



What is CedarBox

CedarBox is a secure, web-based, GIS enabled information management application for promoting collaboration and managing consultation, which combines records management with spatial analysis.

CedarBox supports your land-use decision making using archaeological, environmental and GIS data. In support of development or referral projects, CedarBox enables the capture, management, review, and approval processes.

Your Stewardship team can monitor natural resource usage against conformance with established conditions. CedarBox features Community base Stewardship, supporting both education and academic research needs.

CedarBox has four applications including Development, Heritage, Ecosystems and Land Registry. The functionality of these Apps is described below.

Key Features

- GIS based
- Multi-media based data
- Multi-layer data
- Supports input data from multiple sources including GIS & LiDAR
- Case management capabilities with full support for documents, photos, videos, audio and correspondence
- Supports data from field monitoring activities including drones, handhelds and IoT devices for Wrecked, Abandoned or Hazardous Vessels
- Multi-dimensional search and filtering

Development

The Development App supports land use referral management and includes a contacts relationship manager, rich per-project support with a GIS based capability providing spatial analysis of uploaded planning layer shapefiles. Capabilities include email harvesting (with files), team discussion, and the ability to manage important dates and review actions. Spatial reports are enhanced with an ArcGIS Desktop integration. Custom reports are an important feature of the Development App.

Heritage

The Heritage App supports uploading and curating of Traditional Use Studies (TUS), Traditional Ecological Knowledge (TEK) and Traditional Land Use (TLU) documents, shapefiles, audio-visual content and interviews and the ability to manage interviews. The uploaded data can be geo-spatially tagged supporting cataloging and the powerful search capability, including in-PDF and spatial searches. CedarBox includes GIS tools, database support for place-names and toponyms. Reports support Archaeology and field visits.

Ecosystems

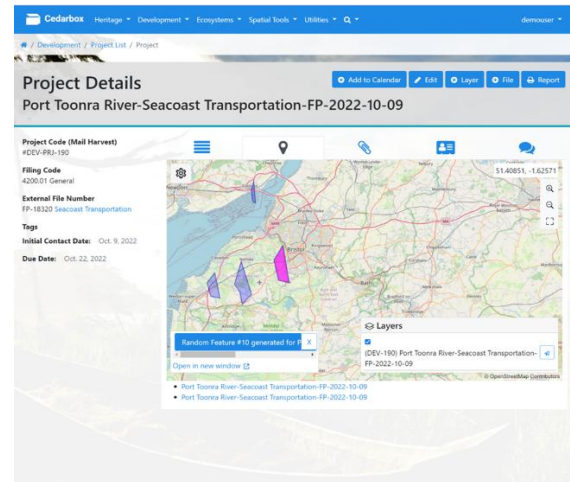
Through this App users manage their Ecosystems GIS database, uploading key Ecosystem spatial layers supported by integrated GIS tools. Capabilities include the ability to develop and manage mobile field forms and capture exploration and survey data using mobile supported iOS and Android Apps. The Ecosystems data is accessible in the Development and Heritage Apps.

Lands Registry

The Lands Registry App support reserve lands and resources management and includes parallel features and data tracking to the First Nations Land Registry (FNLR). This App captures of all supporting documents, data and information, including lots used in Canada lands surveys records, leases and other instruments. The App supports land allocation reporting and ArcGIS generated spatial data.

Field Survey App

The Field Survey Apps for mobile devices supports remote data collection by stewardship teams, based on survey forms easily created in CedarBox. The uploaded geotagged data takes advantage of the built in GIS capabilities of CedarBox.



Hosting Options

On-Premise

This option provides for servers physically on-site, managed and maintained by the First Nation IT team and the CedarBox software maintained by Mighty Oaks.

MightyCloud

CedarBox is hosted in our private cloud service in data centres in Vancouver and Kelowna providing redundant backup operation. This ensures Canadian data residency on Tier-1 enterprise-grade hardware, owned by Mighty Oaks, secured by industry leading Sophos intrusion detection protection technology.

Reference

"CEDAR has been invaluable to the Metlakatla Stewardship Office staff for organizing, tracking, and assessing projects referred to us from all levels of government. The tool has become an integral part of our consultation management system and continues to grow to meet the demands placed on our staff from an increasing number of proposed developments in Metlakatla territory." Anna Osborne & William Nelson, Metlakatla First Nation