

At-a-glance

Company

earthmine is a street-level, 3D mapping company that provides software and data as a service to those that need to relate information to places.

The company is focused on indexing reality, creating a robust geospatial data mine of our urban environments that is accessed from the human perspective, and an order of magnitude more detailed and accurate than anything before.

For those that gather, analyze and communicate location-based information from a street-level perspective, earthmine solutions enable better informed and more efficient geospatial decision making by delivering a highly accurate and realistic user experience that can be easily viewed, annotated, analyzed, measured and shared.

Founded 2006

Ownership Private

Headquarters Berkeley, CA

Management

Anthony Fassero, Founder & co-CEO

John Ristevski, Founder & co-CEO

Kris Kelsay, Business Development

Applications

- ▶ Engineering and Construction
- ▶ City Infrastructure Management
- ▶ Real Estate
- ▶ Architecture and Design
- ▶ Insurance
- ▶ Local Search
- ▶ Homeland Security
- ▶ Emergency Services
- ▶ Disaster Management
- ▶ Transportation and Mass Transit
- ▶ Urban Planning
- ▶ Utilities

earthmine is indexing reality. Creating a new datamine of our urban environments that is open, connected, flexible, immersive and scalable. A spatially accurate, truly 3D inventory of our world. It just may be the link that's missing between information and places.

Products and Technology

earthmine is creating a new kind of map, a pre-collected, geospatially accurate data set of the world that is accessed through an intuitive panoramic interface. But earthmine is much more than pretty pictures. Behind every pixel in each high quality image you'll find highly accurate latitude, longitude and elevation, immediately adding three-dimensional context to existing spatial data, and providing a whole new model for data collection.

We call this process indexing reality. Our vehicles drive metropolitan areas with a calibrated camera array, collecting highly accurate and detailed data at the street level. This data is processed into a form that is deliverable over the internet as a subscription service to our customer base. The data collection and processing technology is highly scalable, allowing entire municipalities to be captured in weeks and made available to customers in near real-time, providing a ready-to-use geospatially accurate inventory of our cities.

Due out in early 2008, earthmine products deliver the first street-level geospatial platform for urban environments.

earthmine data libraries

base layer data collection & processing

earthmine pre-collects a base layer of 3D panoramic images—essentially a ready-to-use accurate inventory of our cities that is licensed to customers as a service. These libraries provide the first geospatially accurate and complete street-level 3D data mine of our urban environments include every street, alley and freeway in a municipality with 3D accuracy that rivals a site survey. Utilized through a powerful, high-quality panoramic interface, every pixel in every image has highly accurate longitude, latitude and depth information associated within it.

earthmine professional tools

data management & integration

Through a set of web-based professional tools, users gather, analyze and communicate street-level location-based information and visualize abstract spatial data in context. earthmine utilizes a powerful and immersive panoramic interface to enable intuitive mapping, measuring, drawing, tagging, modeling and exporting of 3D entities from the earthmine data libraries, dramatically changing the accessibility of geospatial data and earthmine tools are designed to seamlessly integrate with any browser-based application as well as existing geospatial information including major GIS applications.

Products will be available to customers on a subscription basis and will be in beta near the end of 2007.