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Landfolio & Mobile Integration with Esri Survey 123

A practical use case

Table of Contents

01

Listening to the customer

02

Technology leveraged

03

An integrated solution

04

Customer benefits



Listening to the customer



Challenges facing the surveyor



No internet access

- Remote areas do not have internet access to view maps online



Need to capture information about the site

- Verify the coordinates of the claim or licence
- Assess the state of the coordinate beacons
- Note any illegal mining activities or encroachment on agricultural land



Taking Photographic records

- Photographic records of field observations with coordinates, linked to the claim or licence
- Capture documents



Technology Leveraged



Solution Components



Trimble Landfolio

Enterprise Land Management
Solution



Trimble Hardware

Trimble is a world leader in
positioning systems.



Esri Survey123

Form centric data gathering
solution



Esri Collector

Location and attribute
collection tool

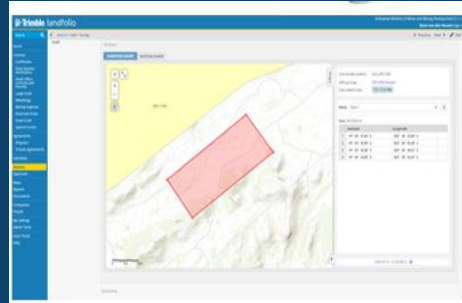


Trimble products used in the solution



Landfolio

Enterprise Mining Cadastre
Solution



Zimbabwe MCIMS



Trimble Hardware

Trimble is a world leader in
positioning systems



Trimble R2 GNSS Receiver



Trimble T10 Tablet

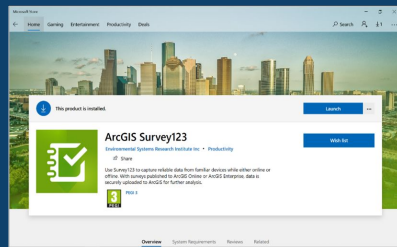


Esri software products used in the solution



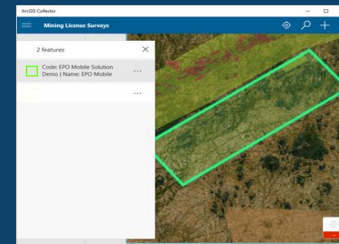
Survey123

Form centric data gathering solution



Collector

Location and attribute collection tool



**An
Integrated
Solution**



Logical Data Flow



Customer Benefits



Customer Benefits



Improved Productivity

- Streamlined survey process
- Efficient data capturing of coordinates
- Linked attribute data and photographs



Greater Accuracy

- Improved data quality
- Increased precision



Seamless data flow

- Automated data transfer from Landfolio via ArcGIS online to the field devices
- Offline data capture in the field
- Automated data sync via ArcGIS online back to Landfolio



Questions and Demo

