

Presented By:
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Project Update: Government of Northwest Territories Land Tenure Optimization System

Landfolio User Conference - 10 February 2023



Northwest Territories Facts



Location & Population



Pop: 45,605



Industries

Mining:

- Diamonds
- Gold & Silver
- Uranium
- Copper
- Base Metals
- Critical Mineral

Tourism:

- Northern Lights
- Parks
- Hunting
- Fishing

One of the highest per capita GDP of all Canadian Provinces



Government

The GNWT does not have political parties. Its legislative assembly operates through the consensus government model.

The NWT Legislative Assembly is composed of one member elected from each of the nineteen constituencies. The assembly elects the premier and the speaker by secret ballot. Seven MLAs are also chosen as cabinet ministers, with the remainder forming the opposition.



Project Overview

Project Title:	Land Tenure Optimization System (LTOS)
Sponsor:	Department of Finance
Type:	Open RFP EV-4433
RFP Submission:	February 26, 2021
Contract Execution:	November 1, 2021

Primary Objective:

LTOS will provide standard system architecture to deliver an integrated and collaborative technology environment to manage all GNWT surface and subsurface land tenure information effectively.



Project Overview

Divisions Involved:

Territorial Land Administration Division (TLA)

Commissioner's Land Administration (CLA)

Mineral and Petroleum Resources Division (MPRD)

3 Iterations:

Lands, Oil & Gas, Minerals

50 – 100 GNWT Staff

5000 External Customers



Project Team

Partnered with Aurora Geoscience (Yellowknife)

- Project Manager
- Junior Business Analyst
- Subject Matter Experts



Trimble Teams

- Professional Services
- Implementation Engineering
- Research and Development



Iteration 1 - Lands

- Quarry Permits
- Land Use Permits
- Residential Leases
- Recreational Leases
- Commercial Leases
- Industrial Leases
- Assignments on Leases



Iteration 2 - Oil & Gas

- Bids/Nominations
- Exploration License
- Significant Discovery License
- Production License



Iteration 3 - Mining

- Prospector's License
- Prospecting Permits
- Mineral Claims
- Mineral Leases
- Work Reports, filing and credit distribution
- Assignments

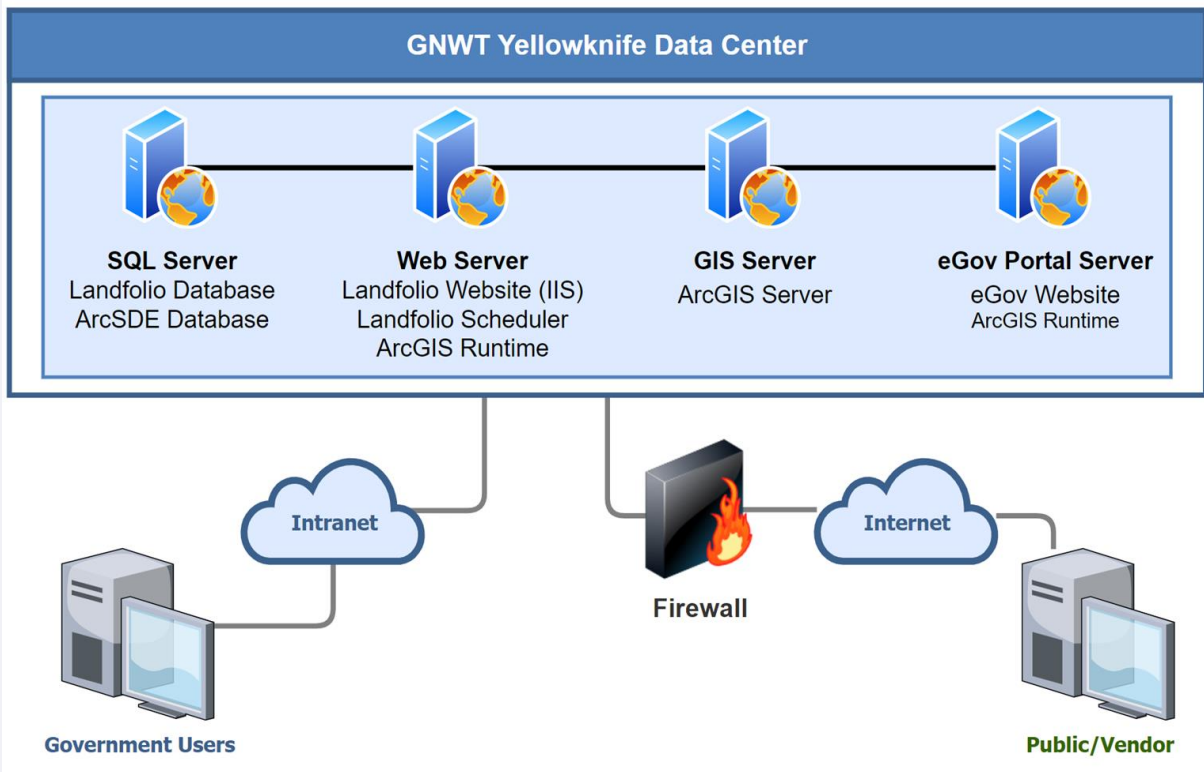


3rd Party System Integrations

- CitizenOne (Portal Authentication)
- PeopleSoft (Financial)
- OpenText (Document Management)
- Claim Filing Wizard
- Mobile?



Deployment Architecture



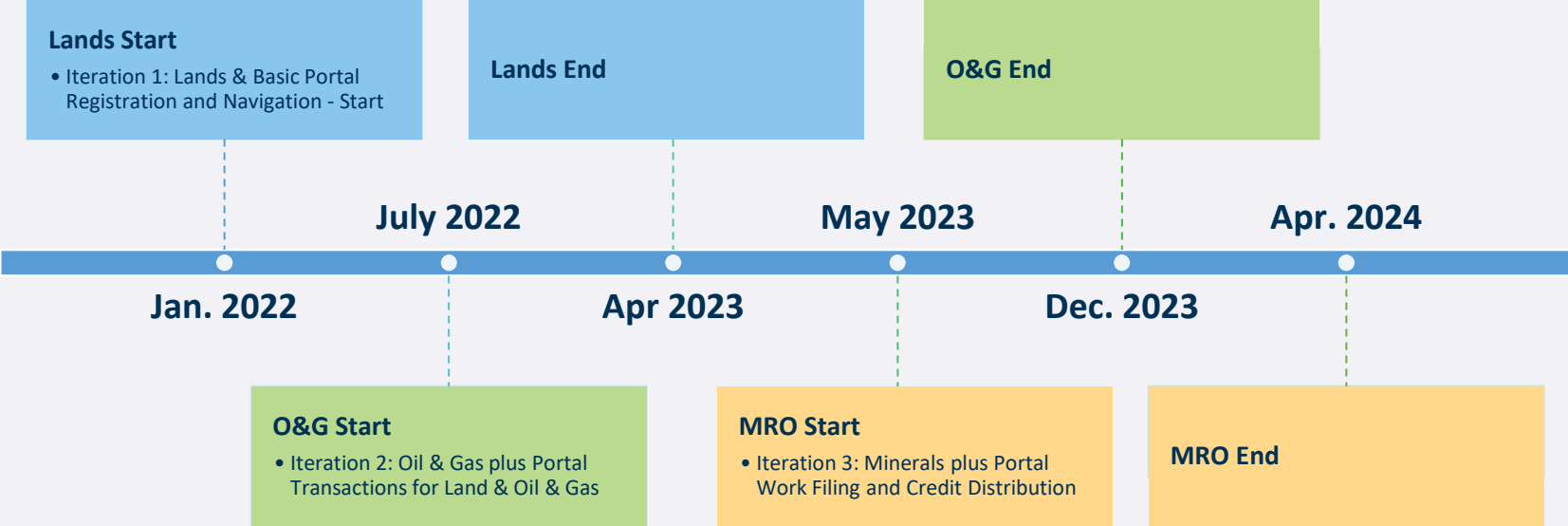
Development

Test

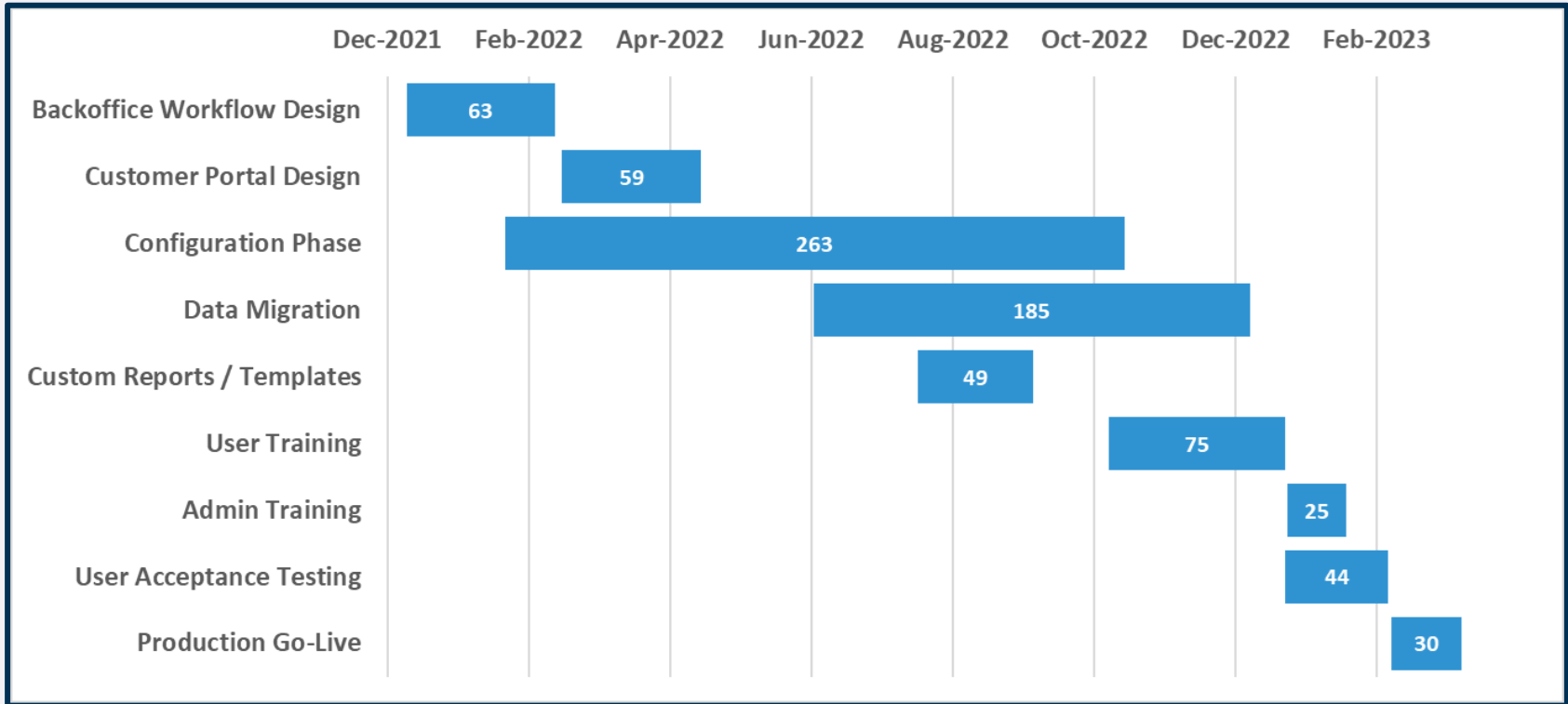
Production




Project Timelines



Project Milestones



Backoffice Screenshot

Landfolio GNWT DevLandfolio GNWT Dev (7.2.14)Trimble Admin (sign out)

< Home ⚙ Settings

- Home
- Records
 - Administrative
 - Easement
 - Lease
 - License
 - Parcel
 - Permit
 - Sale
- Management
 - Business Unit
- Actions
- Approvals
- Maps
- Reports
- Documents
- Companies
- People
- My Settings
- Admin Tools
- Help

Recently Accessed

There are **3** Results in the list.

1

Type	Name	Description
Record	2022-EL-0001_training	OIL & GAS, Exploration Licence, Active
Record	TEST_551-085J08-LE-0001_TEST_training	LANDS, Agricultural Lease, Application
Record	2022-B-0001_training	OIL & GAS, Bid, Submissions Closed

1

Record Summary

Record Type Group	Application	Active	Inactive
Administrative	10	5101	1516
Easement	6	308	80
Lease	225	1929	2490
License	20	29	39
Parcel	0	29038	1331
Permit	2	13	35
Sale	546	461	215

Action Summary

Actions	All Actions	My Actions
Overdue:	1765	0
Due today:	0	0
Due this week:	1	0

My Reports

My Searches

Backoffice Screenshot

The screenshot displays the Trimble landfolio backoffice interface. At the top, the header includes the Trimble landfolio logo, the text "Landfolio GNWT Dev", and "Landfolio GNWT Dev (7.2.14) Trimble Admin (sign out)".

The left sidebar contains a navigation menu with the following items: Home, Records (Administrative, Easement, Lease, License, Parcel, Permit, Sale), Management (Business Unit), Actions, Approvals, **Maps** (highlighted), Reports, Documents, Companies, People, My Settings, Admin Tools, and Help.

The main area shows a map of Yukon, Canada, with various colored overlays representing land parcels and boundaries. A scale bar at the bottom left indicates 0, 100, and 200 km. The map includes labels for "YUKON FLATS" and "YUKON".

On the right side, there is a legend panel titled "Legend" with a search bar and buttons for "Search", "Select", "Measure", and "Shape". The legend is organized into sections:

- ATLAS - Secure**
- Communities
- Boundaries
- Block Land Transfer Boundaries
- Municipal Boundaries
- Development Areas
- Archived Parcels
- Obsolete Sketches
- Superseded Parcels
- Condominium Units
- Surveyed Parcels
- Structures
- Building Footprints
- Structure Points
- Antennas
- Bridges, Culverts
- Hydrants
- Lights
- Manhole Covers
- Markers
- Poles
- Power Poles
- Satellite Dishes
- Signs

At the bottom right, the coordinates are displayed as -14,235,765 m 11,932,093 m.

Backoffice Screenshot

[Record](#) > Details < Previous Next > Edit

106-6-29_training

Type: Residential Lease Application Date: 15 Sep 2007 00:00:00
Name: Status: Active Start Date: 01 Mar 1993
Parties: Official Area: End Date: 15 Sep 2037

General Only show Hide Child Actions: Due:

Parties (1)

Risk Assessment

Securities

Improvements

Shape

Legal Description

Map References

More Details

Documents

Reference Codes (1)

Commodities (1)

Related Records (1)

Actions Open

Actions Closed (3)

User Roles

Discussions

Audit

Direct Actions

There are **2** actions in the list.

1

All	Type	Status	Action	Comments	Date Due	Completed	Days Rem	Period From	Period To	Accounting Code	Child Actions	Responsible User
<input type="checkbox"/>				Lease Assignment Complete: Lease Assignment	17 Sep 2007		-5,622					
<input type="checkbox"/>				Mortgage Registration Complete: Mortgage Registration	25 Sep 2007		-5,614					

1

Indirect Actions

There are **0** actions in the list.

Indirect Actions:



Framework Screenshot

LANDS Dashboard

Tenure

[Browse All](#)

Pending

File Number	Type	Status	Application Date
551-085J08-LE-0007_training	Agricultural Lease	Application	01 Jan 2022
551-085J09, 085J10-SA-0010_training	Sale	Application	17 Jan 2022

<< < 1 2 3 4 5 > >>

Active

File Number	Type	Status	Start Date	End Date
No records were found for this list				

<< < 1 2 3 4 5 > >>

Current Obligations

[Browse All](#)

Payments

Summary	Due Date
No records were found for this list	

<< < 1 2 3 4 5 > >>

Reporting Obligations

Summary	Due Date
Application for Land Tenure	19 Jan 2023
Application for Land Tenure	19 Jan 2023

<< < 1 2 3 4 5 > >>



Framework Screenshot

LANDS Tenure Portfolio

Tenure

Pending | Active | Inactive

File Number	Type	Status	Application Date
551-085J08-LE-0007_training	Agricultural Lease	Application	01 Jan 2022
551-085J09, 085J10-SA-0010_training	Sale	Application	17 Jan 2022

<< < **1** 2 3 4 5 > >>

Application Files

Pending | Complete

File Number	Type	Status	Application Date
351-106112, 106J08, 106I04, 106J01, 106I05-SD-0024_training	Application File (Subdivision)	Application Approved	19 Jan 2023

<< < **1** 2 3 4 5 > >>



Framework Screenshot

551-085J08-LE-0007_training

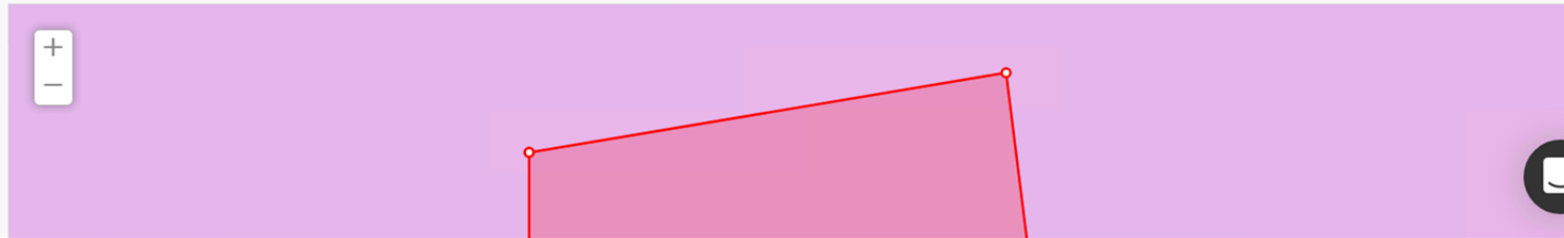
- Overview
- Obligations
- Payments
- Documents

File Number	551-085J08-LE-0007_training	Application Date	01 Jan 2022
Type	Agricultural Lease	Start Date	
Status	Application	End Date	
Official Area		Regional Office	

Process Details

Summary	Due Date
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No records were found for this list



Framework Screenshot

--SA-0003_training

- Overview
- Obligations
- Payments**
- Documents

Overdue

Summary	Amount Due	Due Date
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No records were found for this list

<< < 1 2 3 4 5 > >>

Pending

Summary	Amount Due	Due Date
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No records were found for this list

<< < 1 2 3 4 5 > >>

History

Summary	Amount Due	Amount Paid	Due Date	Completed Date
Payment of Land Tenure Application Fee	250	250	16 Jan 2023	14 Jan 2023
Payment of Purchase Price	250	250	17 Mar 2023	16 Jan 2023

<< < 1 2 3 4 5 > >>





Questions