

**1** Topographic maps and 3D models are produced from aerial imagery.



**FACT**



Sequential photos taken from a moving plane have stereo properties that allow mapping experts to measure heights of features from the images.



*Terrain models for CAD or GIS can be produced on request for any area that has aerial imagery coverage as either digital elevation models with spot heights and break lines, or, contour lines with intervals as good as 1/2 metre.*

Aerial imagery and photo maps are too expensive for my project.

2

It would cost a lot more in travel time and lost opportunity to send a crew and equipment out to a remote site to perform a ground survey.

MYTH



TIP

*Aerial imagery that's ready to use in CAD and GIS software can be purchased through MapWarehouse for as little as \$70 for a 500m x 500m photo tile. With bulk rate discounts, the more tiles you buy, the less you pay per tile.*



### 3 Aerial photo and orthophoto are different things.

#### FACT



Orthophoto starts out as aerial imagery, but gets processed to a uniform scaled, top-down perspective so it can be used in the same way as a map.



*Because orthophotos are geometrically corrected to account for the movement of the airplane, they integrate seamlessly with your existing CAD and GIS mapping and can be used to accurately measure distances and areas.*



Google satellite imagery is free for me to use commercially.

4

Satellite imagery you see on Google Earth needs to be purchased with licensing that would allow you to use it legally for commercial applications.

MYTH



TIP

*Satellite imagery and orthophoto can be purchased from a qualified supplier, like First Base Solutions, and used for commercial projects such as land development, natural resource management, planning and more.*



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Ontario Base Maps from 1983 are still useful more than 30 years later.



**FACT**



The topographic features this series is most often used for seldom change, so the information remains current for many years.



*Produced by the Ministry of Natural Resources, this map series offers the most complete, detailed coverage for the entire province. CAD and GIS formats are now available in addition to the traditional paper and pdf versions.*

## Detailed terrain mapping and elevation data is difficult to get.

6

Digital elevation models and contours at 1m intervals for regions of Ontario can be downloaded on demand from MapWarehouse.

MYTH



*Produced in-house, elevation models from First Base Solutions are clipped into 500m x 500m tiles based on the same grid as orthophoto, making it easy to get identical coverage for map layers that work well together.*



7

Maps are the best way to display data and communicate complex information.



**FACT** Data visualization trends have favoured mapping over tables and charts since patterns are much easier to spot intuitively when mapped.



*Practically anything can be mapped. Spatial relationships can be understood quickly and easily through mapping, giving business leaders the location intelligence they need to support well founded decisions.*

Property information is private  
and not for sale.

8

Anyone in Canada can purchase property boundary mapping through First Base Solutions. The PIN or ARN can then be used to research the property further.

MYTH



TIP

*Property boundary mapping can be purchased in tiles through MapWarehouse that correspond to orthophoto tile limits for a flat price per tile, or, purchased on a parcel by parcel basis as a custom order with bulk rate discounts.*





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The Conservation Authority can dictate how I develop my land.



**FACT**



You may need to have the Conservation Authority interpret floodplain mapping and how the regulations affect your development application.



*Regulatory floodline mapping can be purchased from MapWarehouse. You may need a Development, Interference with Wetlands and Alterations to Shorelines and Watercourses permit before approval.*

You need to be a GIS expert to make maps.

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Geo-data can be created and used easily by novices with no GIS or CAD experience with online applications like VuMAP.

MYTH



*VuMAP offers a free trial subscription. Imagery, elevation data, property lines and other data are accessed through a web application with built in tools to measure, draw, add labels, or research features you see on the map.*

