

IM Aware

RPA, GovLab.ai, and Compliance

Thanks for tuning in.
The Live Event will begin shortly!

Ask questions using the Q&A function.

Your microphone is automatically muted.

Your camera will not be in use.

Turn your audio up to ensure you can hear the presenter.



Director Update



IM Aware Sept 2023

Dan Arnold, Director IM Programs
Data and Content Management Branch

Data and Content Management Updates

- Content Management Requirements and Risk Assessment/Risk Acceptance Guideline
 - Will allow us to consistently review applications that store and manage content, and identify risks associated with those systems.

Data and Content Management Updates

- **DCM Communication Site**
 - IM Hub for Internal GOA Clients
 - Branch Org Structure
 - Info about program areas
 - Contacts
 - Services Offered
 - Quick links to projects and other important information
 - FAQs

SharePoint Search this site

Data and Content Management Branch Protected A Home About Us Contacts Services Resources FAQ

DCM Communications Site

About the site

The DCM Communications Site is published for all Alberta Public Service (APS) staff and provides important information on the data, content, information and records management services and guidance provided by the Data and Content Management (DCM) Branch across the Government of Alberta.

This site also consolidates DCM contact information, frequently asked questions, and highlights important DCM links.

DCM Quick Links

- Information Management (Alberta.ca)
- Forms Repository
- Content Management Initiative
- M365 Enterprise Content Management
- Open Government Portal
- Functional Classification Taxonomy

IM Programs Team

- New Staff
- IM Advice and Consultation RITM is the best way to get in touch.



IM Programs Team

- APS Week
- Tuesday is “We aim for excellence”



Thanks



RPA Awareness

Robotic Process Automation Program

Agenda

- Vision and guiding principles
- RPA overview
- Demo
- Case study
- Process attributes for automation
- RPA project delivery
- Next steps: submitting your opportunities

Vision and Guiding Principles



Vision and Guiding Principles

OUR VISION

To make life better for Albertans, Service Alberta's Robotics Process Automation (RPA) Center of Excellence (COE) will enable digital transformation of the ministries to modernize and improve the quality and effectiveness of their services, by building a digital workforce to automate repetitive, manual, and mundane processes.

Our Guiding Principles



Our Strategy

Putting People First



We are your trusted automation advisors and commit to serving Albertans, building trust, and improving our processes.

- Build strong partnerships with the sectors & ministries to serve citizen better
- Building internal RPA capabilities & skillsets
- Enable ministries to upskill & empower employees

Transforming Work



We challenge the status quo and transform the way we work so that we can work better and faster

- Create a community-driven ideation hub to identify meaningful opportunities
- Provoke the "Art of the Possible" mindset
- Enable our teams to leverage unlocked capacity

Ensuring Quality



We tackle the right opportunities at the right time and deliver tangible results

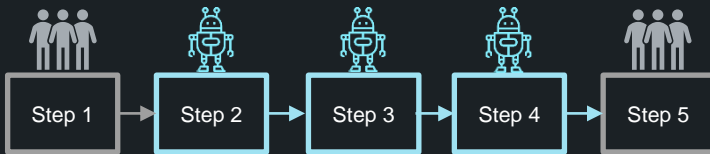
- RPA repeatable framework & common standards
- Standard selection & prioritization criteria
- Assess and share tangible results

RPA Overview

What is

RPA?

Robotics Process Automation (RPA) is a software that *mimics human behavior*. For RPA to be effective the candidate process should be *stable, rule-based*, and leverage *digital inputs*.



Humans and bots can **work together** to derive maximum efficiency

ROBOTS

deliver repetitive, deterministic, high-volume tasks efficiently, accurately, and consistently

PEOPLE

build relationships, provide subjective judgement, deliver low-frequency tasks, and manage change and improvement

RPA is a software

RPA is a computer software that runs repetitive, rule-based processes. The software is trained based on functional specifications and can be adjusted at any time.



RPA simulates an employee

The software robot has access to diverse applications with an ID or a password. The robot can gather information, perform calculations and update data. As a result, business and administrative processes can be fully automated.



RPA is integrated in an existing IT infrastructure

As a renewal of the existing IT landscape is not required, a high level of automation can be reached without major IT infrastructure effort. RPA uses established control mechanisms and can communicate with all systems. Therefore, no interface is required.

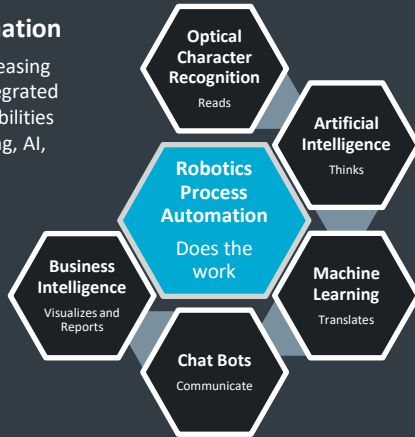


Robotics Process Automation

Technology that is apart of the larger Intelligent Automation landscape that aims to reduce costs while increasing employee engagement, speed and quality through intelligent automation

RPA within Intelligent Automation

RPA is a gateway technology, with increasing value to be generated when RPA is integrated with other intelligent automation capabilities such as OCR, chatbots, machine learning, AI, etc.



KEY RPA BENEFITS

- ✓ Scale up/down to match demand
- ✓ Improved accuracy & quality
- ✓ Enhanced employee engagement
- ✓ Decreased audit risks
- ✓ Deploy without altering existing IT systems or infrastructure
- ✓ Consistency & standardization
- ✓ Speed, i.e. do more faster
- ✓ Cost reduction

RPA Centre of Excellence

- ▶ Deployed and supporting automations across 6 government ministries
- ▶ Experienced team of RPA personnel including process analysts and developers
- ▶ Returned over 2,500 monthly hours to ministries, with annual savings exceeding \$1.2M

KEY PROCESS CHARACTERISTICS TO DETERMINE AUTOMATION ELIGIBILITY

- 1 High volume and repetitive
- 2 High levels of manual data capture and/or entry
- 3 Interaction with multiple applications or systems
- 4 Definable business rules and expectations

RECOGNITION



- Awarded 2023 **Minister's Award for Transportation Innovation** for Driver Fitness & Monitoring automation of Ignition Interlock Program Eligibility Calculations
- Nominated for Premier's award

Ministries with Automations Delivered by RPA Centre of Excellence

Transportation & Economic Corridors

Seniors, Community and Social Services

Trade, Immigration and Multiculturalism

Municipal Affairs

Public Safety and Emergency Services

Environment and Protected Areas

Demo



Case Study

Case Study at Government of Alberta

RPA-47 IIP Eligibility Calculator

Ministry: Transportation & Economic Corridors

Branch: Driver Fitness & Monitoring

Process Overview: Automation of process to determine if suspended driver is eligible to participate in Ignition Interlock Program

RPA Components: Interaction with 3 applications – SharePoint, MOVES, CRM. Perform 50+ step eligibility calculation. Exception handling for 5 business rules. Weekly summary report of RPA processed records.



RPA-62 MyAlberta Digital ID Email

Ministry: Service Alberta & Red Tape Reduction

Branch: Service Delivery

Process Overview: Automation of response to citizen enquiries for MyAlberta Digital ID services and programs

RPA Components: Interaction with ServiceNow, management of open and closed cases, optical character recognition (OCR), logic to determine response script based on enquiry details, weekly summary reports.



RPA-02 OPGT Invoice Processing

Ministry: Seniors, Community and Social Services

Branch: Office of the Public Guardian and Trustee

Process Overview: Automated receipt and payment of essential expenses on behalf of in-need citizens

RPA Components: Interaction with shared drive and Adobe. Data extraction and document understanding from scanned forms. Machine learning and AI for bot learning from new form formats. Action Centre for human review of unrecognizable formats. Generated workflow for payments.



RPA-51 Corporate Income Tax Corrections

Ministry: Treasury Board and Finance

Branch: Revenue Operations – Corporate Income Tax

Process Overview: Automation of process to review corporate tax returns with most common filing errors and adjust returns when possible







RPA Components: Interaction with 2 core tax software applications and MS Outlook. Execute complex 47-step process to determine source of filing error, mine payment transactions, execute payment adjustment, and email client. Exception handling for 13 business rules. Daily summary reports.



Process Attributes for Automation

What Makes a Good Process for RPA?

Automation Suitability Criteria

Identify processes where teams are manually...	
	Accessing, validating, manipulating and gathering data from multiple systems
	Moving data from one system to another – throwaway or less frequency high volume data movements
	Checking data consistency, and updating the same info in multiple systems
	Extract and process structured content from documents, applications for foundational daily activities
	Remediating data across several accounts
	Quick interfacing multiple systems through front end or through API's

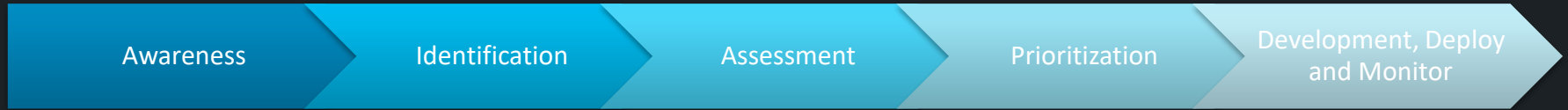
Ideal Process Attributes
➤ Well defined, rule-based processes
➤ Mundane, time consuming, repetitive tasks that are critical to business operations
➤ High transactional volume
➤ Require transacting in multiple systems and/or multiple screens/fields in source system
➤ Stable systems and processes
➤ Processes where quality and accuracy are critical
➤ < 50 % of processes fully automated
➤ Direct control of tools and processes
➤ Little human judgement or insight required
➤ Data is available in digital format or can be converted
➤ Processes that are constantly battling backlogs and/or constrained people resources

Unsuitable Process

- ✗ Systems/applications are unstable or change frequently
- ✗ Other solution is already in place
- ✗ High variability throughout process where full human judgement is required
- ✗ Process cannot be digitized for RPA processing

RPA Project Delivery

The RPA Model



Build Awareness

Introduce sectors / ministries to RPA COE and challenge stakeholders to identify process candidates for RPA

Opportunity Rationalization

- Discuss identified opportunities
- Collect process data to evaluate potential benefit
- Perform deep-dive workshops with business stakeholders to identify the scope and depth of process
- Analyze prioritized process candidates based on collected data from process observations
- Validate prioritized candidate processes with development stakeholders for technical feasibility
- Obtain approval for prioritized list of process candidates

Delivery and Support

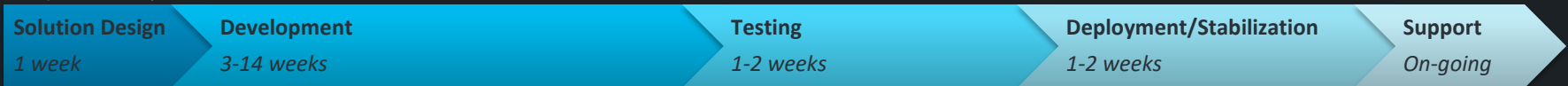
- Solution development, testing, and deployment
- Production stabilization with increased monitoring and support
- Sustainment support and monitoring for life of solution

Project Complexity and Timeline

Complexity of automation*

Complexity	Process parameters	Low		Medium		High	
		Target applications	1	2-3	2-3	# of keystrokes	500-1000
# of keystrokes	1-100	# of keystrokes	101-499	# of platforms, interfaces, DBs	Multiple Systems, interfaces	Level (type) of automation application	Advanced (surface automation, OCR, Document Understanding, AI, ML)
# of input variations	1-2	# of input variations	3-4				
Level (type) of automation application	Standard (screen recorder)	Standard w/ some surface automation					
Development effort	Duration	Low		Medium		High	
		Total: 3-6 weeks ✓ Up to 2 weeks of design and development recommended ✓ Up to 2 weeks of testing recommended ✓ 2 week of Hyper Care		Total: 6-8 weeks ✓ 3-4 weeks of design and development recommended ✓ Up to 2 weeks of testing recommended ✓ 2 week of Hyper Care		Total: 12-14 weeks ✓ Minimum 5-10 weeks of design and development recommended ✓ 2 weeks of testing recommended ✓ 2 week of Hyper Care	

Project Lifecycle




Submitting your Opportunities

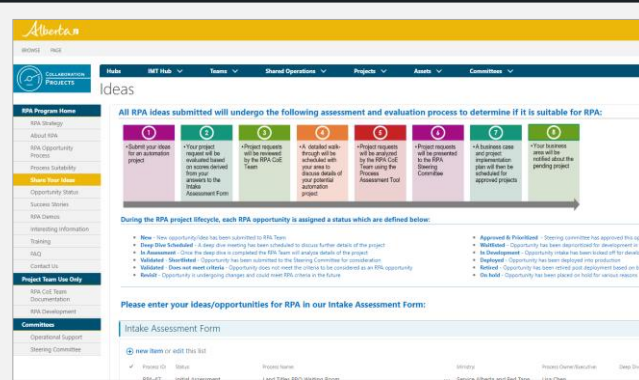
Submit your RPA Opportunity

Submitting your next RPA opportunity is quick and simple through our intuitive [Intake Assessment Form](#)

1. Launch the RPA SharePoint Site

2. Navigate to the Intake Assessment Form and select  New item

3. Complete form details and submit!

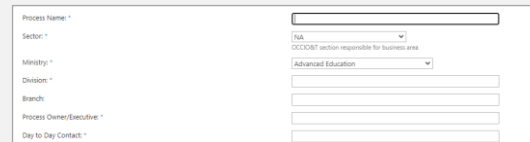


The screenshot shows the 'Ideas' page on the RPA SharePoint site. It features a navigation menu on the left with options like 'RPA Program Home', 'RPA Strategy', 'RPA Opportunity Process', 'Process Eligibility', 'Opportunity Status', 'Success Stories', 'Intake Assessment Form', 'Project Team Use Only', and 'Committee'. The main content area is titled 'Ideas' and contains a flowchart with seven steps: 1. Submit your ideas for an assessment project, 2. Your project request will be reviewed based on criteria defined in the Intake Assessment Form, 3. Project requests will be reviewed by the RPA CoE Team, 4. All eligible requests will be included with your area to discuss needs of your project, 5. Project requests will be analyzed by the RPA CoE Team using the Process Assessment Tool, 6. Project requests will be presented to the RPA Steering Committee, 7. Business cases and project proposals will be reviewed and approved projects. Below the flowchart, there is a section titled 'During the RPA project lifecycle, each RPA opportunity is assigned a status which are defined below:' followed by a list of status definitions: New, In Assessment, In Development, In Progress, On Hold, and Rejected. At the bottom, there is a section 'Please enter your ideas/opportunities for RPA in our Intake Assessment Form:' with a search bar and a 'new item or edit this list' link.

[IMT Robotic Process Automation Program - Ideas \(gov.ab.ca\)](#)



This screenshot shows the header of the Intake Assessment Form. It includes the text 'Please enter your ideas/opportunities for RPA in our Intake Assessment Form:' followed by a search bar containing 'Intake Assessment Form' and a link 'new item or edit this list'.



This screenshot shows the form fields for the Intake Assessment Form. The fields are: Process Name (text input), Sector (dropdown menu with 'NA' selected), Ministry (dropdown menu with 'Advanced Education' selected), Division (text input), Branch (text input), Process Owner/Executive (text input), and Day to Day Contact (text input).

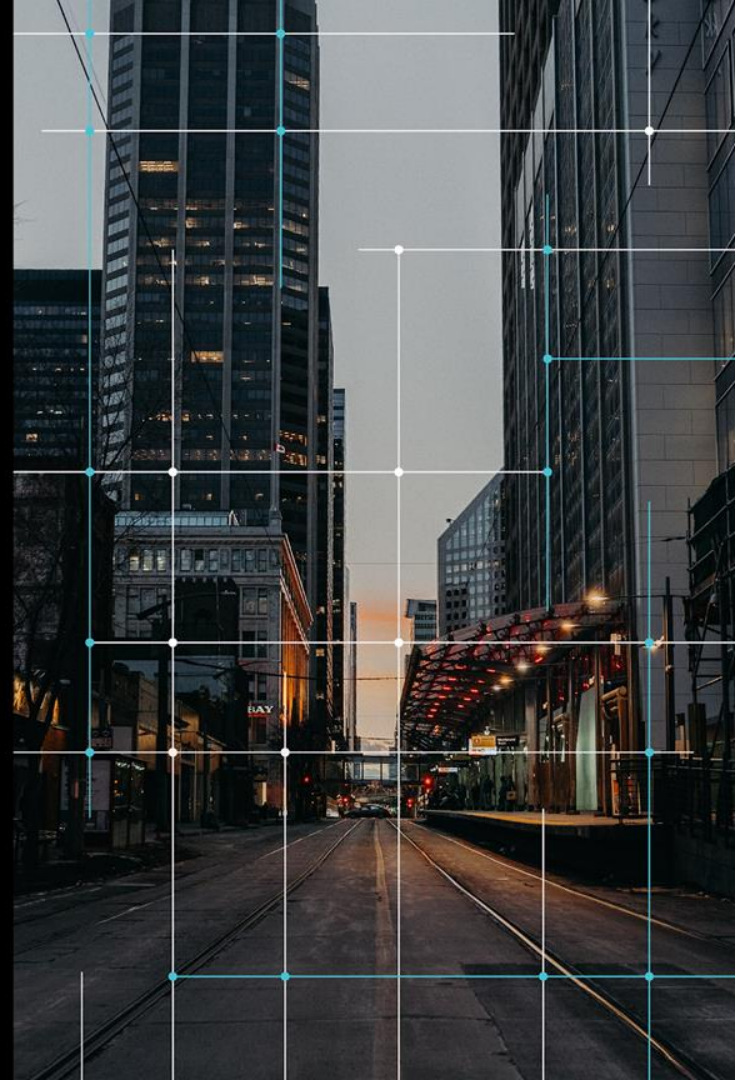
Thank You!



GovLab —●— ai

AI for Innovation and Growth

POWERED BY  AltaML



What is GovLab.ai?

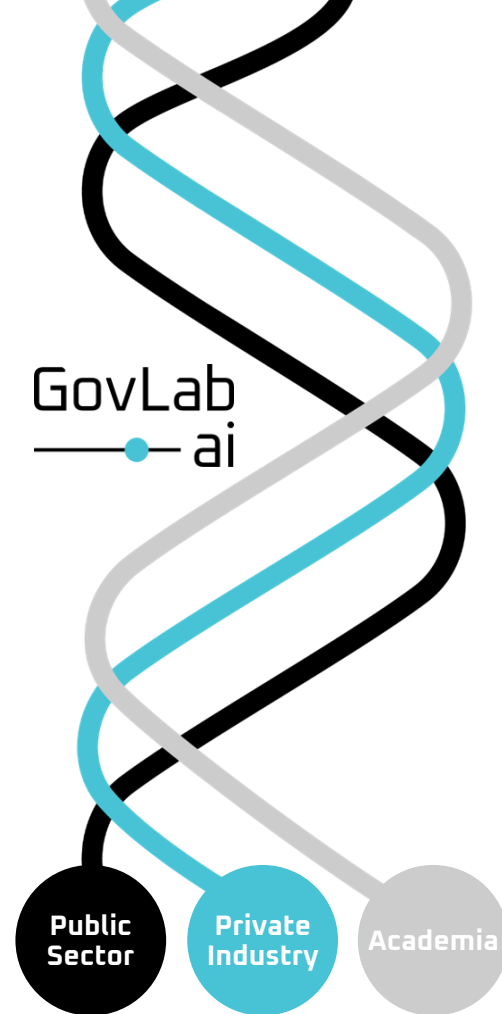


The Triple Helix Model

First proposed by Henry Etzkowitz and Loet Leydesdorff in 1995, the Triple Helix model of innovation serves as a framework to bring the Public Sector, Academia, and Private Industry together in order to create meaningful transformation.

GovLab.ai is based on the triple helix model and connects the public sector with private sector innovation to **upskill talent** and create smart software solutions powered by **ethical AI**.

By unlocking the value of data, GovLab.ai can help solve public sector's most complex problems, optimize service delivery, and improve the lives of all citizens.



Mission & Objectives

Mission: Build a sustainable innovation practice that will launch products powered by data and AI to benefit citizens and governments first while accelerating economic prosperity



IMPROVED SERVICES TO CITIZENS

Efficiencies gained are transformed into additional transparency, better quality and faster turnaround for service delivery



INNOVATION ECOSYSTEM

Strong partnerships in public and private sector allow the public sector to take a lead role in AI/ML adoption



ECONOMIC PROSPERITY

Revenue from participating shares flow back into GovLab.ai, creating a self-sustaining Innovation Practice

The Opportunity



Upskill / reskill the public sector workforce in AI/ML and digital transformation



Attract students / recent graduates to consider public sector employment given the ability to make an impact in so many people's lives



Create solutions that can be operationalized and start saving costs, creating efficiencies, testing out new service offerings and/or increasing quality of service delivery to citizens

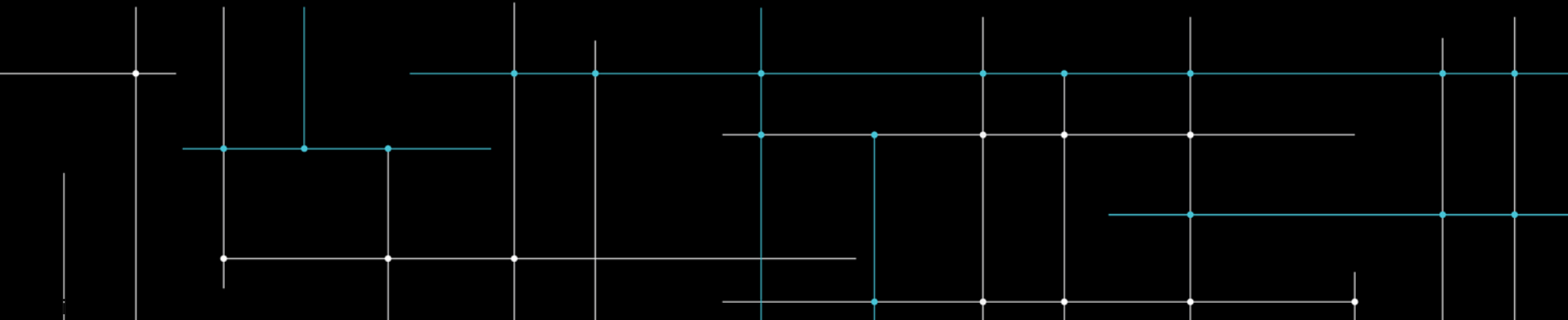


Create a network of peers in the public sector to increase the opportunities for knowledge and information sharing



Use emergent tech to create new intellectual property and strengthen the local economy

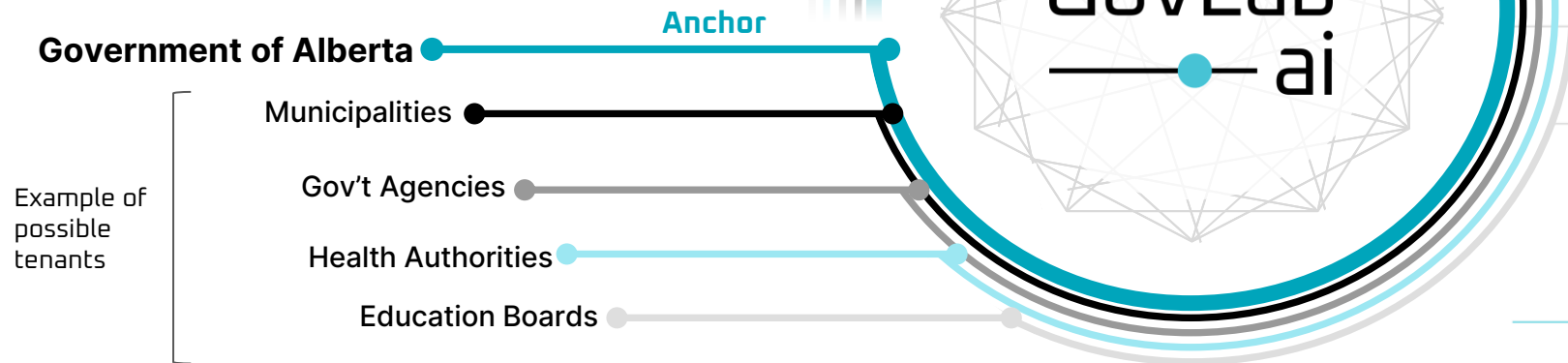
How does GovLab.ai work?



A Multi-Tenant Model

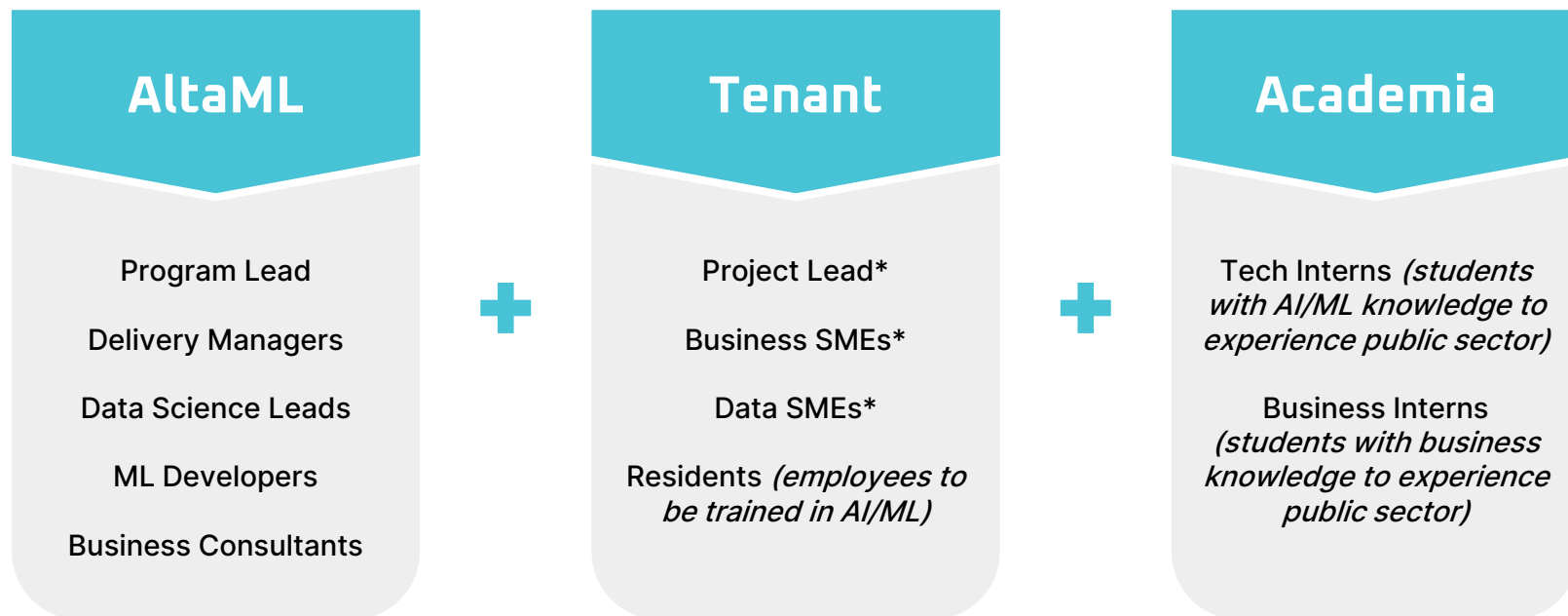
Leveraging economies of scale by sharing resources and investments across the public sector

Within Alberta, the Government of Alberta has taken the opportunity as the anchor tenant to **seize the power of its data** to put Alberta ahead as a global leader.



A Proven Model

We are seeing incredible success in a similar model at the Applied AI Lab in Calgary with private industry partners.



The Factory Delivery Model

Stream 0 - Ongoing Backlog Updates

While a current cohort is executing Proof of Concept (PoC) projects, AltaML works with appropriate stakeholders to identify, define, prioritize and select new use cases that can be executed in upcoming cohorts. AltaML will also complete feasibility assessments for selected use cases to maximize the chance of success in future cohort-based experimentation.

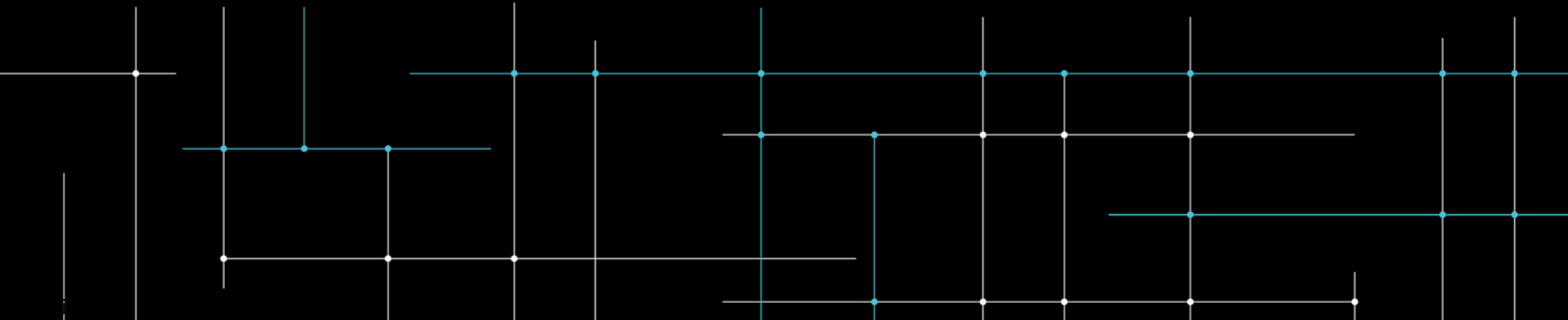
Stream 1 - Proofs of Concept

AltaML, Mitacs interns and residents complete a proof of concept (PoC) AI/ML project in a 4-month cohort. Use cases are predefined and framed in advance so the cohorts can execute on these projects within the cohort timeframe.

Stream 2 - Pilots and Operationalization

After a successful, PoC from a previous cohort, AltaML works closely with the tenant to build, test, pilot and operationalize AI/ML powered software products.

A Closer Look at the Use Cases



Solutions - Education Capital Planning

Optimizing school utilization rates

- Input school location type
- Select multiple program offerings
- Choose school type
- Choose grade levels
- Select the distance from the school to be considered

The screenshot shows a web application interface for school location planning. On the left is a sidebar with the following sections:

- Input New School** (with a search icon)
- Results** (with a refresh icon)
- Reset Report** (with a refresh icon)
- City**: Edmonton
- School Authority Type**: Public
- School Program Offering Type**: Choose an option
- Select Lowest Grade Offering**: K
- Select Highest Grade Offering**: Grade 9
- Radius (in KM)**: 3.00
- Generate** button

The main content area features a map of Edmonton with a red location pin. Above the map, there is a text box showing the coordinates: "55.8247888612007, -113.506340712896". Below the map is a "Generate Results" button. At the bottom of the sidebar, there is a "Print with Browser" link.

Results will display the predicted enrollment at the new and surrounding schools

Solutions - Predicting Wildfire Occurrence

Optimizing presuppression resource planning



Wildfire Pilot Duty Officer Dashboard

2021-10-09 (AM)

Selected Date

Selected Date

Latest

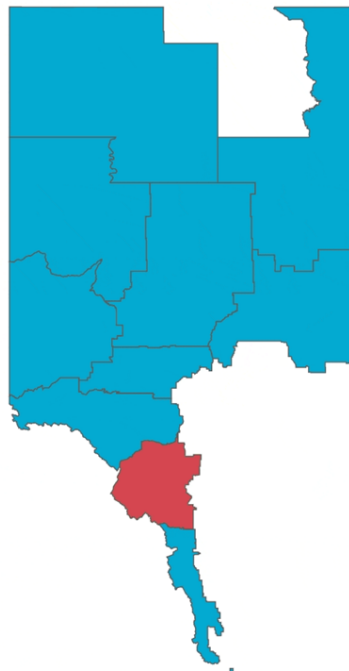
Forecast Time

Latest

Fire Prediction Colors

- No Fire Risk
- Afternoon Fire Risk
- All Day Fire

Alberta Prediction Map



Prediction Results by Forest Area

Forest Area	DSR (mean)	Morning Probability	Afternoon Probability	Prediction
Calgary	13.14	39.9%	23.1%	No Fire Risk
Edson	3.19	32.0%	15.9%	No Fire Risk
Fort McMurray	1.34	18.5%	10.9%	No Fire Risk
Grande Prairie	1.23	19.2%	18.7%	No Fire Risk
High Level	0.34	24.0%	22.9%	No Fire Risk
Lac La Biche	3.87	39.8%	30.3%	No Fire Risk
Peace River	1.12	23.7%	24.6%	No Fire Risk
Rocky Mountain House	9.20	57.2%	34.2%	All Day Fire Risk
Slave Lake	5.04	40.2%	40.9%	No Fire Risk
Whitecourt	3.27	31.7%	21.9%	No Fire Risk

DSR colors correspond to common fire risk and FWI ranges:

- Low Risk
- Moderate Risk
- High Risk
- Very High Risk
- Extreme Risk

Values shown above have been aggregated using daily station forecasts from FIRES. Values may differ

giccap.dev is sharing your screen. Stop sharing Hide

Solutions - Alberta Wildlife Watch

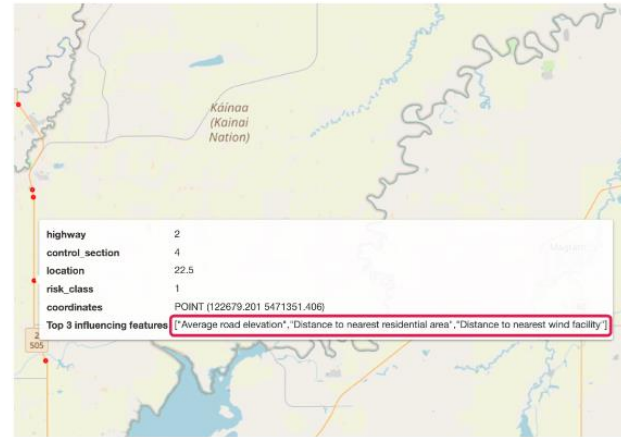
Reduce animal vehicle collisions (AVCs)

Case Study Overview | Southern Alberta - Highway 2 - South of Stoney Trail SE

Our model shows different core correlated features to highway segments with high risk.



Location near City of Calgary



Location near Kainai Nation

Mountain Pine Beetle Detection

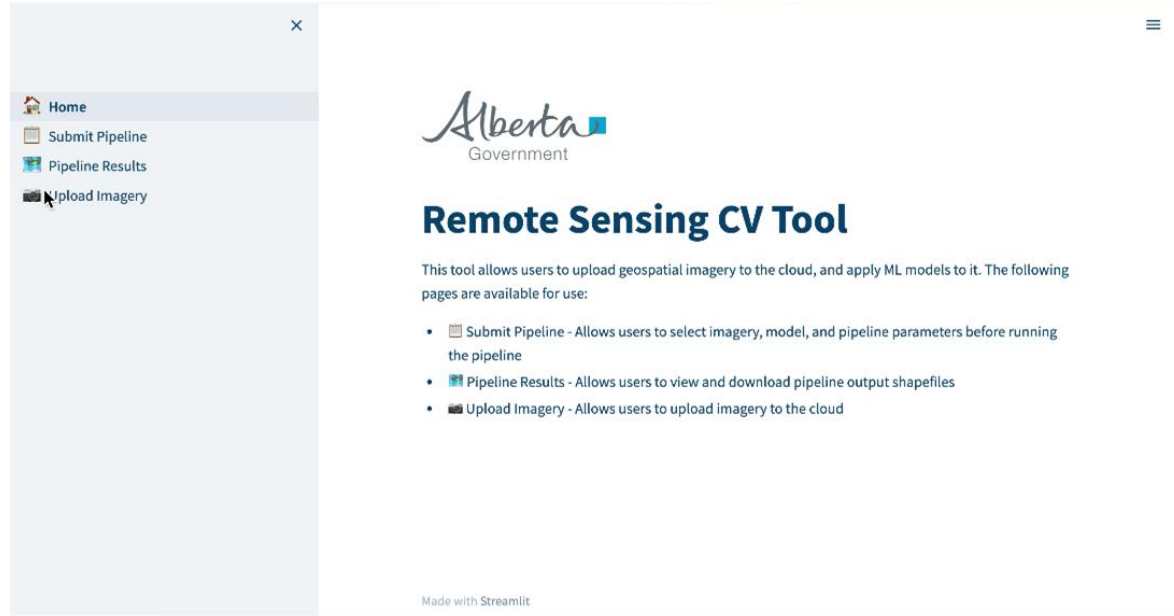
Identifying single infected trees - Improving safety and optimizing resource utilization

Data



The team experimented with various remote sensing data sources and recommended SPOT (1.5m) data for the model due to our strong model results and the GoA's existing licensing agreement.

Model

A screenshot of a web application interface. On the left is a navigation sidebar with a close button (X) at the top and four menu items: Home, Submit Pipeline, Pipeline Results, and Upload Imagery. The main content area features the Alberta Government logo at the top, followed by the title "Remote Sensing CV Tool". Below the title is a paragraph explaining the tool's purpose: "This tool allows users to upload geospatial imagery to the cloud, and apply ML models to it. The following pages are available for use:". This is followed by a bulleted list of three items: "Submit Pipeline - Allows users to select imagery, model, and pipeline parameters before running the pipeline", "Pipeline Results - Allows users to view and download pipeline output shapefiles", and "Upload Imagery - Allows users to upload imagery to the cloud". At the bottom of the page, it says "Made with Streamlit".

Solutions - Automating Permits

Pre-screening of building permit applications using object detection

Rule Compliance Assessment

<input checked="" type="checkbox"/> Professional Stamps	Agree/Disagree
Authentication Rules	
<input checked="" type="checkbox"/> Signature	<input type="radio"/> <input type="radio"/>
<input checked="" type="checkbox"/> Date (present, proximity)	<input type="radio"/> <input type="radio"/>
<input checked="" type="checkbox"/> Date (unambiguous)	<input type="radio"/> <input type="radio"/>
<input checked="" type="checkbox"/> Stamp	<input type="radio"/> <input type="radio"/>
<input checked="" type="checkbox"/> APEGA ID number	<input type="radio"/> <input type="radio"/>
Validation Rules	
<input checked="" type="checkbox"/> Permit to Practice Name	<input type="radio"/> <input type="radio"/>
<input checked="" type="checkbox"/> Permit to Practice Number	<input type="radio"/> <input type="radio"/>
<input checked="" type="checkbox"/> Responsible Member Signature	<input type="radio"/> <input type="radio"/>
<input checked="" type="checkbox"/> Responsible Member APEGA ID Number	<input type="radio"/> <input type="radio"/>
<input checked="" type="checkbox"/> Date (unambiguous)	<input type="radio"/> <input type="radio"/>
Other Administrative Rules	
<input checked="" type="checkbox"/> Owner Information	<input type="radio"/> <input type="radio"/>

Please provide feedback on this assessment:


Icons to indicate compliance of rules

User agree and disagree buttons for rule compliance

Free-typed user feedback area

B-2.4.3. and 2.4.4. Division C

Schedule A-2 - Continued

 REGISTERED PROFESSIONAL OF RECORD PERMIT TO PRACTICE ABC COMPANY RM SIGNATURE: John Doe RM APEGA ID: 123456 DATE: Jan 1, 2020 PERMIT NUMBER: P000000 Jan 13, 2020	Owner
Signature: 2022-10-27 Date: 2022-10-27	Signature: John Doe Date: 2022-10-27
Note: affix seals over signatures	
I, Jane Doe, have signed on behalf of Engineers R Us Firm: Jane Doe Name: 12345 Main Street Address: Edmonton AB T6A 1B2	I, John Doe, have signed on behalf of AltaML Builders Firm: John Doe Name: 10130 103 St NW Address: Edmonton AB T5J 3N9
Postal code: _____	Postal code: _____

Note:

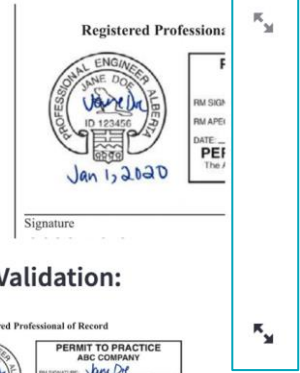
- This letter must be submitted before issuance of a *building permit*.
- In this letter the words in italics are defined in the National Building Code – 2019 Alberta Edition.
- This letter must be signed by the *owner* and the *registered professional*. If signed by an agent, a letter of appointment must be attached. If the *owner* is a corporation, the letter must be signed by a signing officer of the corporation and the signing officer must set forth their position in the corporation.
- The term “substantially comply” is used in *field review* because a *registered professional* does not supervise the actual construction.
- The *constructor* is responsible for safety of the public and workers at the *project site*.

The National Building Code – 2019 Alberta Edition defines a *registered professional* as an individual who qualifies as a

- registered architectural professional,
- registered engineering professional, or
- licensed interior designer.

Can be used to magnify detected stamps and permits for a better view

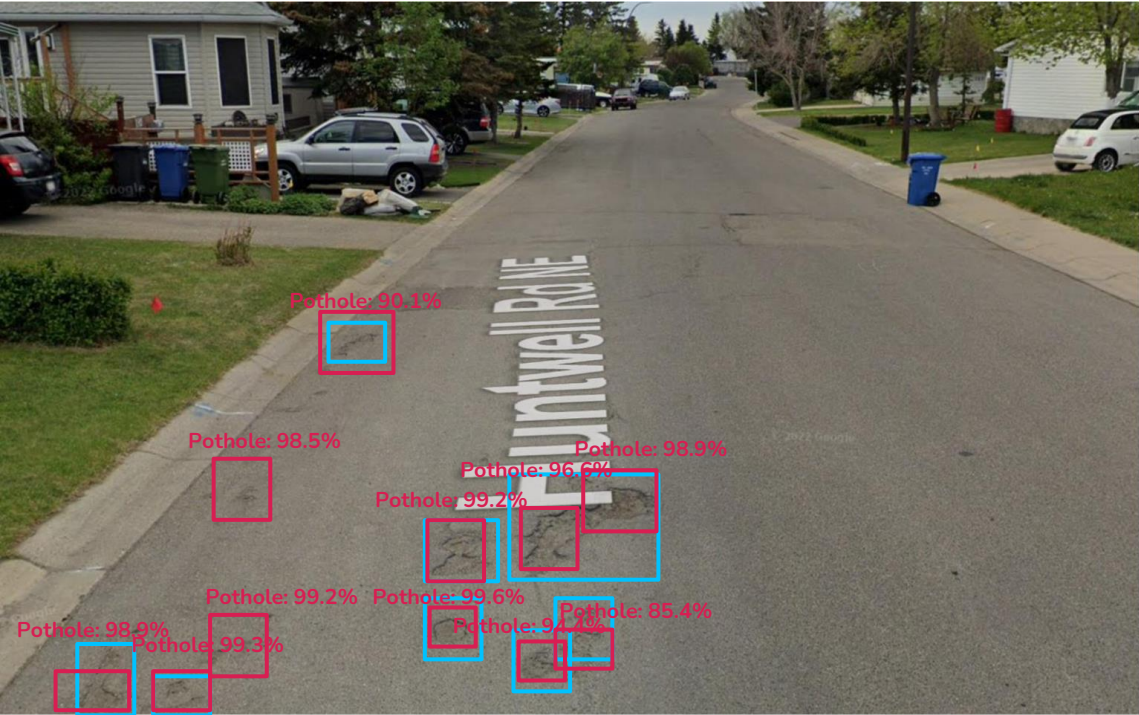
Authentication (Engineer):



Preview of application with annotated bounding boxes of detected stamps and signatures

Solutions - Road Condition Detection

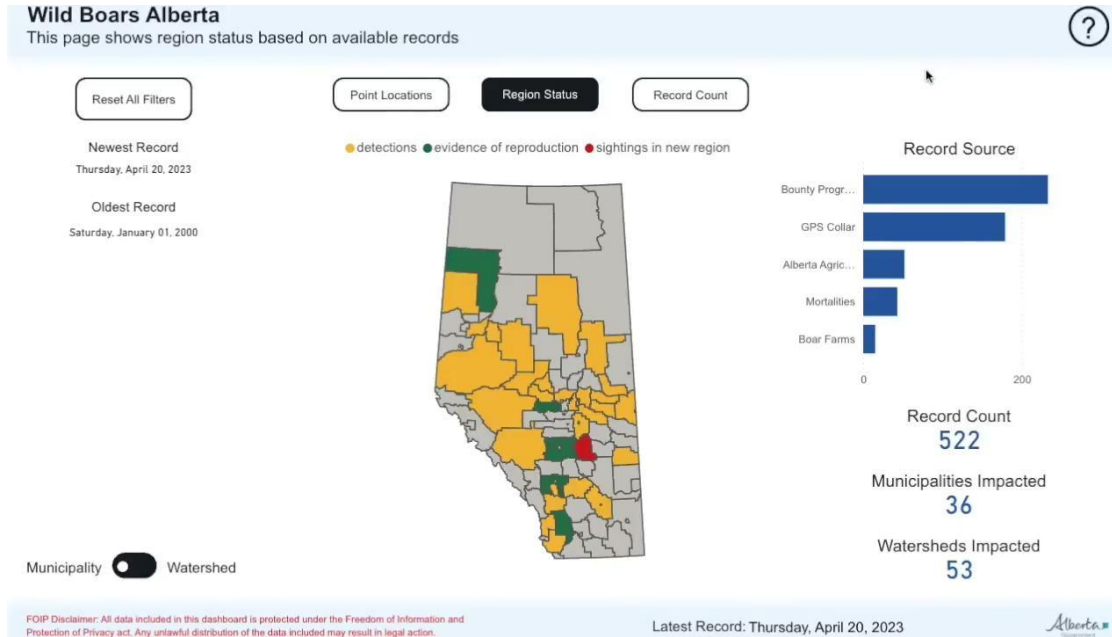
Analyzing road conditions from vehicle mounted cameras



Ground truth labels Pothole Prediction

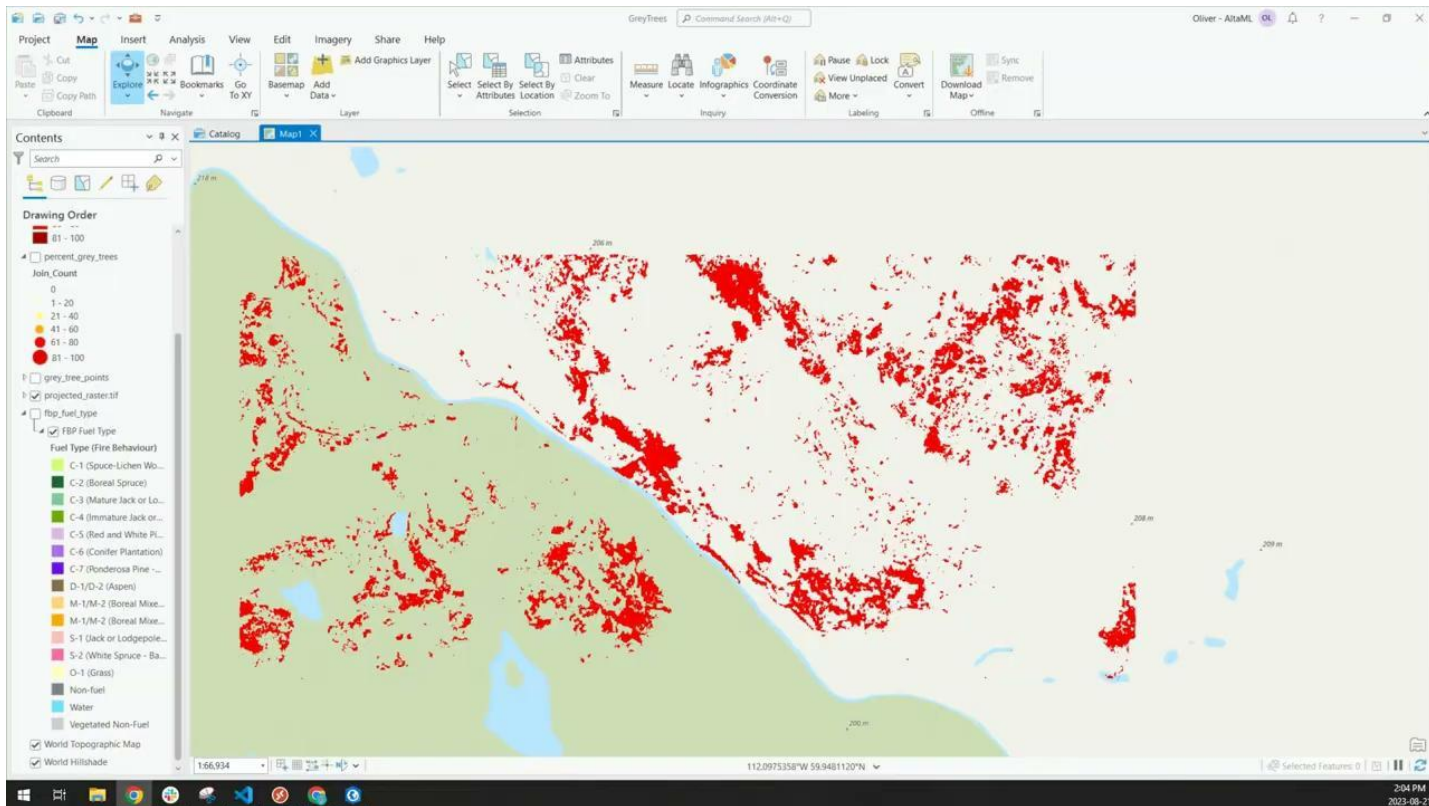
Solutions - Wild Boar Detection

Visualizing Wild Boar Reports throughout the Province of Alberta



Solutions - Grey Tree Detection

Identifying where dead tree are located



Unlocking Innovation Through Technology and Data

"GovLab.ai has opened my eyes to the many possibilities of using Wildfire data and AI to help solve long standing complex problems."

- Ed Trenchard, Wildfire Management Specialist,
Alberta Wildfire Management Branch

GovLab
—●— ai

Public
Sector
Data

Private
Industry
Tech

Academic
Leadership

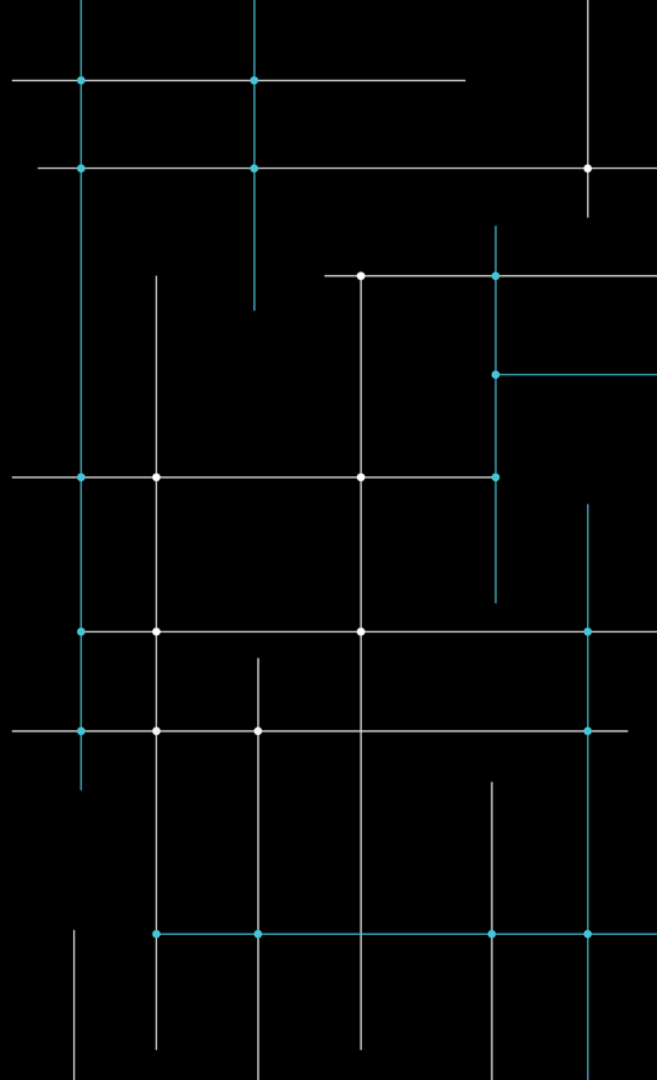
Questions & Discussion

Contact:

Chantal Ritcey

chantal.ritcey@altaml.com

GovLab.ai



Compliance: The Oversight of Content Management, Access and Privacy

Compliance
Privacy, Policy and Governance Branch
Data, Privacy and Innovation Division
Technology and Innovation

IM Aware on September 12, 2023



Alberta

Government of Alberta policy sets out requirements for managing content, access and privacy.

By monitoring adherence to these requirements, government transparency and accountability and compliance with legislation can improve and potential risks can be identified and addressed.



What is Compliance?



A METHOD FOR
ASSESSING RISK



OVERSIGHT OF STAFF
UNDERSTANDING OF
LEGISLATION AND
POLICY



MEASUREMENT OF
MATURITY IN
COMPLYING WITH
LEGISLATION AND
POLICY



FOCUS ON MONITORING
AND AWARENESS



EACH STAFF MEMBER
RESPONSIBLE FOR
COMPLIANCE

Context for the Compliance Program

- GoA digital transformation and integration
- Government accountability
- Strengthened federal and international privacy legislation
- Increased data sharing and Artificial Intelligence use of data
- Changing public expectations from government
- Recommendations of the Office of the Information and Privacy Commissioner (OIPC) (2016, 2019)
- Other jurisdictions use maturity assessment models and continuous improvement cycles

Authorities Used by Compliance

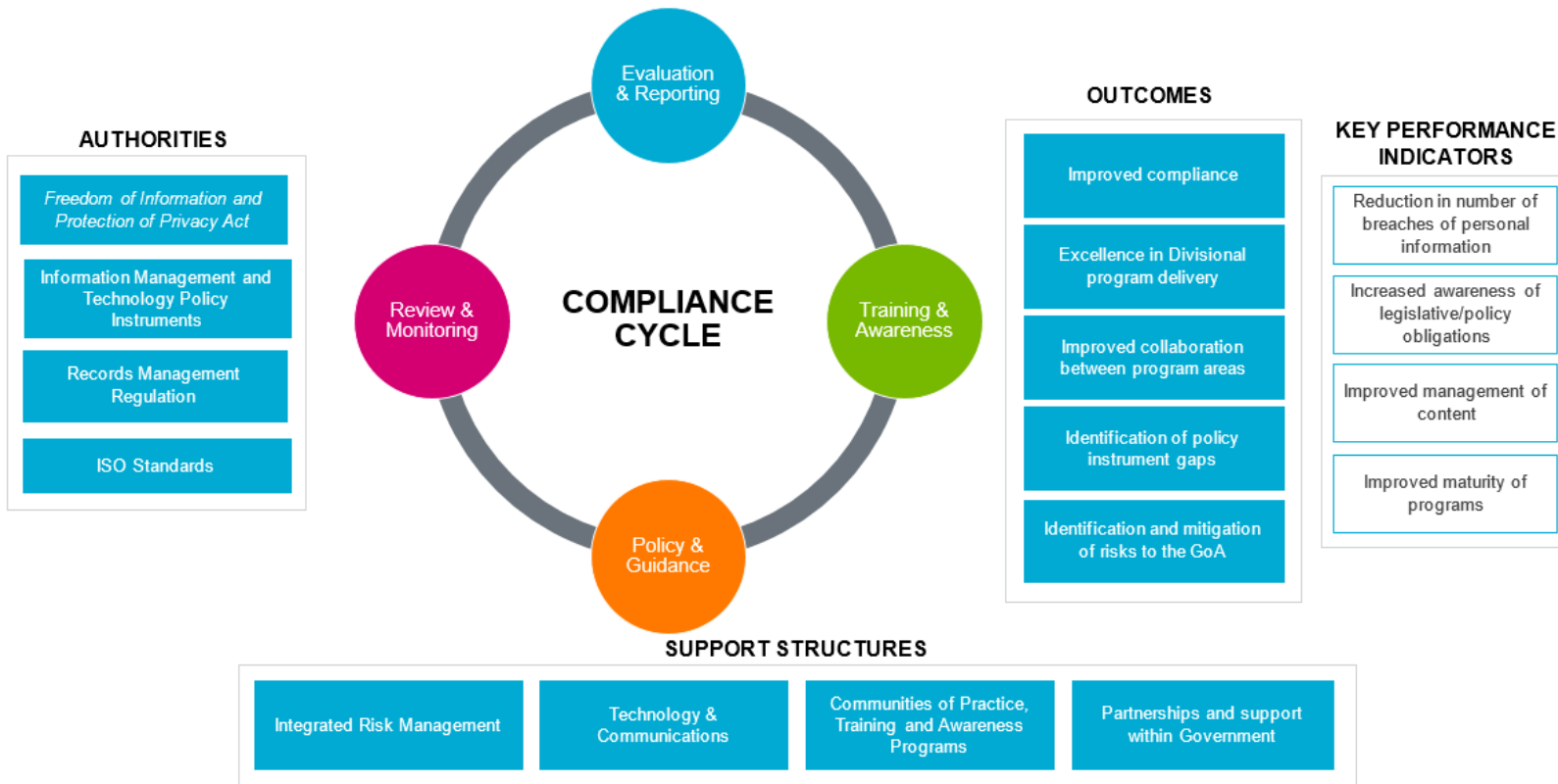
Content Management	Privacy	Access to Information
<ul style="list-style-type: none">• <i>Freedom of Information and Protection of Privacy (FOIP) Act</i>• Records Management Regulation• ISO Standards/ Canadian General Standards Board 72.34 Electronic Records as Documentary Evidence	<ul style="list-style-type: none">• FOIP Act	<ul style="list-style-type: none">• FOIP Act

DATA, INFORMATION MANAGEMENT, ACCESS TO INFORMATION AND PRIVACY COMPLIANCE PROGRAM

VISION



Responsible management of all records, data and information, in the custody and control of Government of Alberta departments, through the identification and mitigation of risks that could interfere with enterprise content management requirements and policy instruments.



Compliance Unit

- Consists of a Manager and two Senior Compliance Analysts
- Developed tools for assessing compliance in the management of content (data and information), privacy and access to information

The Pilot Survey

Pilot Survey

- Questions were developed to test staff understanding of related policies and practices.
- The responses to the questions were tabulated and set against other data sets to develop a maturity level assessment for each group of questions.
- An anonymizing online survey tool was used.

Calculating Maturity Levels

Data & Information Management	Privacy	Access to Information
<ul style="list-style-type: none">• Survey Answers• Content Inventories• Training Statistics• Updated Records Schedules	<ul style="list-style-type: none">• Survey Answers• Privacy Services Statistics• FOIP Annual Report Statistics• Training Statistics	<ul style="list-style-type: none">• Survey Answers• Current PIBs• FOIP Heat Map• FOIP Annual Report Statistics• OIPC Reports• Training Statistics

Maturity Levels




Level	Explanation	Maturity Level
5	Extremely familiar	Level 5: Proactive. Program is constantly assessed, analyzed and goal of continuous improvement.
4	Very familiar	Level 4: Operational. Adherence to legislation/standards, desire to further develop/improve the program.
3	Familiar	Level 3: Formative. Procedures and processes are well documented.
2	Some familiarity	Level 2: Aware. Some elements of the program are in place, but limited evidence.
1	Not familiar at all	Level 1: Unmanaged. Practices are ad hoc and inconsistently applied

Reporting

- Survey Results Summary
- Scorecard
- Key insights & Recommendations for improvement

Data, Content, Access, and Privacy Compliance Scorecard

Division: Data, Privacy and Innovation
 Department: Technology and Innovation

Maturity Level Results	Survey Highlights	Training Compliance Results	Additional Data
 Access 3 - Familiar	<ul style="list-style-type: none"> Most respondents report that they are familiar with their responsibilities and obligations under FOIP. Some staff requested additional information on how to respond to a FOIP Access request. 	94.4% Divisional Completion Rate	<ul style="list-style-type: none"> Department FOIP Heat Map Results, FOIP Annual Reports Stats
 Privacy 3 - Familiar	<ul style="list-style-type: none"> Most respondents report that they are familiar with their responsibilities and obligations under Privacy. Staff were less familiar with the Directory of Personal Information Banks (PIBs). 	89.2% Divisional Completion Rate	<ul style="list-style-type: none"> TBC - number of completed PIBs, any Privacy Services Statistics
 Records and Information 3 - Familiar	<ul style="list-style-type: none"> Most respondents report that they are familiar with their responsibilities and obligations under the Records Management Act, Regulation and eDiscovery. Some staff request more advanced training in Content Management. 	95.6% Divisional Completion Rate	<ul style="list-style-type: none"> Content Management Inventory Completion

Divisional Recommendations

- Placeholder for recommendations to improve compliance for the division,

LEGEND	
Maturity Level	Explanation
5	Extremely familiar - Proactive - program is constantly assessed, analyzed and goal of continuous improvement.
4	Very familiar - Operational - adherence to legislation/standards, desire to further develop/improve.
3	Familiar - Formative - procedures and processes are well documented and understood.
2	Some familiarity - Aware - some elements of the program are in place and understood but limited evidence.
1	Not familiar at all - Unmanaged - practices are ad hoc, not understood and inconsistently applied.

Key Insights

- A high degree of understanding of the requirements for FOIP access, privacy, and the management of content
- Requests for more training
- Better policies and procedures would be appreciated

Next Steps

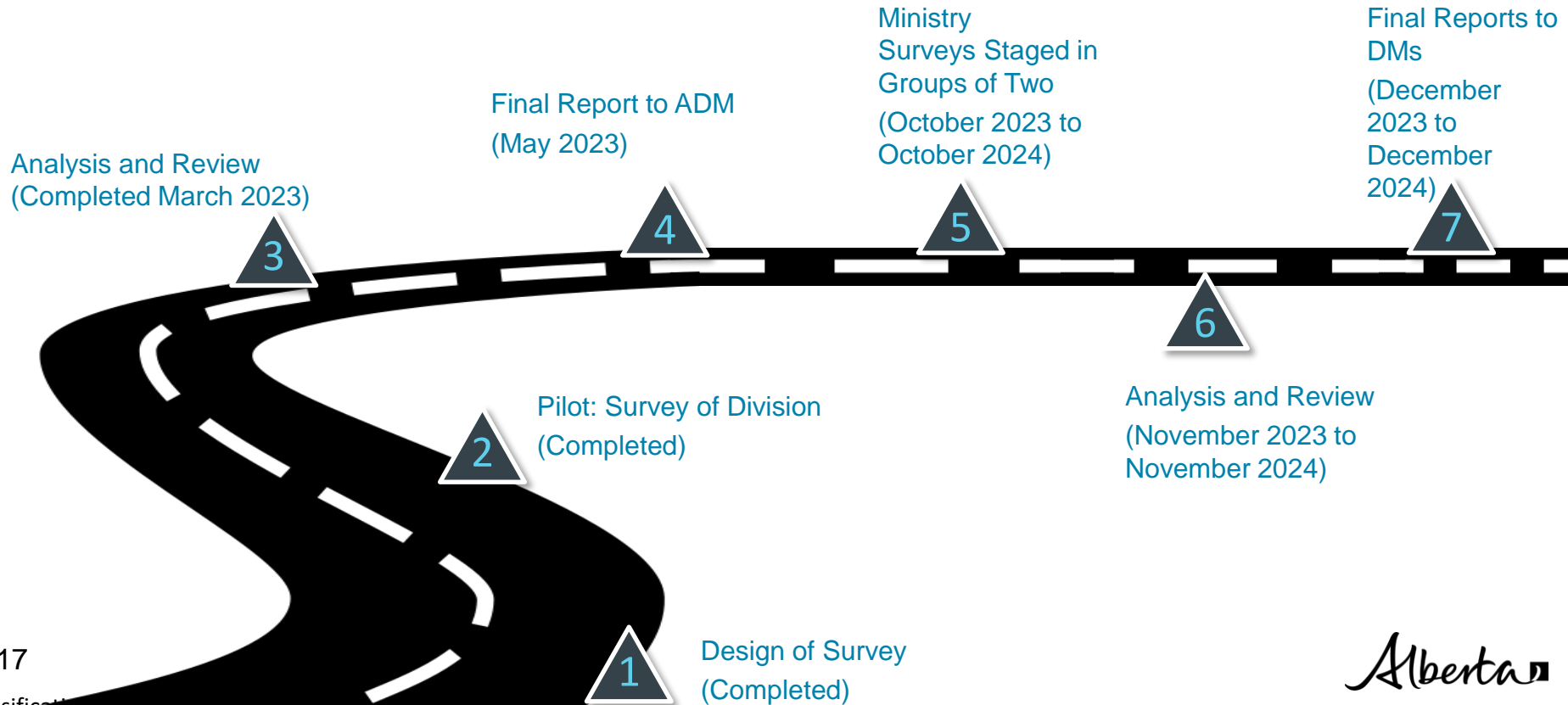
Next Steps

- Conduct a General Survey of employees in each ministry
 - Report on findings to the ARMC, ADM IMT Committee and DM Council
- Conduct a compliance program review
- Work with other compliance teams in the GoA

General Survey Considerations

- Any survey of employee knowledge of policy requirements must be unobtrusive and clearly written.
- The survey should take no more than 20 minutes to complete.
- The survey responders must be confident of anonymity.
- The survey should provide a baseline measurements that can be refined by later compliance monitoring.
- The survey results aid in assessing the level of maturity of compliance of each department with policy requirements.
- Stakeholders are identified (DM Council, PSC, CPE, etc.)

2023-2024 Compliance Survey Roadmap



Future Program Reviews

- Over the next three years (2023 to 2025) Compliance will conduct reviews of corporate content management, privacy and access programs
- Each review will assess
 - Current policy in light of interviews and best practices
 - Training materials
- Make recommendations to mitigate risks

Contacts

- Compliance goa.compliance@gov.ab.ca
- Privacy privacy@gov.ab.ca
- Cybersecurity goa.cybersecurity@gov.ab.ca
- IM Programs [**Advice and Consultation Service Request Form**](#)

Questions?



IM Aware

RPA, GovLab.ai, and Compliance

Thanks for tuning in.

To join our mailing list email:

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