Trimble Cadastral Surveying & FFP LA Solutions

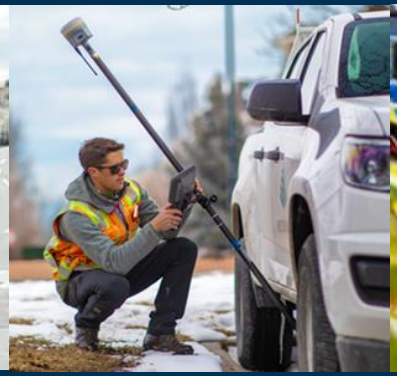
Map and define land ownership with accuracy

Trimble Solutions Hardware Examples

MX 90
Mobile Mapping

X9
Laser Scanner

R12i
GNSS System



SX12
Scan Total Station

Trimble Geospatial Solutions

HARDWARE

Total Stations
GNSS
Laser Scanning
Mobile Mapping
Augmented Reality

SOFTWARE

Trimble eCognition
Trimble Inpho
Trimble Business Center
Trimble Access
Trimble Penmap
Trimble TerraFlex
Trimble SketchUp

CLOUD

Trimble Clarity
Trimble Connect
Trimble Reality Capture

Trimble Cadastral Software

Office Preparation → Fieldwork → Office Processing

Trimble Cadastral Surveying

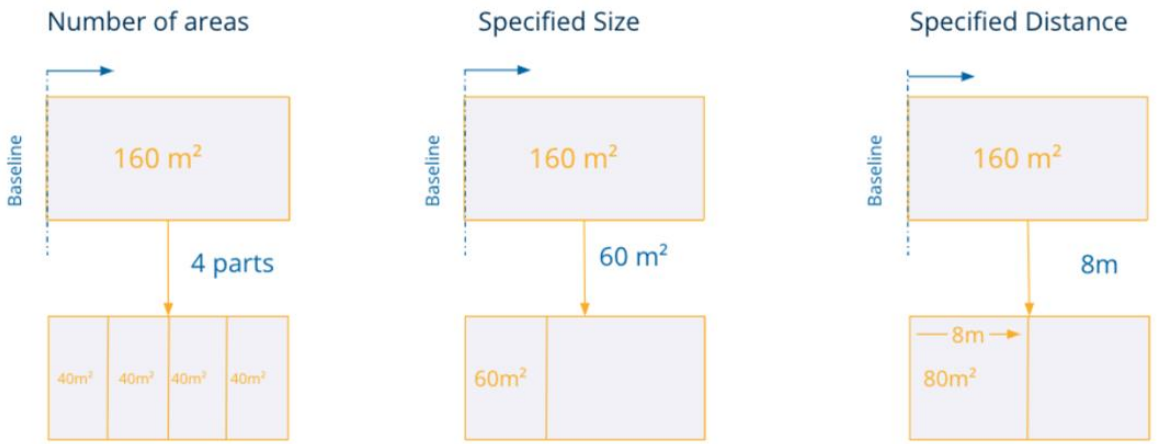
Trimble Business Center	Trimble Access	Trimble Connect
OFFICE	FIELD	CLOUD

Trimble Access

Discover how to effortlessly subdivide an area for a cadastral survey with Trimble Business Center (TBC) office software.

Divide Area

Divide an area/parcel easily for your cadastral survey

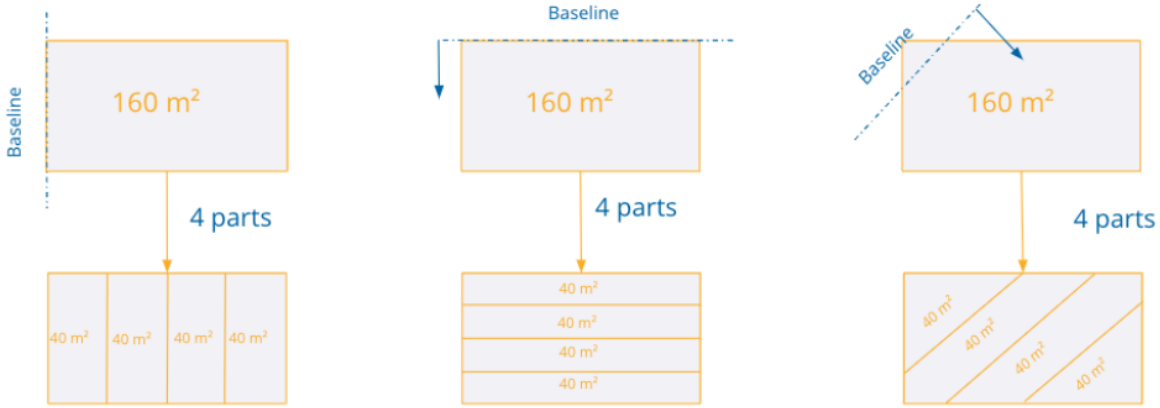


Divide Area

Divide an area/parcel into a

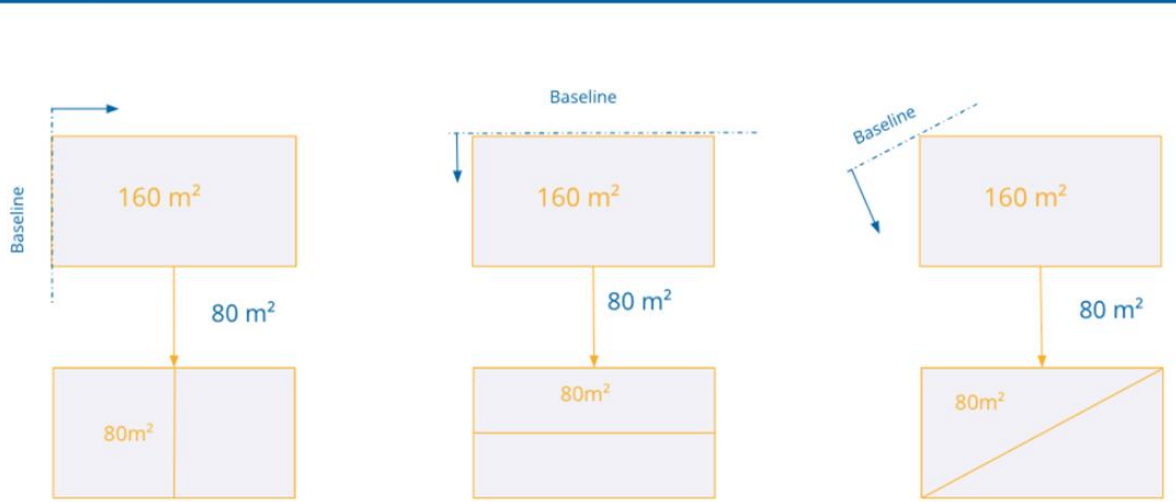
number of equal-sized subareas

Select the baseline matching your needs to split a parcel



Divide Area

Divide an area/parcel easily at a **specific size**



Aerial Data Workflows

Sessions:

Flying into the Future: How LiDAR can Supplement Traditional Survey Methods	**G-1091**
Aerial LiDAR integration into Trimble Business Center	**G-1571**
Creating Better Orthophotos: the Benefits of Trimble Photogrammetry	**G-1506**
Manipulating Drone Data in Trimble Business Center	**C-1405**
Drone Data, GNSS Surveying, and Trimble Business Center for Construction Plans	**C-1752**
Industry Roundtable | Integrating Drones into your Trimble Business Center Projects	**G-1569**

Labs:

Aerial Photogrammetry for Surveyors and Contractors in TBC	**G-1544**

Discover these sessions and more at Trimble Dimensions 2024
trimbledimensions.com

Trimble.

November 11-13, 2024 | The Venetian Resort Las Vegas

Fit for Purpose Land Administration

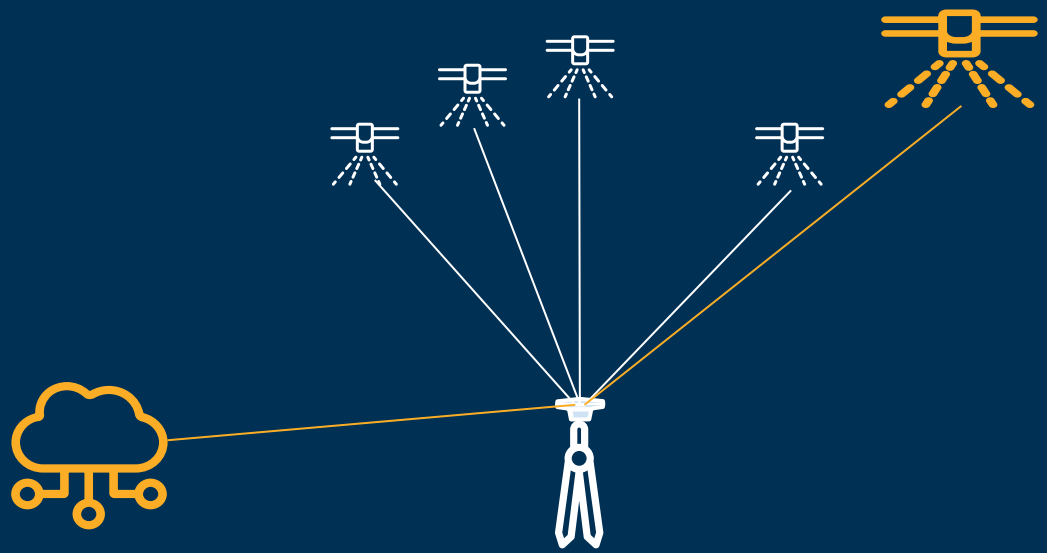
Trimble Technology in FFPLA

simplicity

Trimble Technology in FFPLA

Land registry and tenure data collection
Colombia
Kadaster International / esri / Trimble

Trimble Catalyst & RTX Service
How it works



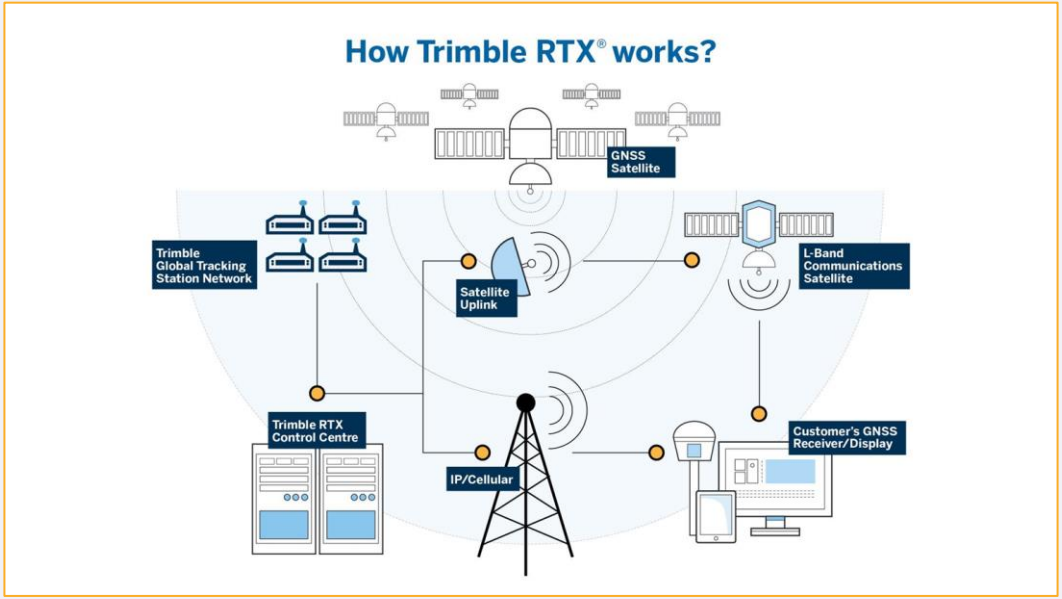
Trimble RTX
RTK Corrections
Via Satellite

Trimble RTX
RTK Corrections
Via Mobile Network

Trimble Correction Hub provides access to RTX services
Worldwide available
via mobile network or satellite

How Trimble RTX Works

- Global tracking network observes the entire GNSS constellation
- Models satellite orbit and clock errors as well as atmospheric delay
- Corrections data is sent to the receiver via L-band or IP network
- More accurate inputs to receiver create a more accurate position solution



Trimble Catalyst - GNSS Positioning

DA2 - GNSS Receiver

AND

Trimble Correction Service (RTX)

- Simple to use & Cost effective
- Trimble Catalyst Correction service
  - Via Satellite enables OFFLINE workflow
- **cm** to **sub-meter accuracy**
  - Location-enabled Android™ and iOS field apps

1 cm H / 2 cm V
Max. Precision

Android & iOS
Used With

v4.2
Integrated Bluetooth

GPS, Galileo, GLONASS, BeiDou, QZSS, IRNSS, MSS, SBAS
Satellites

Trimble Technology
FFP LA Projects

- **RTX** is developed by Trimble more than 10 years ago
- More than 100.000 **RTX** customers
- More than 40.000 **Catalyst DA2 customers**
- FFP LA & Land Registry Projects with Catalyst / RTX involved
    - Uganda, Togo, Haiti, Colombia, Mozambique, Cameroon, South Africa…
    - **India Land Records Assam**

Trimble Mobile Manager

iOS & Android

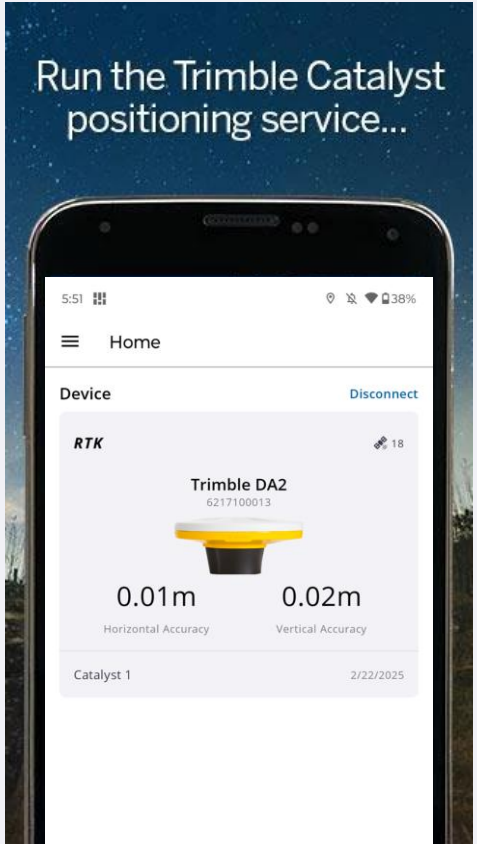
Any location-enabled app that uses locations from the device operating system

- Google Maps
- Esri ArcGIS Field Maps
- QFIELD and others

TMM is for free! Download via Google Play / App Store

Learn more: **https://help.trimblegeospatial.com/TMM/Home.htm**

Trimble Mobile Manager - How it works



Combine

Approaches

Solutions

To your ***Fit-for-Purpose***

Toolbox

A Map is not a Picture, A Map is a Movie