Service New Brunswick
Services Nouveau-Brunswick

CARIS LIN

The Software behind Cadastral/Land Registration Solution Successes in the Maritime Provinces of Canada

Greg Mulholland
CARIS

caris®

About CARIS . . .

26 Years in Business

Successful CARIS Installations in over 50 Countries

150+ professional/multilingual Employees

Subsidiary Offices in The Netherlands and United States

What We Do …

Develop, integrate and implement Spatial Information Management Software Solutions

Consulting

Professional Development Services

Training

Customer Services and Support

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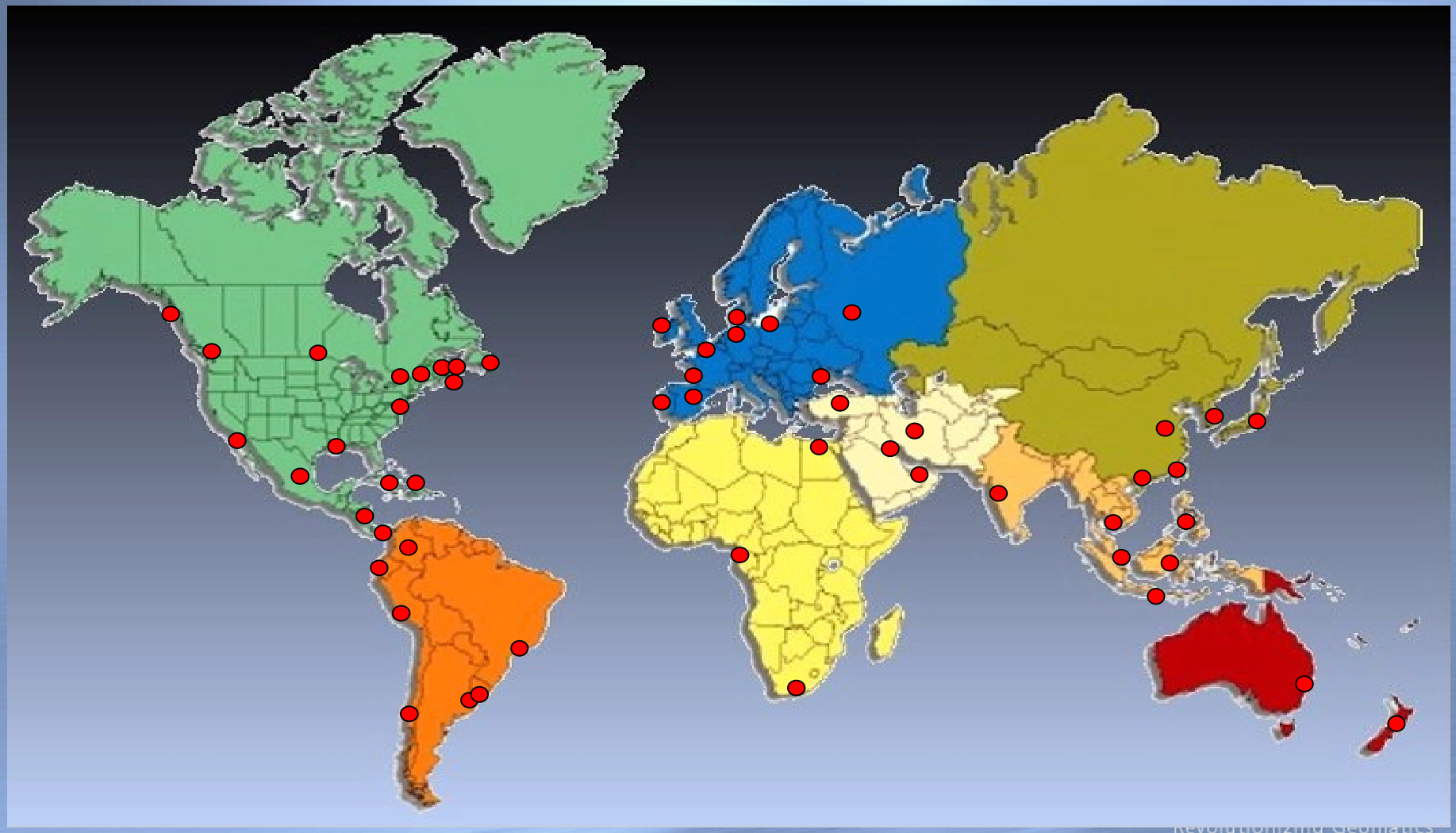
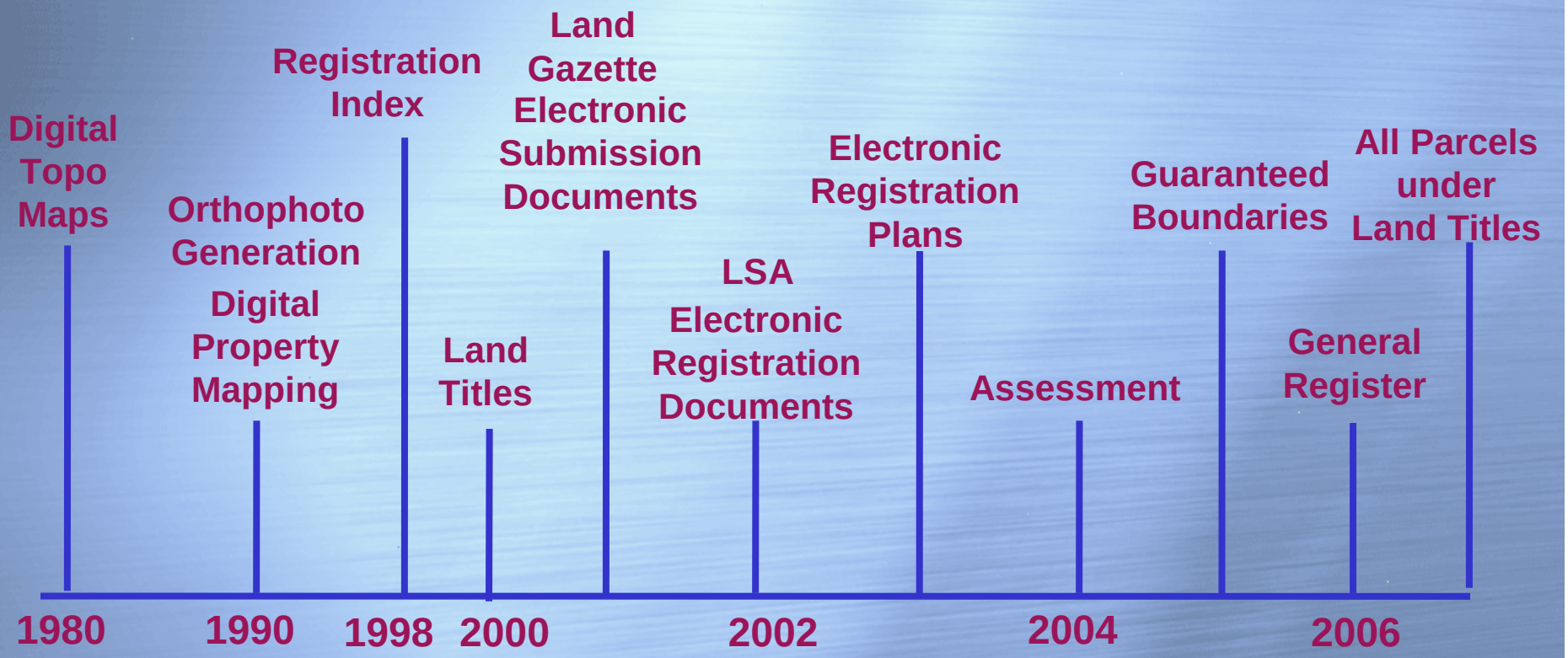
Revolutionizing Geomatics

CARIS Global Implementations



CARIS LIN – An Evolving System



CARIS GIS CARIS LIN LIN Evolution / Responding and Adapting to Client Needs

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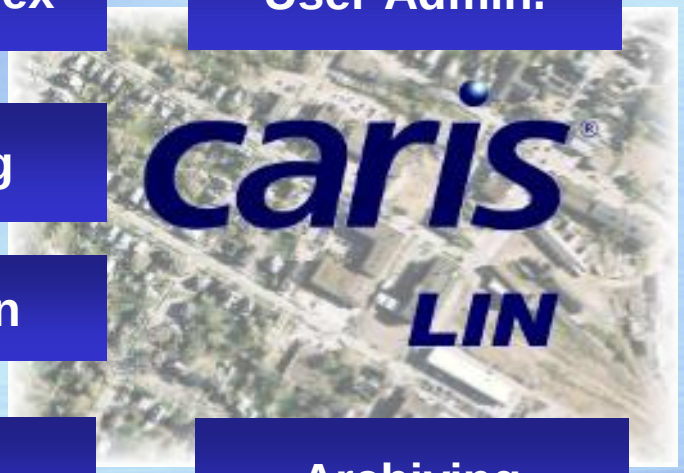
CARIS LIN



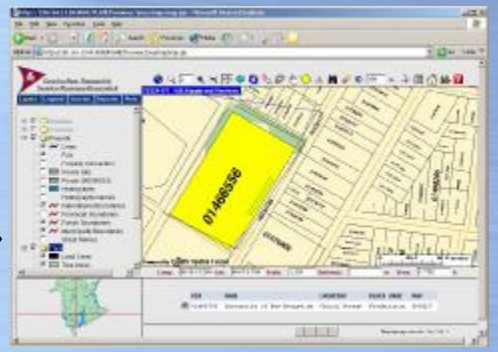
- Registry Index
- User Admin.
- Land Management
- Cashiering
- Internet Browser
- Conversion
- E-Submission
- Imaging
- Archiving
- Land Gazette

- ***a complete software solution for managing information related to formalized property rights and for automating the business processes involved in the transfer of those rights***
- ***a means for the collection, storage, and retrieval of a variety of other land information associated with the same units of land affected by those formalized rights***

Revolutionizing Geomatics

Centralized Database

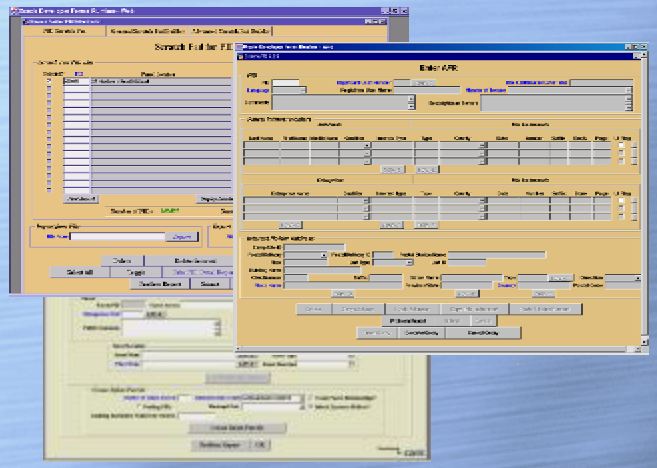
Internet



External Access

- **Lawyers**
- **Surveyors**
- **Real Estate Brokers**

Intranet



Semi- Automated Business Processes

Internal Access

- **Administration Access Control**
- **Front Office/Back Office**
- **Operational Staff**
- **Quality Control**

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Business Processes

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Full Document Process

Lawyer goes to the Registry office with his document

Registry front counter staff index the document, accept payment and generate the receipt.

Document moves to the back counter, where the data is completed/verified.

Once the necessary edits are completed, the document is registered (and requested for scanning).

Document moves to the scanning station, where it is scanned and then moved through the Quality Control process.

Document moves to the Property Mapper, where the parcel register/attribute data are maintained as required.

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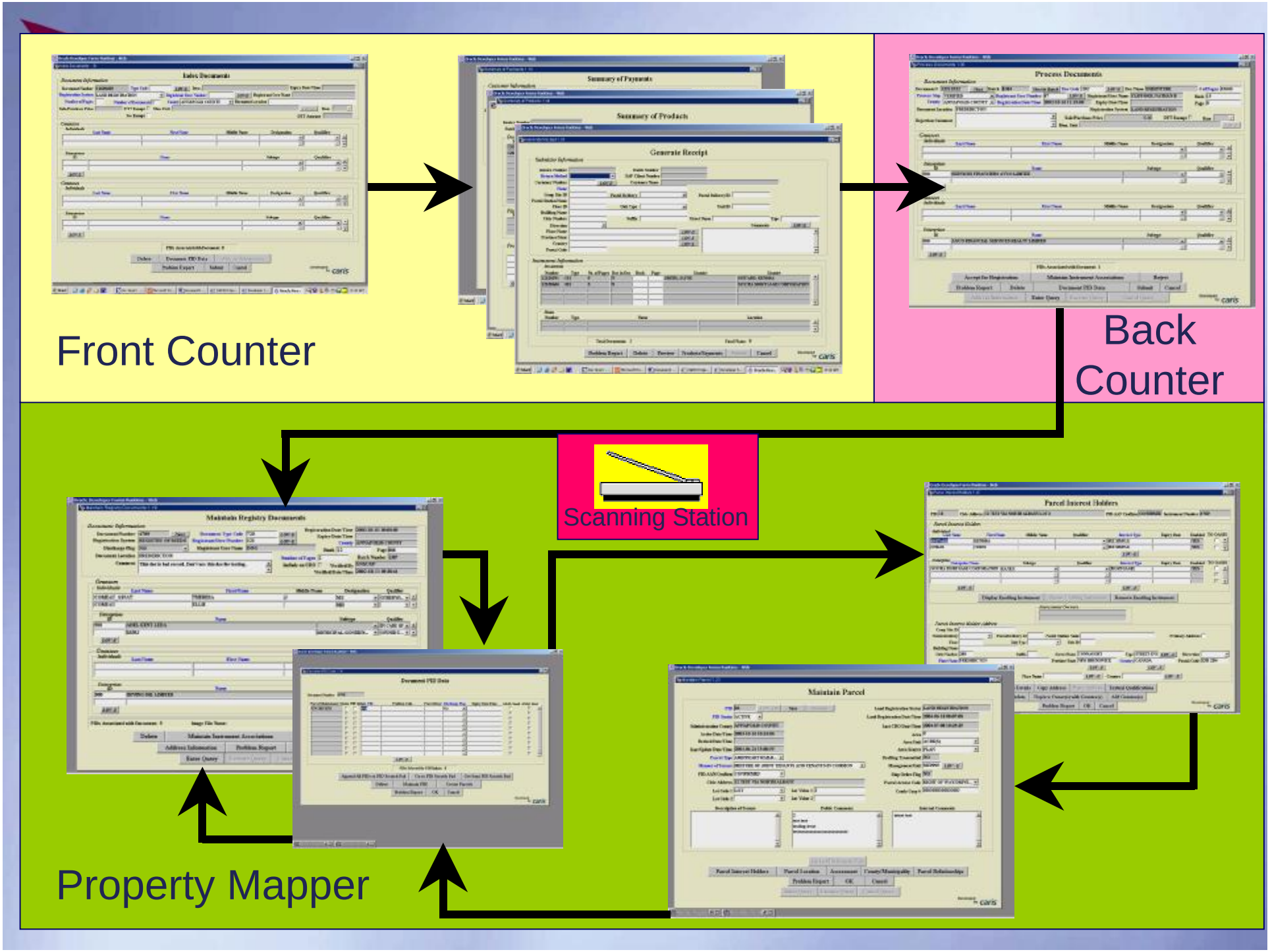
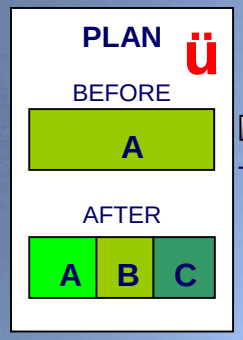

Front Counter
Back Counter
Scanning Station
Property Mapper

Updating Cadastre



Registered Plan

Triggers a need to update the property graphics

Graphical Change Order

Affected PID(s) have their Map Revision flag set to 'Yes'

Mapper receives GCO and begins update process

Check Out Management Unit for Update

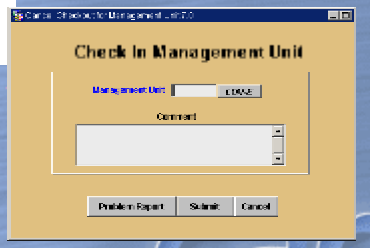
Locks selected MU to pre
another user from making c

The user retrieves the file from the repository.

Cadastre Maintenance Tool

Graphics are updated to reflect necessary changes

Check In Management Unit



User checks the MU back in, and places the file back in the repository.

Scheduled Job
Check Into Fabric

Picks up checked in files and integrates them back into the map fabric.

Parcels have their Map Revision flag set back to 'No'

External Portal

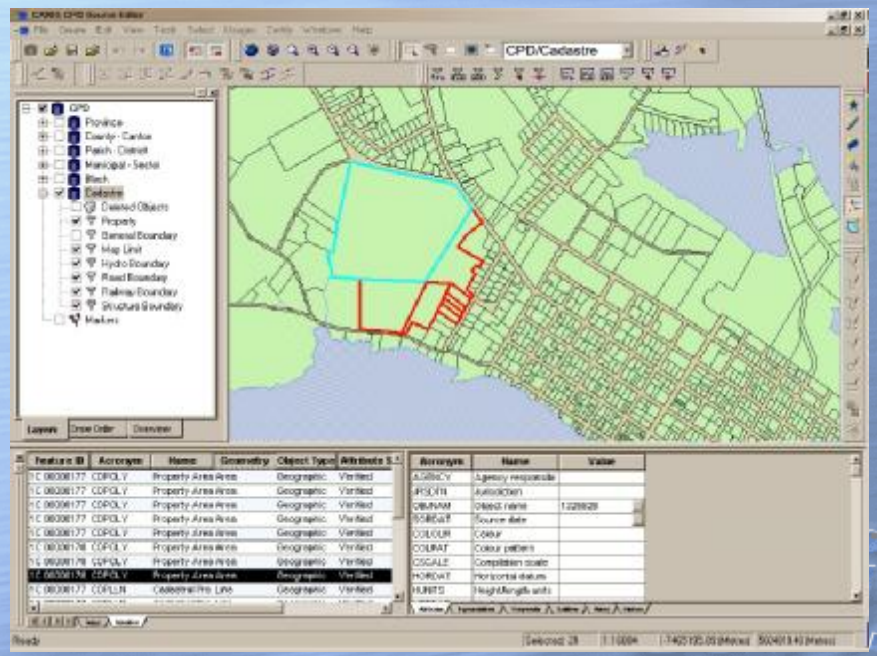
Changes to map data are now viewable to the external users

Revolutionizing Geomatics

CARIS- Cadastre Production Database (CPD)

Customized business application: to construct land objects based on a series of coordinated points that have been surveyed and adjusted.

- **Database Driven**
- **Quality Control Mechanisms**
- **Retain Parcel History**
- **Distributed Multi-user Access**
- **Centralized Database**



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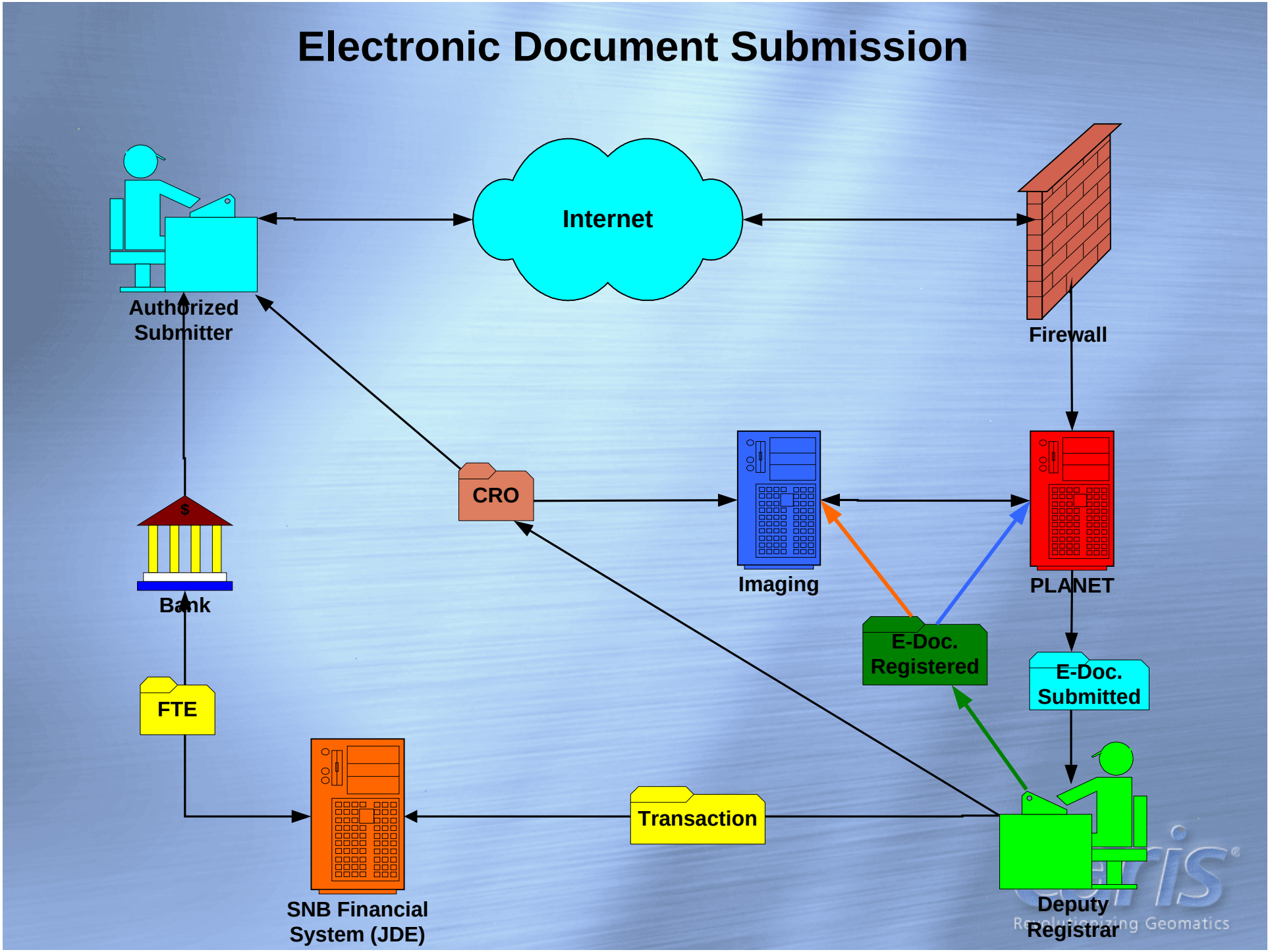
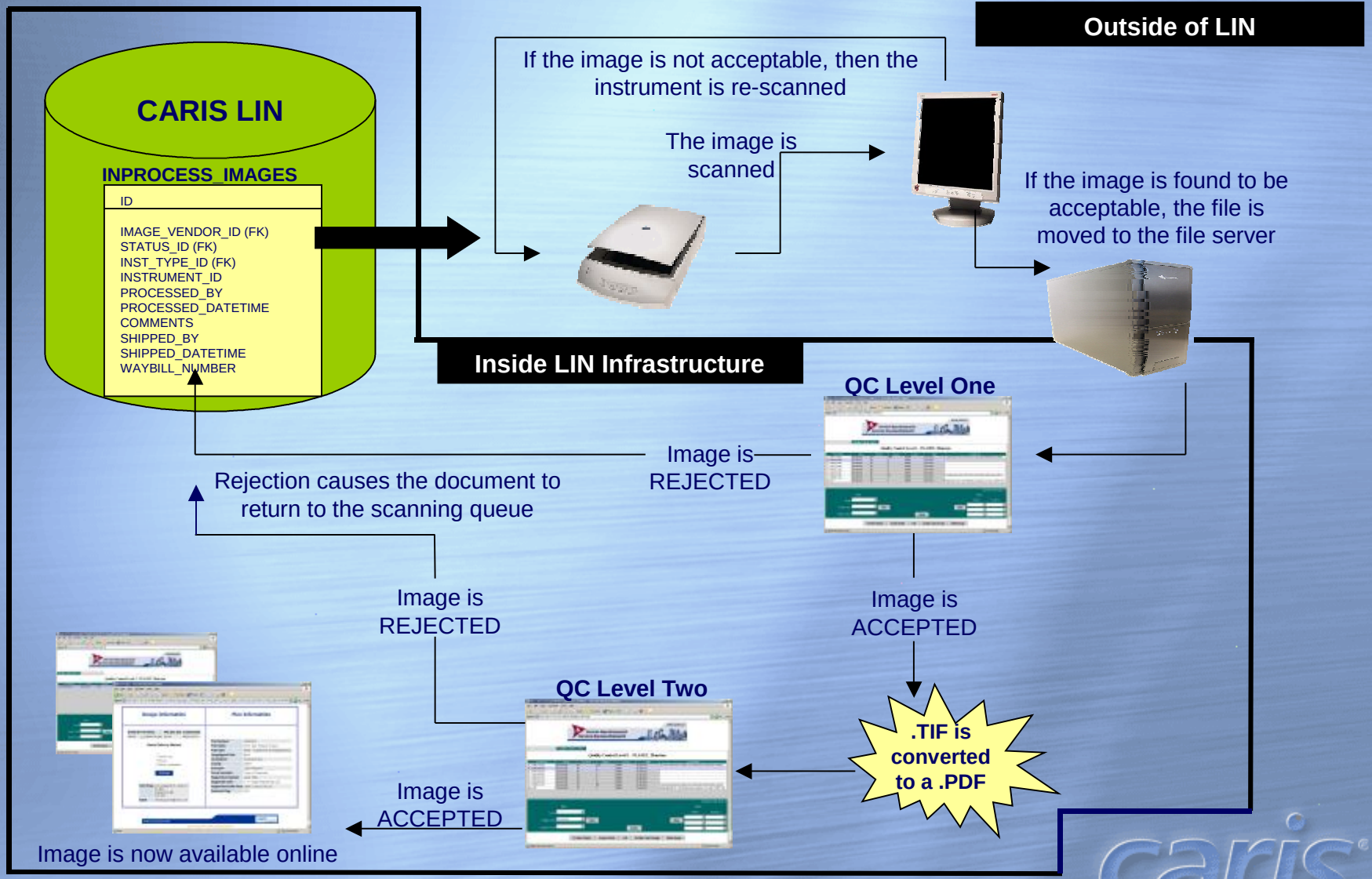
Electronic Document Submission



Imaging Process



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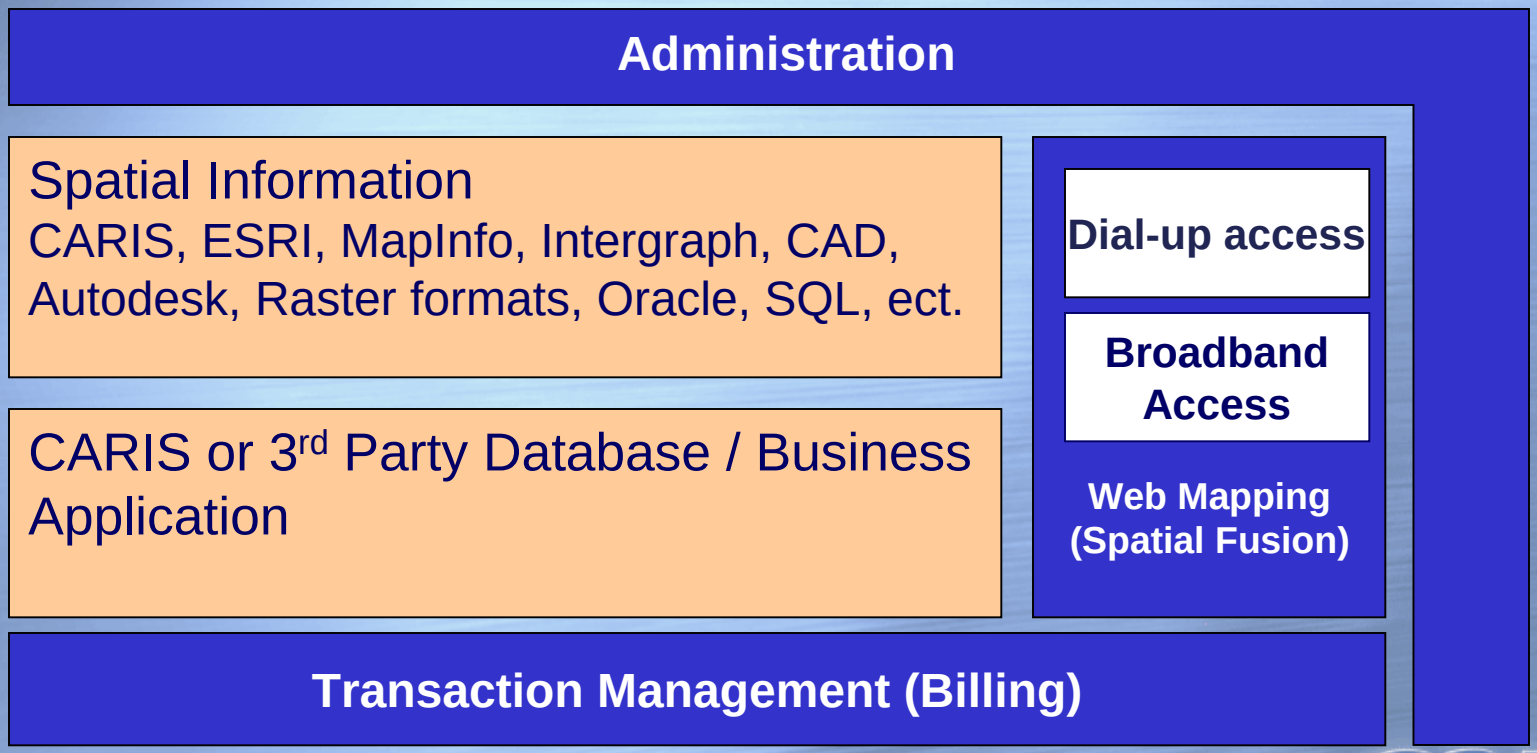
EXIT

External Access – Internet Browser

- **Internet Browser based on CARIS ICIS technology has been designed and built specifically to address the deployment of land information in an internet environment.**



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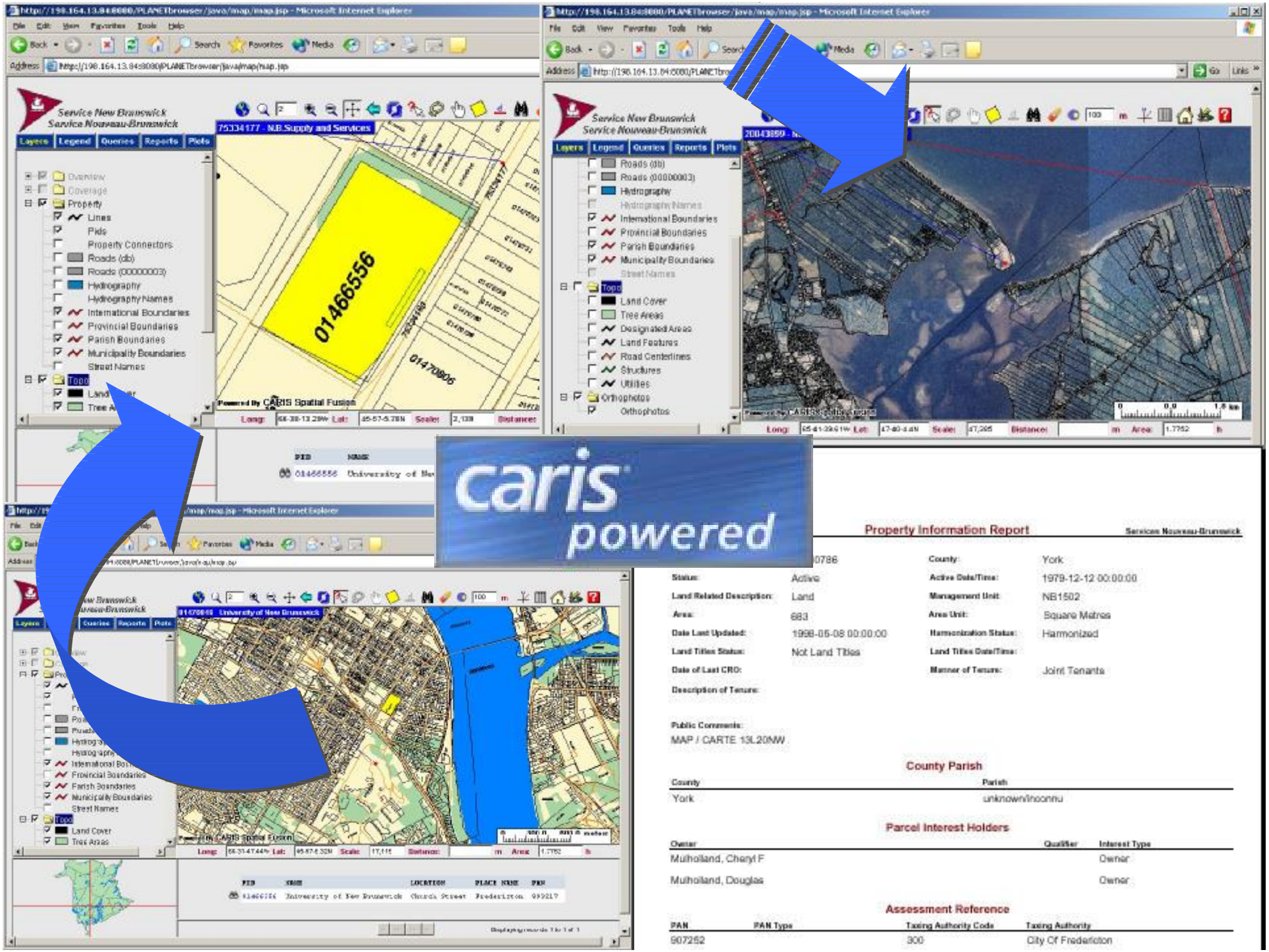
Service New Brunswick
Service Nouveau-Brunswick
Layers
Legend
Queries
Reports
Plots
75334177 - N.B.Supply and Services
01466556
01470906
Powered By CARIS Spatial Fusion
caris
powered
Property Information Report
Services Nouveau-Brunswick
County: York
Status: Active
Active Date/Time: 1979-12-12 00:00:00
Land Related Description: Land
Management Unit: NB1502
Area: 683
Area Unit: Square Metres
Date Last Updated: 1998-05-08 00:00:00
Harmonization Status: Harmonized
Land Titles Status: Not Land Titles
Land Titles Date/Time:
Date of Last CRO:
Manner of Tenure: Joint Tenants
Description of Tenure:
Public Comments:
MAP / CARTE 13L20NW
County Parish
County
Parish
York
unknown/inconnu
Parcel Interest Holders
Owner
Qualifier
Interest Type
Mulholland, Cheryl F
Owner
Mulholland, Douglas
Owner
Assessment Reference
PAN
PAN Type
Taxing Authority Code
Taxing Authority
907252
300
City Of Fredericton

Real Time Land Information

Information Portal

Standardized Reports

Land Title

Land Gazette

Land Gazette Notice

Survey Plan

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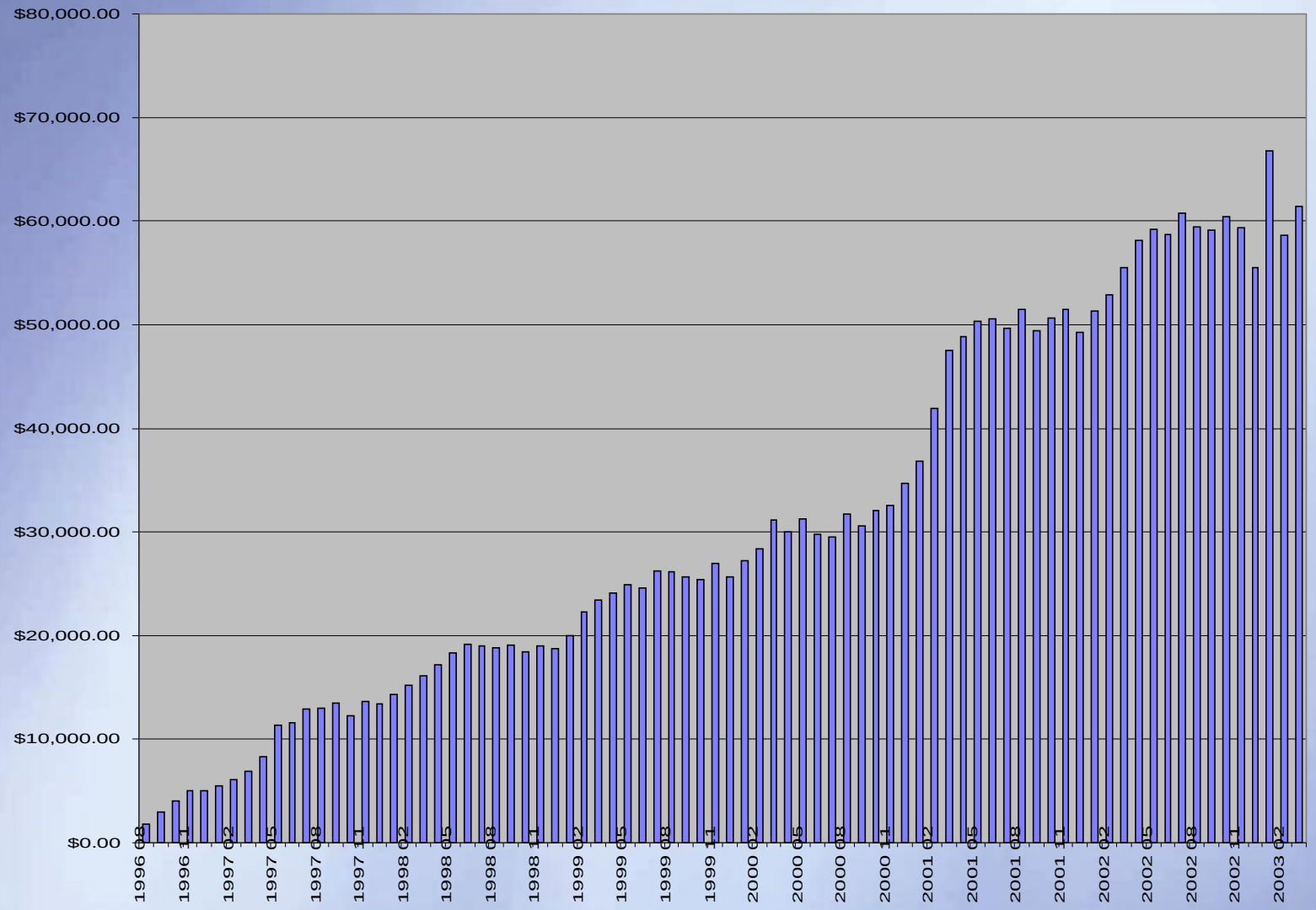
Services Nouveau-Brunswick

CARIS iCIS Revenue Generating



Property Browser (Monthly Use)

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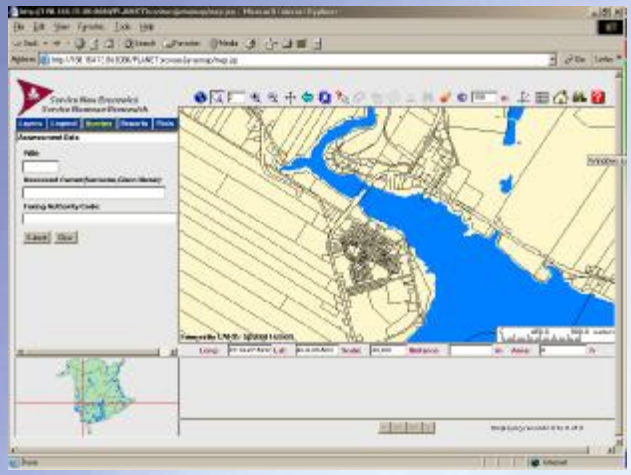
Multipurpose Cadastre: System Integration



New Brunswick

Prince Edward Island

Registry Index
Archiving
and Management
Parcel Description
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Internet Browser
E-Submission Plans
E-Submission Documents
Imaging
User Admin.
Land Gazette

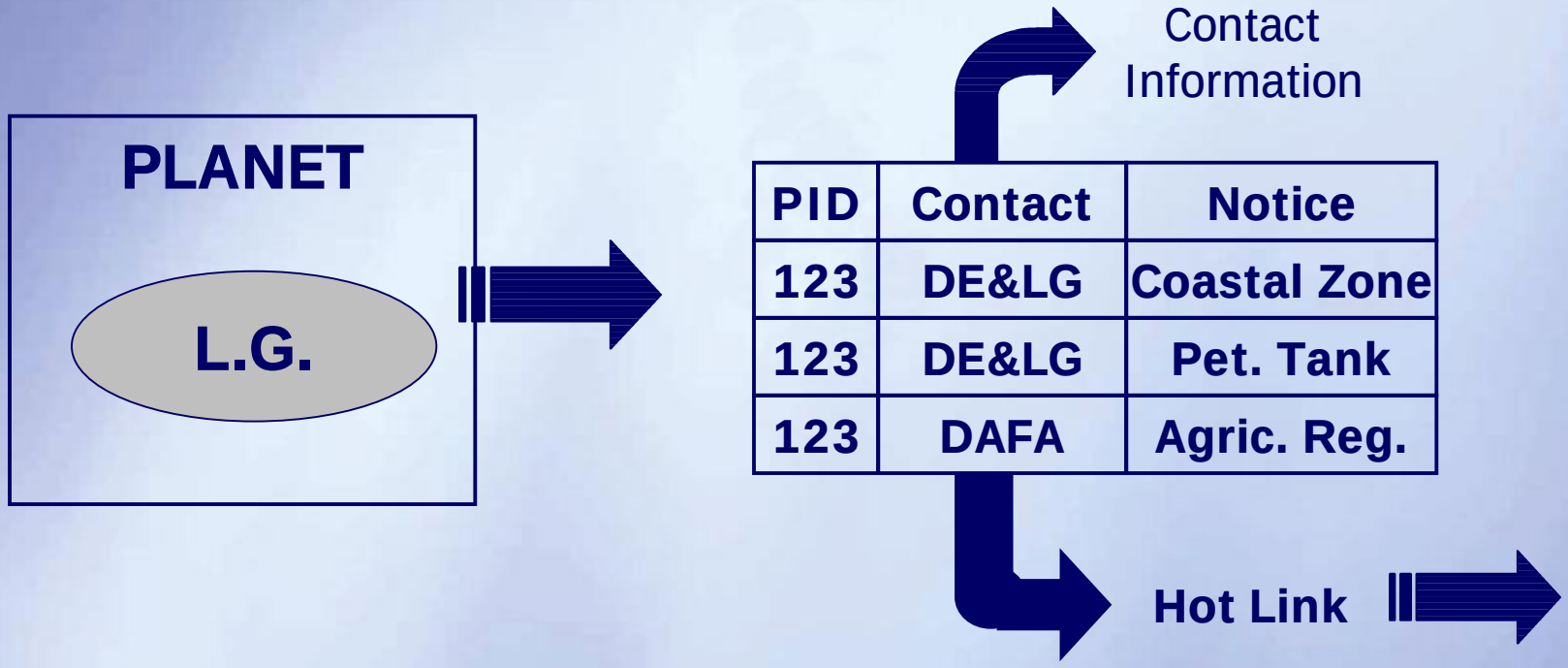
Taxation System

3rd Party Software

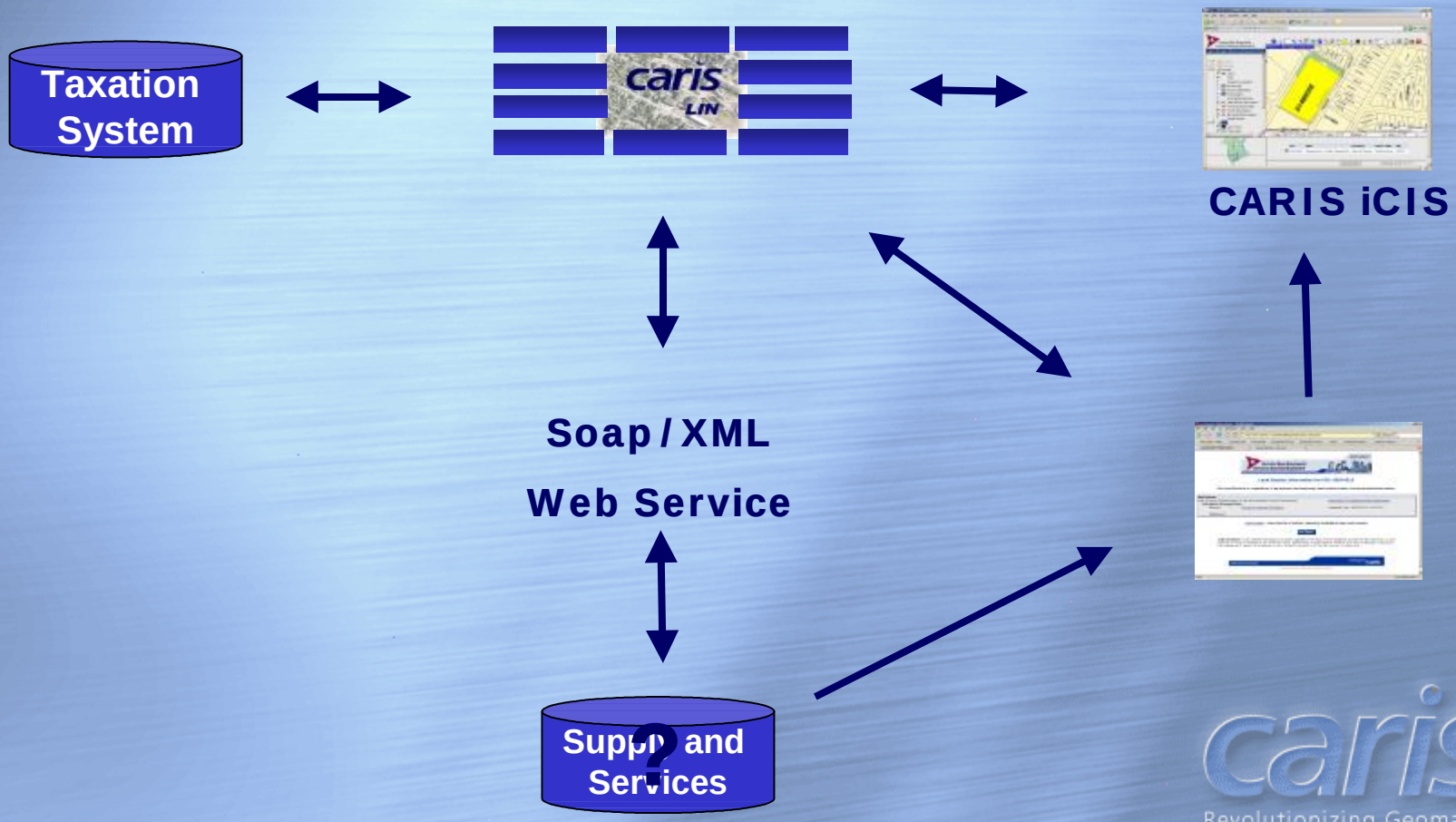
Cadastral System

Service New Brunswick
Services Nouveau-Brunswick

Multipurpose Cadastre: Land Gazette



Multipurpose Cadastre: Department of Supply and Services



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E-Government

Land Information Experience

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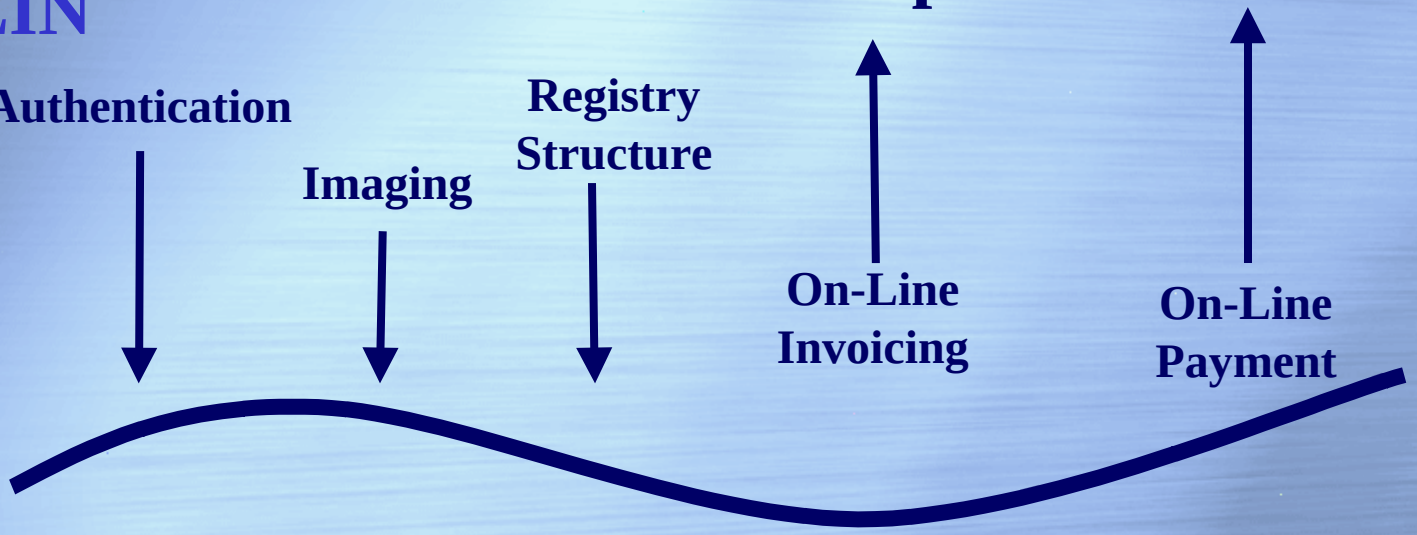

CGI GBiz

Motor Vehicle Renewal	Employee Directory	Payment Taking Municipalities	Companies Database On-Line	Annual Returns On-Line

1996

e-Government Solutions

2004

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Service New Brunswick
Services Nouveau-Brunswick

CARIS

and

Service New Brunswick

Government Services

on time, every time, everywhere

www.snb.ca

www.caris.com

greg.mulholland@caris.com

25th caris Anniversary
1979 – 2004