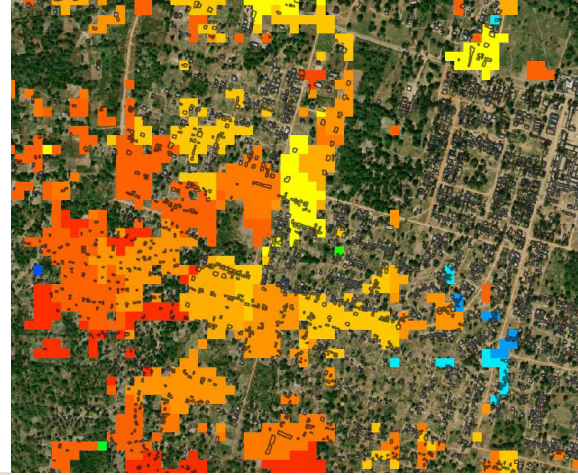




GLOBAL CENSUS SOLUTIONS

DATA SHEET



Counting dynamic populations

Cities around the world are growing rapidly, and local and national governments need an accurate accounting of dynamic populations to undertake a variety of activities related to policy making, planning and civil administration. Historically, census projects have been a time- and resource-intensive process of household enumeration, manual mapping and offline data aggregation. These traditional methods can result in outdated, incomplete, or inconsistent data and maps, but now governments have new opportunities to modernize their approach.

Save time and resources on key census tasks



Reduce time needed to create basemaps, Enumeration Areas, and conduct fieldwork



Reduce costs by decreasing staff needed to field-verify enumeration areas, optimizing field work for data collection and reusing digitized basemaps across multiple activities

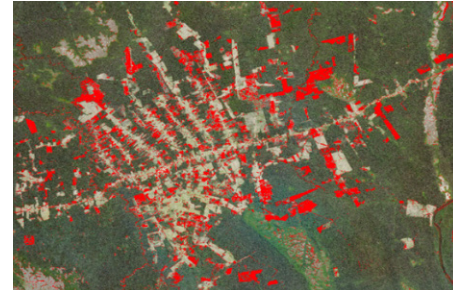


Improve effectiveness and increase societal benefits with advanced analytics and data sharing

Versatile and shareable data

- Improving foundational data can facilitate better decision-making across different agencies and geographies over time
- Sharable census data can also support other agencies and programs that rely on population information

CHANGE MONITORING



Change monitoring depicts location, extent, timeframe and rates of change in your area



Rapid extraction of country-wide structures automatically provides new context and detail



Frequently updated, high-resolution imagery mosaics, with global coverage

MAXAR

Persistent Change Monitoring

- PCM is an image-based change detection data layer
- Eliminates the need to manually analyze imagery for feature changes, saving up to 90% of the time and cost to update and maintain GIS databases
- Cost-effective, automated, multi-date change detection that enables easy updates at local, municipal, or national scale
- Designed to differentiate between persistent and transient changes
- Available in GIS-ready formats including GeoTIFF raster, shapefile and KMZ

Vivid Mosaics

- The best foundation for building accurate, aesthetic satellite imagery basemaps
- High-resolution, seamless, country-wide coverage makes an ideal dataset for census projects
- 3-band pan-sharpened natural color, 50 cm resolution and cloud cover less than 5% globally
- Entire image layer updated annually
- Average image age <20 months globally
- Ingest offline into a GIS software platform, host through an online portal, or input into your own system

Ecopia Building Footprints

- GIS-ready, 2D shapefile polygons showing the geometric footprint of structures visible in imagery
- Best coverage and highest accuracy available of any building footprint product on the market: +95% valid interpretation of all global structures
- Proprietary semi-automated extraction process produces building footprints quickly and at scale
- Entire image layer updated annually
- Average image age <20 months globally
- Metadata includes image collection and footprint extraction dates

SOLUTIONS FOR END-TO-END CENSUS PLANNING AND EXECUTION

