



Newmont Ghana - Compensation and Resettlement

Sarah Hummel
Natalia Poku-Boansi
Dean van den Heever

Content

- 1) Project Introduction - Compensation and Resettlement
- 2) Solution / Technology Used (Landfolio, Esri, Ariba, SAP)
- 3) Mobile Integration Demonstration (Exploration Compensation)
- 4) Landfolio Workflow Demonstration (Exploration Compensation - Payment)
- 5) Successes
- 6) Improvements / Enhancements

Compensation:

Compensation refers to the payment provided to individuals or communities for the deprivation of **land use, structures, crops**, or other **assets** as a result of mining activities.

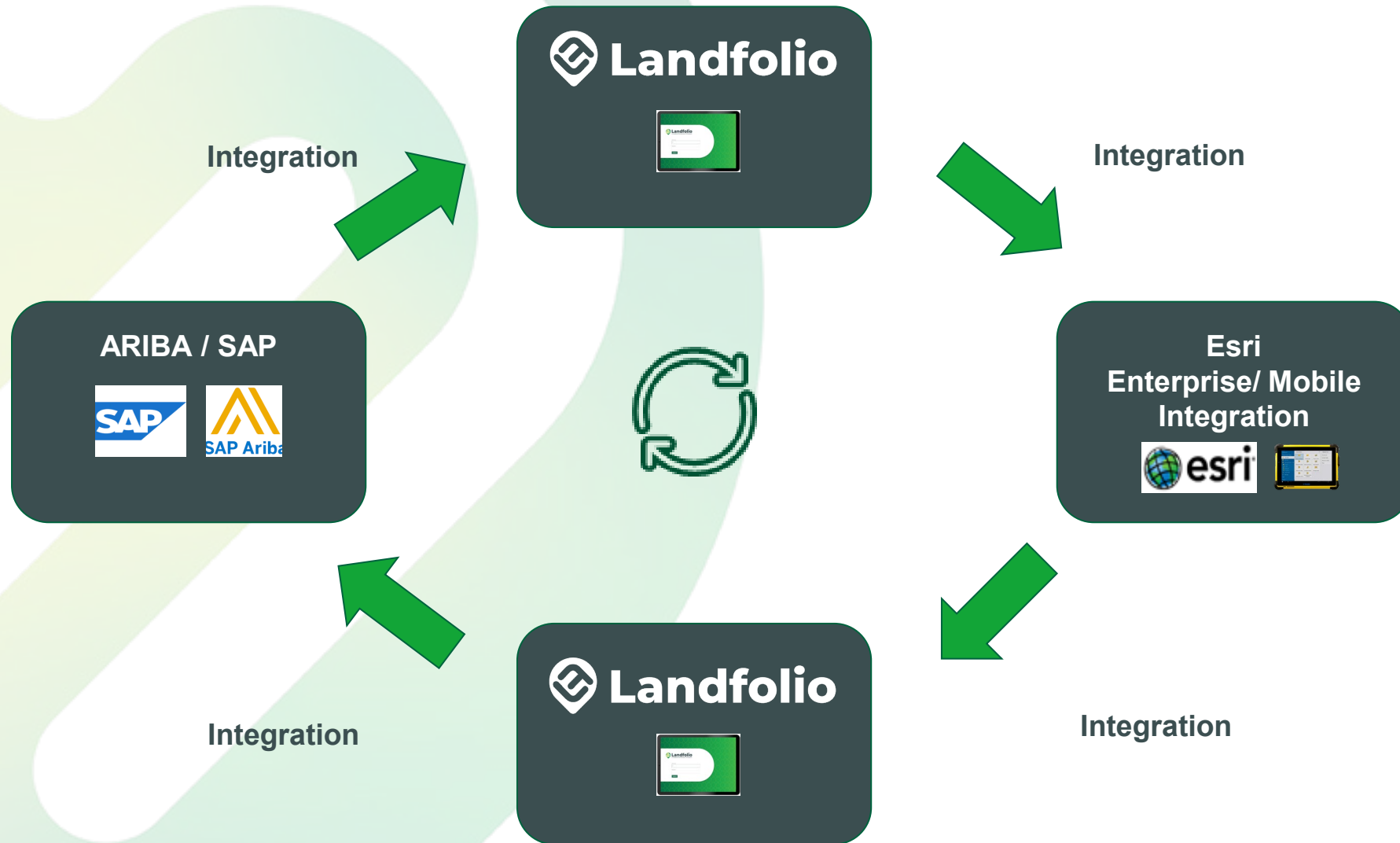
Resettlement:

Resettlement involves relocating affected individuals or communities to alternative locations, often accompanied by measures to restore or improve their livelihoods.

The goal is not only to provide new housing but also to rebuild social and economic systems disrupted by displacement.







Integrating Esri's Survey123 with Landfolio enables seamless mobile data collection.

Key Features and Benefits:

- Ensure accurate and efficient data entry with customizable survey forms.
- Capture geospatial information, photos, and other relevant data in the field.
- Data Entry in an Offline Environment.



Real-Time Data Synchronization:

- Automatically sync collected data with the Landfolio system.
- Ensure up-to-date information is available for analysis and decision-making.
- Reduce data entry errors and save time by eliminating manual data transfer.



Enhanced Data Management (Landfolio):

- Leverage Landfolio's capabilities to manage compensation and resettlement information.
- Integrate survey data into existing workflows.




The screenshot shows a mobile application interface for 'License Survey' by Spatial Dimension. The interface is displayed on a tablet and includes the following elements:

- Header:** 'License Survey' and 'Spatial Dimension' logo.
- Overview Section:** A green bar with the text 'Overview'.
- General Section:** A table of license details with the following data:

Code *	Name *	Responsible Office *
PLTG-000023	Demo License	Head Office
- Other Fields:** Jurisdiction (South Africa), Type Group (Mining Lease), Type (Mineral), Interest (Ordinary (Base Metals)), Commodities (Gold), Status Group (Renewal), Status (Renewal Pending), Region (Africa), Application Date, Grant Date, Expiry Date, Renewal/Extension Granting Date, Renewal Application Date, Application Number (App_PLTG-000021), Comments (Example License for Landfolio Mobile Integration), and Renewal Period (1).
- On Hold:** Radio buttons for Yes and No.
- Footer:** '1 of 5' and a navigation arrow.

License Survey

 Spatial Dimension

Overview

General

Instructions:
Please update the license information:

Code *	Name *	Responsible Office *	
PLTG-000023	Demo License	Head Office	
Jurisdiction *	Type Group *	Type *	Interest
South Africa	Mining Lease	Mineral	Ordinary (Base Metals)
Commodities	Status Group *	Status *	Region
Gold	Renewal	Renewal Pending	Africa
Application Date	Grant Date	Expiry Date	Renewal/Extension Granting Date
Thursday, January 1, 1970	Thursday, January 1, 1970	Thursday, January 1, 1970	Thursday, January 1, 1970
Renewal Application Date	Application Number	Comments	Renewal Period
Thursday, January 1, 1970	App_PLTG-000021	Example License for Landfolio Mobile Integration	1
On Hold			
<input type="radio"/> Yes	<input type="radio"/> No		

1 of 5

Objectives

Structure, Land, Crop Valuation & Compensation

- **Landfolio:** Manage Compensation land tenure, valuations, and compensation processes aligned with SOP's

Custom Reports & Dashboards:

- **Landfolio:** Create real-time reports and develop interactive dashboards for data visualization and decision-making.

Document Management:

- **Landfolio:** Store and organize all project-related documents in SharePoint (Corporate Standard)
- **Survey123:** Capture survey photos and related documents

People (Legal Entities):


- **Landfolio:** Store and organize project affected people records to ensure appropriately compensate and reduce disputes

Finance System Integration:

- **Landfolio:** Accurate calculation and validation of payment amounts. Reduce payment timelines and prevent penalty payments.
- **Ariba / SAP Integration:** Integrate Landfolio with Ariba for Payment Approval and SAP for Payment Processing

Mapping:

- **Landfolio:** Improved Mapping functionality including map printing, land take progress mapping, overlap detection
- **Survey123:** High-accuracy GIS data reduces disputes

 **Landfolio**
A Spatial Dimension Product

Username:

Password:

SIGN IN

Landfolio/ARIBA/SAP Payment Integration

Landfolio Payment Calculations

Field data collected is utilized on a Payment Action within the Landfolio System. The calculations are Fully Automated based on Rates Negotiated with the community.

Landfolio Ariba Integration

Once the data is verified in Landfolio. Payment information is sent to the ARIBA Approval System. This includes details about the beneficiary and amounts to be paid.

ARIBA SAP Internal Integration

Internal Newmont Integration between ARIBA and SAP. Once approved in ARIBA, the payment is processed in SAP and a cheque is printed with the beneficiary details and amounts

SAP Landfolio Integration

SAP send the payment and cheque information to the Landfolio system. Landfolio updates the payment action with the relevant information.

Beneficiary Payment

Payment voucher is finally generated and the beneficiary is notified via a community notice board that the cheque is ready for collection and the various payment points.

Standardized Business Processes

- Achieved: 14 workflows configured and deployed

Field Data Collection

- Achieved: Digital data collection for Crops, Exploration, Structures, & Land implemented using Survey123

Reporting

- Achieved: Deployed 42 Reports (Payment Vouchers)

Escalations/Notifications

- Achieved: User Notifications successfully deployed (Duplicate Parameter Report)

Data Migration

- Achieved: Data from Isometrix / Borealis successfully migrated with significant effort

Ariba/SAP Integration

- Achieved: Vendor validation and payment approval successfully integrated
- Pilot with the intention of further rollouts

Field Data Collection

- *Develop and deploy mobile integration for Livelihood Re-establishment with a total of 7 additional forms to be developed and integrated into the Landfolio system*

Workflow Enhancement

- *With the deployment of Mobile Integration, Livelihood workflows will require some enhancements*

Schemed property Workflow Development

- *Formal land compensation process and workflow enhancements.*

Data Cleaning

- *Assist the Newmont team in historical data cleaning*





Thank You