....	1,620 sq km
Total area .....	78,867 sq km
Land boundaries .....	1,989 km
Coastline .....	0
Lowest point .....	Elbe River 115 m
Highest point .....	Snezka 1,602 m

**Large-scale (detailed) city mapping available as DRGs (Digital Raster Graphics), vector layers and/or DEMs (Digital Elevation Models: 5m - 10m resolution):**

- Brno, Czech Republic – 4 Russian military 1:10,000 topographic City Plan maps
- Ceske Budejovice, Czech Republic – 4 Russian military 1:10,000 topographic City Plan maps
- Chomutov, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map
- Decin, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map
- Frydek-Mistek, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map
- Havirov, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map
- Hradec Kralove, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map
- Jihlava, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map
- Karlovy Vary, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map
- Kladno, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map
- Liberec, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map

## Czech Republic (continued)

Milowitz & Lysa-nad-Labem, Czech Republic – 2 Russian military 1:10,000 topographic City Plan maps  
Mlada Boleslav, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Olomouc, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Opava, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Ostrava, Czech Republic – 4 Russian military 1:10,000 topographic City Plan maps  
Pardubice, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Plzn, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Prague (Praha), Czech Republic – 9 Russian military 1:10,000 topographic City Plan maps  
Prerov, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Pribram, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Prostejov, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Tabor, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Teplice, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Uhersky Brod, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Usti nad Labem, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map  
Zlin, Czech Republic – 1 Russian military 1:10,000 topographic City Plan map

### **Off-shelf global data of Czech Republic–low-cost, rapid delivery:**

Czech Republic VMAP-0 – US NGA 1:1,000,000 vector mapping  
Czech Republic SRTM3 – Shuttle Radar Topography Mission 3 arc second (ca. 90m) resolution DEMs  
Czech Republic SRTM30 – the earlier GTOPO30 30 arc second (ca. 1km) resolution worldwide DEM dataset enhanced with reduced resolution SRTM where available  
Czech Republic GeoCover 1990 30m resolution 7-4-2 Landsat 5 ortho imagery  
Czech Republic GeoCover 2000 15m resolution 7-4-2 Landsat 7 ortho imagery

### **Satellite imagery:**

High-resolution satellite imagery including GeoEye Ikonos 1m & GeoEye-1 50cm, DigitalGlobe QuickBird 60cm, WorldView-1 50cm, WorldView-2 50cm & CitySphere of Czech Republic  
Medium-resolution satellite imagery for cost-effective large-area coverage including Astrium GEO-Information Services SPOT Image 2.5m - 20m & SPOTMaps, ALOS 2.5m - 10m, RapidEye 5m, ASTER 15m and Landsat 15m - 30m of Czech Republic

### **Image processing, vector feature extraction, classification and terrain modeling:**

Image processing services including orthorectification, tonal balancing, mosaic output, pan-sharpening, band manipulation, natural color simulation, 16- to 8-bit scaling/DRA (Dynamic Range Adjustment), cloud-patching, atmospheric correction, wavelet compression, GPS GCP (Ground Control Point) target location and accuracy assessment

Classification services including land-use, land-cover, vegetation and impervious surface mapping

2d vector feature extraction including roads/transportation, hydrology and building footprints

3d terrain modeling via auto-correlation and photogrammetric methods using stereo satellite imagery including high-res (Ikonos, GeoEye-1, WorldView-1 & WorldView-2--up to 1m post spacing), ALOS (10m post spacing), SPOT Image (20m post spacing), ASTER (30m post spacing) or radar (10m post spacing); Intermap DEMs (5m post spacing) from airborne radar are also offered of select locations. 3d building models with customer choice of LOD (Level of Detail) are extracted from stereo or off-nadir imagery

## Czech Republic (continued)

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**Contact us** with your AOI (Area of Interest) for a scene search to determine if the imagery you need is already in archive or has to be custom-acquired.

### **LAND INFO Worldwide Mapping, LLC**

Founded in 1993, LAND INFO Worldwide Mapping, LLC (Land Info) maintains one of the world's largest commercial archives of digital and paper topographic map and nautical chart data. Complemented by a variety of high-resolution and medium-resolution satellite imagery products, our total focus on data enables us to deliver high-quality solutions with rapid turn-around at competitive prices.

The markets we serve include mapping and geographic information systems (GIS), academia, national security and defense, visualization/simulation, aviation, wireless communications and other utilities, mining, oil & gas, conservation, hydrology, civil and environmental engineering, conservation, humanitarian assistance, land surveying, development, fleet management, mass media and motion pictures, among others.

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