



NB MOTOR VEHICLE SYSTEM

AN INTRODUCTION TO OUR SYSTEM AND A SHORT DISCUSSION ABOUT THE PHILOSOPHY OF SHARING

ABOUT TODAY'S OVERVIEW



BACKGROUND



HOW IT WORKS



13 SYSTEMS ?

HISTORY (PRE-2014)

- Phase 1 -2006 – Opportunity/Evaluation
- Phase 2 – 2007 – Business Analysis
- Phase 3 – 2009 – 2011 – Technical Platform Modernization
- Phase 4 – 2011 – 2014 – Business Transformation

OUR LAUNCH AND POST MORTEM OF THE LAUNCH

- Launch Date: May 14th, 2014
- The launch was non-optimal.
- Immediate formation of a multi-department “Stabilization Team”.
- Stable and working by August 1st, 2014

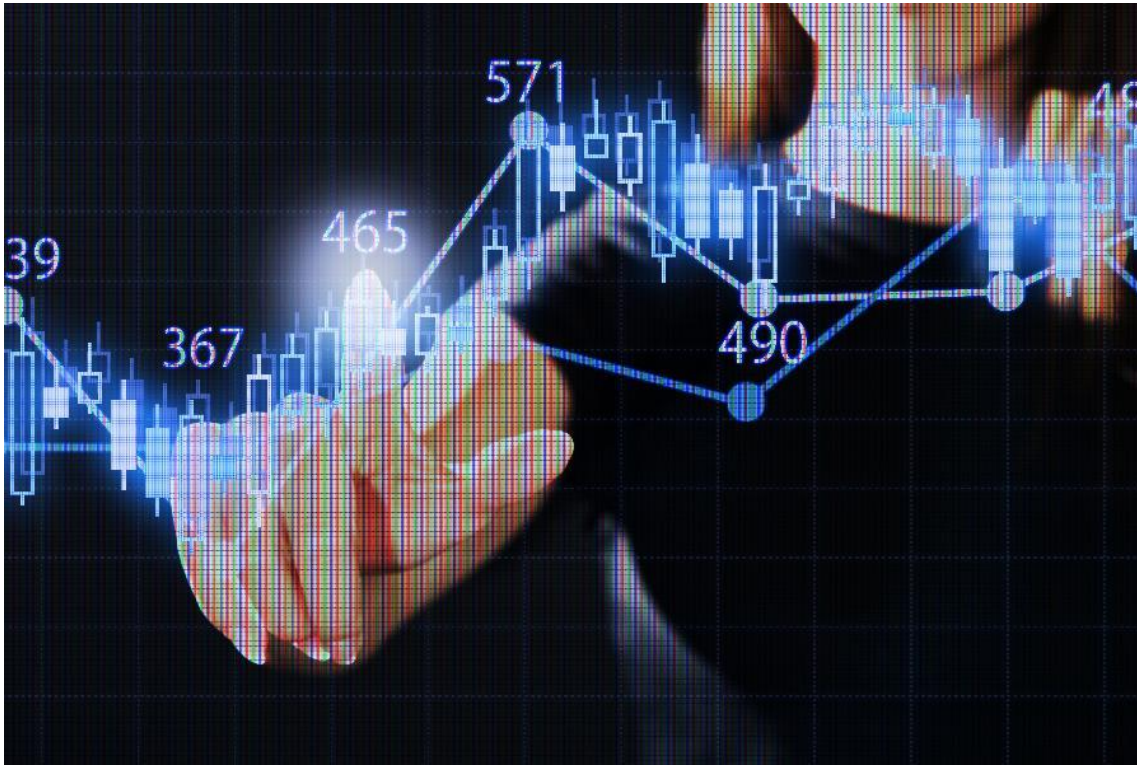
MVS STABILIZATION AND DEVELOPMENT (2015 TO 2019)

- Continued System Optimization

- Atlantic Driver's License

- DE Scheduling App

OUR 5TH BIRTHDAY!!!



- Would Others be Interested?

PSSDC OPPORTUNITY DISCUSSIONS

- DM Meeting in Halifax in May of 2019
 - Interest at the Deputy Level with discussions led by Alan Roy (SNB CEO)
 - Interest at the ADM Level with discussions led by Kim Newman (SNB Exec Director)
- Interest from two Provinces initially

PSSDC SHARING ACTIVITIES

- Delegation Visits – Summer and Fall of 2019
- Nature of Discussions
- Opportunity for Next Steps
- We are not “Microsoft”

POSSIBLE NEXT STEPS

- Exploring opportunity options with (permission)
- Open to discussing other potential interests

NUTS AND BOLTS



Core Infrastructure

The diagram consists of three white circles arranged vertically on the left side of a dark blue rectangular area. Each circle is connected to a horizontal light blue bar on its right. The bars are stacked vertically and overlap slightly. The text 'Core Infrastructure', 'Core Design', and 'Operational Elements and Partners' is written in white on these bars respectively. A thin white line connects the three circles in a vertical path.

Core Design

Operational Elements and Partners

CORE NB MVS INFRASTRUCTURE

- Largely Microsoft Based (.Net, SQL Server)
- Hardware hosted in GNB Datacentres
- Custom Built Application
 - Original development team lead by GNB, augmented with several contract resources
- Maintained by internal GNB staff
 - Technical staff includes developers, Quality Assurance, DBAs, Hardware/Server support, etc
- Business-led governance structure, with input from both Service Centre and Motor Vehicle Program Support

CORE NB MVS DESIGN

- Based on “Service Oriented Architecture” (SOA) with web services, allowing for sustainability based on reusable components
- Originally designed for GNB specifically
 - Re-designing to allow for multiple jurisdictions – ie multi-tenant – would require additional work
- GNB application predominantly “Plate to Vehicle”, although design allows for “Plate to Owner”
- Beyond Core MVS, additional related modules exist –
 - Online Motor Vehicle Renewal functionality (public facing)
 - Autodealer Registration
 - Registration Renewal Reminder

OPERATIONAL ELEMENTS AND PARTNERS/USERS

- Examples of integrated functionality to the system include,
 - eTicketing (RCMP integration to go-live in March of 2020)
 - Atlantic Driver License
 - Commercial Vehicle Enforcement
 - National Safety Code (NSC)
 - Interprovincial Record Exchange (IRE)
 - International Registration Plan (IRP)
- Stakeholder Organizations include
 - Enforcement agencies – RCMP, Municipal Police
 - Canadian Police Information Centre (CPIC)
 - Canadian Council of Motor Transport Administrators (CCMTA)

New Brunswick

Motor Vehicle and Driver System



Search for Client

Select Office

Select a working office from the list below

Office:

MVB Head Office



Ok



New Brunswick

Motor Vehicle and Driver System



Search for Client

Type: ☒ Individual ☐ Organization

Driver Licence:

Go

Client ID:

Go

Client Search Criteria

Family Name:

Given Name(s):

Date of Birth:

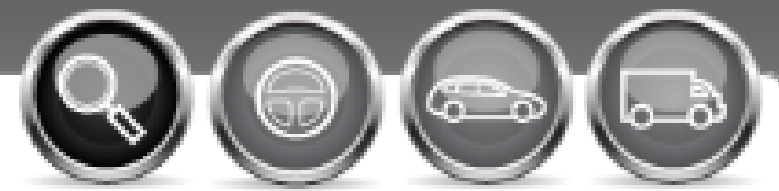


yyyy/mm/dd

☐ Include Historical

Search

Add Client



New Brunswick

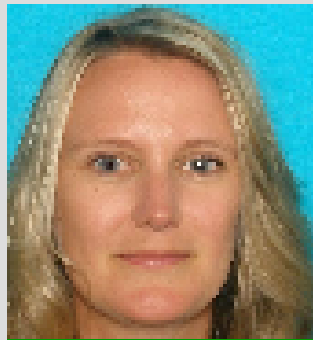
Motor Vehicle and Driver System



View Client Detail

Client ID:

Go



ACTIVE

TESTING, Card Type Five test

Client ID: 1649802

Language: English

Date of Birth: 2004/07/10

Height (cm): 100

Physical Address: 1 bs ST, Fredericton NB E2A6A2

Mailing Address:

Enrollments: Firefighter

Renewal Notice: Yes

Phone:

Sex: Other

Eye Colour: Pink

Merge Client

Edit Client Details

Change Client Status

Refund Client Account

Services

Client History

Relationships

Orders

Notes

Enrollments

Vehicles

Licence Plates

Total Plates Owned: 0

Search for Client

Type: ☒ Individual ☐ Organization

Driver Licence:

Go

Client ID:

Go

Client Search Criteria

Family Name:

Given Name(s):

Date of Birth:



yyyy/mm/dd

☐ Include Historical

Search

Add Client

	Client ID	Name	Address	Date of Birth
	1644105	TESTING, Card Type One Lmn	1-123 Wilmot Apts Bg 2 AVE, Fredericton NB E3B5H1	1968/06/23
	1644107	TESTING, Card Type Nine Ln	561 Third AVE, Fredericton NB E3B6B1	1987/12/25
	1647523	ATEST, Damien Luc JOSEPH	20 McGloin ST, Fredericton NB E3A5T8	2000/10/15
	1647524	HTEST, SHANIA Twinny	427 Norway BLUFF E, Fredericton NB E3B 1B7	1981/09/25
	1640802	TESTING, Card Type Five test	1 bc ST, Fredericton NB E3A6A2	2004/07/10



New Brunswick

Motor Vehicle and Driver System

Vehicle Plate



View Vehicle Detail

Plate:

Go



1999 PONTIA GRANDA

VIN1: 12345678912345678

Colour: Red

Axles: 2

Engine:

Unladen Mass: 1368

Physical Status: Original

Safety Status: Safe

Certificate Issued Date:

Owner: (2452900) TESTING, Web 82 Westmorland ST, Fredericton NB E3B5G4

VIN1 Year: 1999

Body Type: 4 Door

Gross Mass:

Mod. Status: Original

K22 Date:

Location: In Province

Change Vehicle Type

Edit Vehicle Detail

Apply Administrative Hold

Admin Edit Vehicle

Closeout

Services

Condition

Compliance

Fleet

Orders

Vehicle History

Notes

Registrations

Licence Plates

$\$28.7\text{M} + @\$4.0\text{M} = \text{A LARGER NUMBER}$

Why Do This 13 Times?

Imagine the Opportunities when we use one tool

Two Points to Consider...

TIME TO PONDER – OUR FIRST REFLECTION

“When we undertake the need to build something big and complicated and expensive – should we take some time to consider the opportunity to offer it as a National solution?”

TIME TO PONDER – OUR LAST REFLECTION

“And when we do build it – should we talk about sharing it.”

OUR BIG CLOSE

Our system isn't perfect but it's pretty darn good.

If you have questions, please see Kim or I this week.

We can't wait to hear about your new systems!



THANK YOU

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