



FIRST BASE SOLUTIONS
CHANGING VIEWS TO GET A BETTER PERSPECTIVE

RAPIDLY RESEARCH SITE DETAILS FOR CIVIL ENGINEERING

You may be planning a new development in a greenfield site or redeveloping a parcel in the core of the urban jungle. You may be dealing with complex geotechnical variability or working around tight timeframes and limited access to the site. Whatever the project, the first step is finding out what's there.

CHALLENGE

To build the project on a solid foundation, it's your job to know what's at the site and what condition it's in - soils, topography, drainage features, existing structures,

surrounding land uses and so on. Finding up-to-date, reliable, detailed land information in order to assess the site's potential is always step one.

SOLUTION

FirstBaseSolutions specializes in producing high resolution aerial imagery for use in commercial applications. Our imagery makes an excellent backdrop for even the most highly detailed small scale mapping focused on a single property, with far more information than can be included in a traditional vector map. Crisp, clear, and unambiguous, our imagery offers civil engineers and CAD technicians a geographically precise depiction of the natural and built features in an area - individual trees and

vegetative cover, footpaths, fences, drainage patterns, roads, above ground utilities, and other structures - with radiometric clarity as good as 3 cm per pixel. Why play guessing games and take unnecessary risks from using second-rate data to plan your project? Be confident that you have the best possible information at your fingertips so you can accurately analyze the site, make educated assumptions, and foresee complications during the project planning phase.

Add or create your own drawing files in context on top of the imagery. Or, since much of the land information research you're planning to do has already been done, simply purchase a variety of relevant vector mapping including:

FEATURES

- Teranet property boundaries and easements
- Digital elevation models
- 1m contours
- Floodplain mapping
- Groundwater, geology, and hydrogeology models
- Custom mapping to extract any features seen in the imagery

BENEFITS

Our one stop shopping approach to spatial data resources allows you to spend less time on research and site visits and more time focused on the real engineering tasks. Plus, adding photographic details of the site to your proposal is far more engaging to non-technical stakeholders than a traditional site plan.

CONCLUSIONS

In addition to custom aerial image acquisition services, we offer three scalable self-service ways to access our archived imagery and data collections:
VuMAP: A feature-packed web-based GIS mapping application that makes it easy to work with your choice of orthophotography and data.
MapWarehouse: Access our online

data library to search, select, download, and work with exactly the high-resolution orthophotography and vector data you need.
FBSWMS: Streaming access to our complete library of orthophotography directly into your CAD or GIS software. Compatible with AutoCAD Civil and Map 3D®, ArcGIS, MapInfo®, MicroStation, Google Earth™ and more!

WANT TO LEARN MORE?



MAPWAREHOUSE is Ontario's largest geospatial data marketplace. Search, select, and download CAD and GIS mapping data 24/7.



VuMAP is a feature-packed online mapping application to view, query, measure, and compare FBS's imagery and geospatial data collection.

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