

AGENDA

TransLink/Province of BC Workshop Smart Cards and Identify Management – Opportunities in Public Transit

December 16, 2011 - 9:30 AM – 12:30 PM

Vancouver: #550 - 925 West Georgia Street "Evergreen Cathedral Cedar Room"

Victoria: 940 Blanshard Street: Boardroom 5A

Attendees:	Cathy McLay, TransLink	Jim Hester, MoTI	Peter Watkins, OCIO
	Doug Kelsey, TransLink	John Coombs, MoTI	
	David Beckley, TransLink	Paul Squires, MoTI	
	Mike Madill, TransLink	Kevin Volk, MoTI	

1. Introductions and purpose of workshop – Kevin Volk
2. Provincial Identity Management Strategy (PowerPoint presentation) – Peter Watkins
3. TransLink Compass Card System – TransLink Staff
 - a. Functional capabilities of system components
 - b. TransLink contractual issues associated to expanding functionality of Smart Card IT/IM technology being used in the Compass card
4. Province's Transformation and Technology Plan and Opportunities for Public Transit – Kevin Volk
5. Discussion:
 - a. Are there any barriers to interoperability between the Compass Card and the BC ID card?
 - b. What are the greatest opportunities for enhanced ID management in the TransLink system? UPass? BC Bus Pass? Handy-Dart?
 - c. Are there opportunities for "single smartcard" trips for people using multiple systems? For example, someone taking TransLink/BC Ferries/BC Transit to get from Vancouver to Victoria?
 - d. What other issues need to be considered? Card ownership? Privacy? Compass Card contractual obligations?
6. Next Steps
 - a. Is there a list of specific initiatives for us to jointly explore?
 - b. Format for next check-in – do we need to meet again?

Smith, Sheila M TRAN:EX

From: Volk, Kevin TRAN:EX
Sent: Wednesday, December 14, 2011 1:50 PM
To: Squires, Paul E TRAN:EX; 'Cathy.McLay@translink.ca'; 'Madill, Mike'; 'Beckley, David'; Hester, Jim TRAN:EX; Coombs, John TRAN:EX; Watkins, Peter CITZ:EX
Cc: Smith, Sheila M TRAN:EX
Subject: Smart Cards and Identify Management - Opportunities in Public Transit

Hi everyone,

A couple of months ago, Cathy McLay and Kirsten Pedersen discussed holding a workshop between TransLink and Provincial staff to explore opportunities for linkages between the current provincial identification card initiatives and TransLink's smart card program. The catalyst for their discussion was the upcoming update of the Province's Gov 2.0 Transformation and Technology Strategy. As part of the Transformation and Technology strategy, each Ministry has been asked to identify opportunities within their area of specialization. In the transportation sector, the emergence of smart cards, identity management strategies, and new ways to interact with customers offer many possibilities.

The purpose of the workshop on Friday is to share information on our respective progress on these types of initiatives, and to discuss whether there are any areas of common opportunity. This workshop has now been scheduled for Friday, December 16 at 9:30 AM. In the spirit of technology, it will be a video conference between staff in Vancouver and those in Victoria.

A draft agenda is attached – please feel free to suggest any changes or additions. We look forward to meeting with you on Friday.



AGENDA -
Province TransLink W

*Kevin Volk, P.Eng.
Senior Manager, Transit Projects
Ministry of Transportation and Infrastructure
Province of British Columbia*

*Tel: 250 387 4851
Mail: PO Box 9850 - Stn Prov Govt - Victoria BC - V8W 9T5
Location: 940 Blanshard Street - Victoria BC - V8W 3E6*

-----Original Appointment-----

From: Evergreen Line Cathedral Cedar Room - Medium TRAN:EX
Sent: Tuesday, December 13, 2011 12:05 PM
To: Evergreen Line Cathedral Cedar Room - Medium TRAN:EX; Smith, Sheila M TRAN:EX; Ho, Wiley TRAN:EX; Squires, Paul E TRAN:EX
Cc: 'Cathy.McLay@translink.ca'; 'Madill, Mike'; 'Beckley, David'; Hester, Jim TRAN:EX; Volk, Kevin TRAN:EX; Coombs, John TRAN:EX; Watkins, Peter CITZ:EX
Subject: Smart Card Technology
When: Friday, December 16, 2011 9:30 AM-12:30 PM (GMT-08:00) Pacific Time (US & Canada).
Where: #550 - 925 West Georgia Street (Medium B/R) "Evergreen Cathedral Cedar"

Jim / Kevin / John – you are videoing in 5A 9:30 to 12:30

When: Friday, December 16, 2011 9:30 AM-12:30 PM (GMT-08:00) Pacific Time (US & Canada).
Where: #550 - 925 West Georgia Street (Medium B/R) "Evergreen Cathedral Cedar"

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

TL attendees:

Cathy McClay
David Medill
David Beckley

IP Address: s22

Subject: Smart Card Technology
Location: #550 - 925 West Georgia Street (Medium B/R) "Evergreen Cathedral Cedar"
Start: Fri 2011-12-16 9:30 AM
End: Fri 2011-12-16 12:30 PM
Recurrence: (none)
Meeting Status: Accepted
Organizer: Evergreen Line Cathedral Cedar Room - Medium TRAN:EX
Required Attendees: Smith, Sheila M TRAN:EX; Ho, Wiley TRAN:EX
Optional Attendees: 'Cathy.McLay@translink.ca'; 'Madill, Mike'; 'Beckley, David'; Hester, Jim TRAN:EX; Volk, Kevin TRAN:EX; Coombs, John TRAN:EX; Watkins, Peter CITZ:EX

Jim / Kevin / John – you are videoing in 5A 9:30 to 12:30

When: Friday, December 16, 2011 9:30 AM-12:30 PM (GMT-08:00) Pacific Time (US & Canada).
Where: #550 - 925 West Georgia Street (Medium B/R) "Evergreen Cathedral Cedar"

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

TL attendees:

Cathy McClay
David Medill
David Beckley

IP Address: S22



**BRITISH
COLUMBIA**

The Best Place on Earth



BC Government Provincial Identity Information Services

- **BC Services Card with contactless smart chip**

**Peter Watkins
Executive Director,
Office of the Chief Information Officer
Government of British Columbia
December 16, 2011**

1



BRITISH
COLUMBIA

The Best Place on Earth

CITIZENS @ THE CENTRE: B.C. GOVERNMENT 2.0

A TRANSFORMATION AND TECHNOLOGY STRATEGY
FOR THE BC PUBLIC SERVICE

GOV 2.0



Where ideas work

Defining Principles

1. We will empower citizens to create value from open government data.
2. We will save citizens' time in their interaction with government and make it easier to access better quality services.
3. We will encourage collaboration in the public service because it is integral to delivering quality service to citizens.



BRITISH
COLUMBIA

The Best Place on Earth

CITIZENS @ THE CENTRE: B.C. GOVERNMENT 2.0

A TRANSFORMATION AND TECHNOLOGY STRATEGY
FOR THE BC PUBLIC SERVICE

GOV 2.0



Where ideas work

Shift 1: Citizen Participation

Inspired in part by the rise of online communities and social media, citizens have an increasing expectation to interact with their government more directly in a dialogue about their communities and their future.

- Open Data



BRITISH
COLUMBIA

The Best Place on Earth

CITIZENS @ THE CENTRE: B.C. GOVERNMENT 2.0

A TRANSFORMATION AND TECHNOLOGY STRATEGY
FOR THE BC PUBLIC SERVICE

GOV 2.0

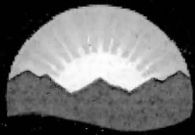


Where ideas work

Shift 2: Self-Service

Citizens expect and deserve a wide range of services and supports from their government.

- Saves citizens and businesses time and money.
- Allows government to redirect resources to the areas of highest need.
- Encourages greater satisfaction and trust in government and the services it delivers.



BRITISH
COLUMBIA

The Best Place on Earth

CITIZENS @ THE CENTRE: B.C. GOVERNMENT 2.0

A TRANSFORMATION AND TECHNOLOGY STRATEGY
FOR THE BC PUBLIC SERVICE

GOV 2.0

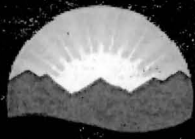


Where ideas work

Shift 3: Business Innovation

If it is to be successful in establishing a more innovative approach to service delivery, the BC Public Service must also become more innovative and efficient in how it operates internally.

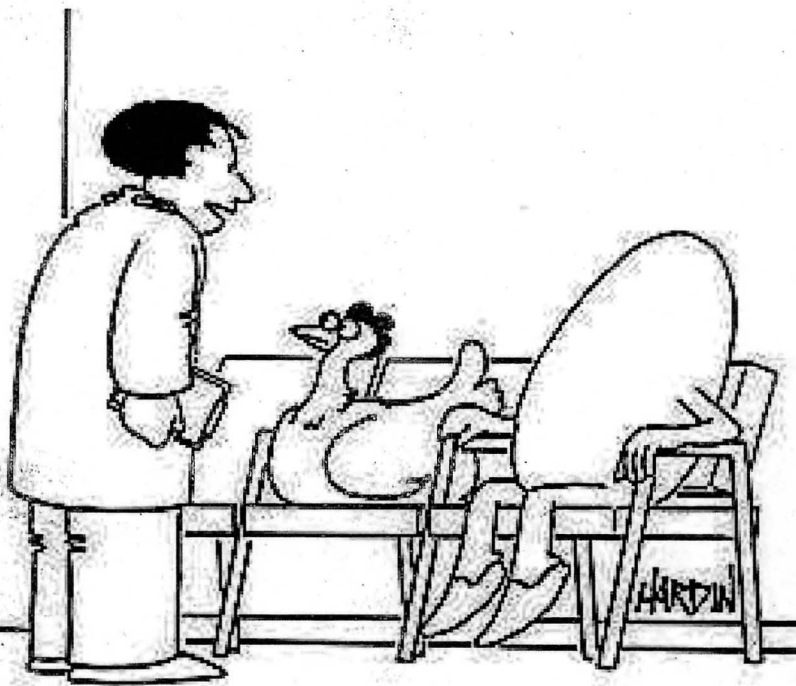
- Leadership for cultural change
- Policy to enable mobility and better use of information and technology
- Flexible work environments
- Modernized systems and technology including use of social media



BRITISH
COLUMBIA

The Best Place on Earth

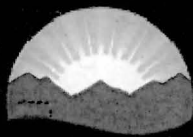
"Who was first?"



In BC the debate is now over!

Identity is the key!

- Just like in the "paper" world
- Government needs to lead
- Investments are necessary
- Alignment and leverage are crucial!



BRITISH
COLUMBIA

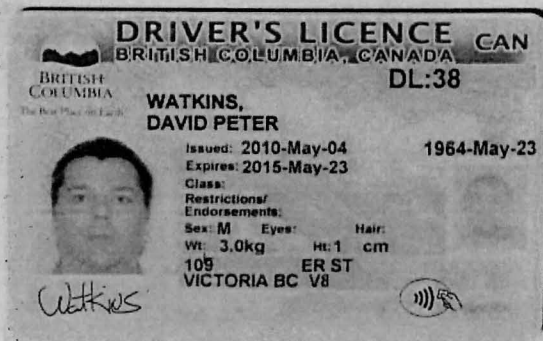
The Best Place on Earth





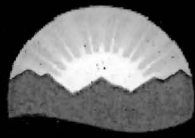
**BRITISH
COLUMBIA**

The Best Place on Earth



BC SERVICES CARD!

TRUSTED IDENTITIES



BRITISH
COLUMBIA

The Best Place on Earth



BRITISH
COLUMBIA

☐ All B.C. Government

☒ Ministry of Health

[Main Index](#) [Help](#) [Contact Us](#)

Search

Go

Text Size

[B.C. Home](#)

[Ministry of Health](#)
[Health Forms](#)

[Address Change](#)
[Forms](#)

→ [Application for](#)
[Enrolment](#)

→ [Application for](#)
[Premium Assistance](#)

→ [MSP Account Change](#)

→ [Baby](#)
[Enrolment/Addition of](#)
[Newborn](#)

→ [CareCard](#)
[Replacement Form](#)

→ [Out-of-Country Claim](#)
[Form](#)

→ [Group](#)
[Applications/Forms](#)

Other Links:

→ [Rural Forms](#)

→ [MSP Home Page](#)

→ [Medical and Health](#)
[Care Practitioner](#)
[Forms](#)

→ [Vital Statistics Agency](#)
[Forms](#)

Resources

→ [News](#)

[B.C. Home](#) » [Ministry of Health](#) » [Health Forms](#) »
[Medical Services Plan \(MSP\) Forms](#) »

[Printer](#)
[Version](#)

Ministry of Health

Address Change

Address Changes or Moves within BC

This form must be submitted by the Account Holder; if submitted by a spouse covered on the account the information will not be processed. Submitting this form will automatically update your account.

It is not necessary to submit separate notices for each family member covered on the same account. This notification will change the address for all individuals covered under the account immediately.

Some fields are (required) to submit this form. Please fill out this form as completely as possible and check your information before submitting.

ACCOUNT INFORMATION of the ACCOUNT HOLDER

Personal Health Number of Account Holder
(not spouse) from **CareCard** (required)

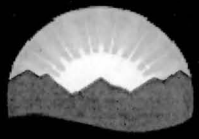
Surname (required)

Area Code (999)

Phone Number (1234567)

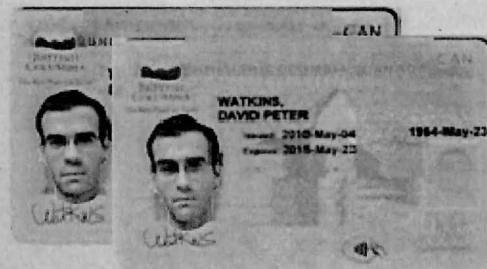
E-mail Address (enables MSP to contact you if an error
in processing request occurs)

How does the
health computer
system know that
the information
typed into this
field belongs to
the person at the
keyboard?



**BRITISH
COLUMBIA**

The Best Place on Earth



**Lab Results
Prescription History**

+

PassCode

First Name: David

Last Name: Watkins

Address: 1st Ave

Personal Health#: 1234 567 890

**Identity information NOT stored in
chip in card.**



**BRITISH
COLUMBIA**

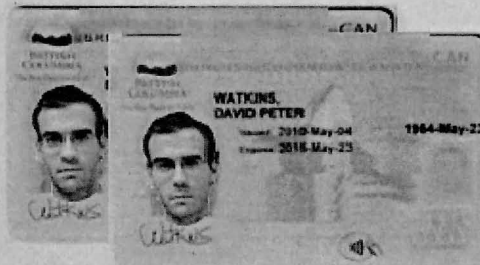
The Best Place on Earth



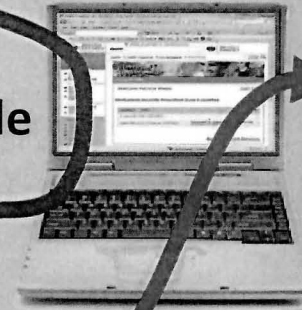
- Name
- Date of birth / age
- Current address



- Medical services plan client



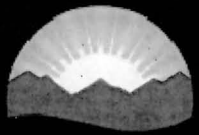
+ PassCode



Lab Results
Prescription History

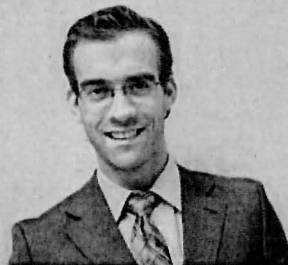
First Name: David
Last Name: Watkins
Address: 1'st Ave
Personal Health#: 1234 567 890

- Service provider asks client for trusted identity information and receives it from the client along with proof of who is backing it.
- Card used as authentication credential for obtaining identity information.
- Result is assurance of who is at the keyboard.

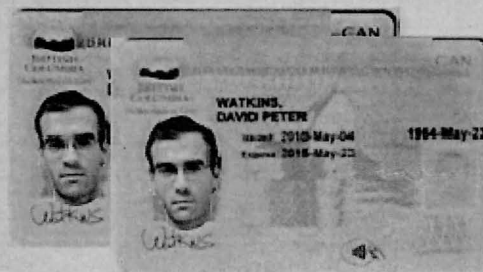


BRITISH
COLUMBIA

The Best Place on Earth



- Name
- Date of birth / age
- Current address



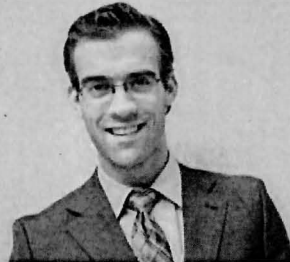
Age: Over 19 = Yes

Enhances Privacy
Enhances In-Person Services



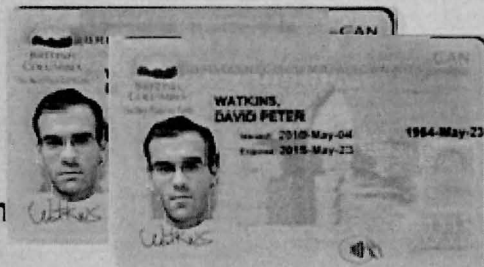
**BRITISH
COLUMBIA**

The Best Place on Earth



**BRITISH
COLUMBIA**
The Best Place on Earth

- Medical services plan client



Personal Health #:
1234 567 890

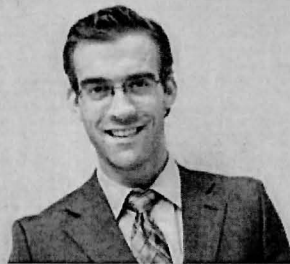


- Assurance that client is eligible.
- Assurance needle is going into correct person's arm.
- Assurance that records looked up and generated are for correct client.



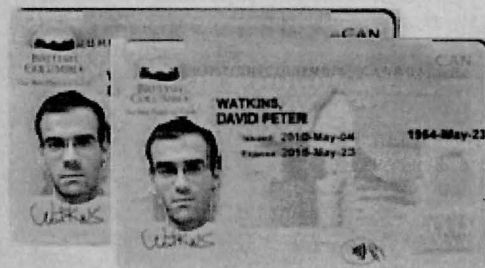
**BRITISH
COLUMBIA**

The Best Place on Earth

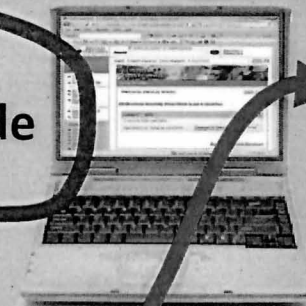


**BRITISH
COLUMBIA**

The Best Place on Earth



+ PassCode



Online Self-Services

Requested Identity
Information

**Blood test in morning
View results in evening**

**Schedule doctor visit online
without phone call or email**

**Change your kids school and
courses online**

**Change your address online
with government & utilities**

Renew your autoplan online

**Online income assistance,
injured worker, courts...**



**BRITISH
COLUMBIA**

The Best Place on Earth

2011 Legislative Session: 4th Session, 39th Parliament

The following electronic version is for informational purposes only.

The printed version remains the official version.

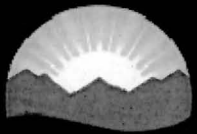
PROGRESS OF BILLS

GOVERNMENT BILLS

(Listing printed for convenience only)

Bill No.	Title	Member	First Reading	Second Reading	Committee	Report	Amended	Third Reading	Royal Assent	S.B.C. Chap. No.
1	An Act to Ensure the Supremacy of Parliament	Hon. S. Bond	<u>Oct. 3</u>							
2	Flathead Watershed Area Conservation Act	Hon. S. Thomson	<u>Oct. 4</u>	<u>Oct. 5</u>	<u>Nov. 2</u>	<u>Nov. 2</u>	<u>Nov. 2</u>	<u>Nov. 2</u>	<u>Nov. 14</u>	<u>20</u>
3	Freedom of Information and Protection of Privacy Amendment Act, 2011	Hon. M. MacDiarmid	<u>Oct. 4</u>	<u>Oct. 19</u>	<u>Oct. 25</u>	<u>Oct. 25</u>		<u>Oct. 25</u>	<u>Nov. 14</u>	<u>17</u>

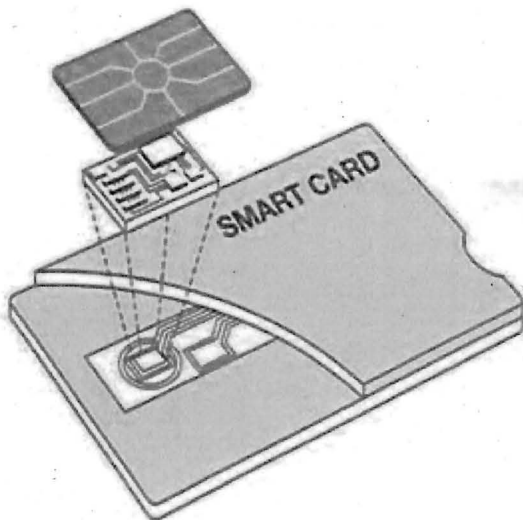
Section 69.2 - Provincial Identity Information Services Provider



BRITISH
COLUMBIA

The Best Place on Earth

Secure Contactless Smart-Chip Card



16



BRITISH
COLUMBIA

The Best Place on Earth

NFCNews

NEAR FIELD COMMUNICATIONS HANDSETS AND TAGS, NFC PILOTS AND PROJECTS

Home News Videos Podcasts Events Library Vendors Archives Sign In Mon

Subscribe

To subscribe for free to our weekly email newsletters and print magazines, enter your email below. Or, find out more »

Enter Email Here

Google buys NFC payments startup Zetawire

Share

Tuesday

Google has acquired mobile payments startup Zetawire in order to improve for NFC in Android phones, according to electronista.com.

Google bought Toronto-based Zetawire back in August, just after the company had secured a U.S. patent for an end-to-end mobile payments platform that

Gemalto bringing NFC payments to phones of any intelligence with MasterCard PayPass SIM

By Tim Stevens posted Mar 29th 2011 3:26PM



Bringing mobile services to billions

We're seeing NFC chips showing up and tickling the innards of more and more mobile devices, but at this rate it's going to be ages before we see some proper market penetration. Gemalto may have just jump-started that process with a new NFC on a SIM card design that's certified by MasterCard PayPass. It's similar to the company's Zuckerberg on a SIM project we heard about last month, but this time it's for a drink and not wirelessly telling your friends how much you just had to drink. This wireless payments could be brought to nearly every GSM phone on the planet, also

You are here: [Home](#) » [Mobile](#) » [PayPal to Throw Weight Behind NFC Technology for Digital Wallet](#)

PayPal to Throw Weight Behind NFC Technology for Digital Wallet

Chuong Nguyen | Jan 04, 2011 | 2 Comments and 30 Reactions

Transit

April 5th, 2011

NFC phones use passengers' tickets



Ticket inspection transport of Minneapolis to read pass

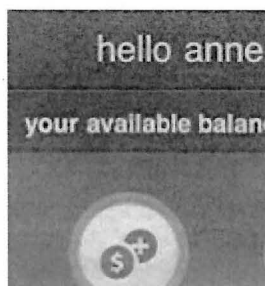
and check they have paid

Amex wants to Serve up money iPhone

by Steven Sande (RSS feed) on Mar 28th 2011 at 6:45PM

The ability to leave your wallet at home and pay -- or get paid -- for everything with your iPhone is a hot ticket for financial service providers, and today it got even hotter.

Amex announced a new payment service called Serve that is available immediately, and while you'll still need a card for paying for items at locations that take American Express



RIM, Bank of America partnering up for Mobile Wall NFC trial

By Chris Ziegler posted Feb 26th 2011 11:31AM



Mobile Wallet trial

Your exclusive invitation to try a new way to pay

Join the trial

You have the opportunity to participate in our **invitation-only Mobile Wallet trial**. This new technology lets you make **convenient and secure purchases** at participating retailers **using only your BlackBerry® device**. Just tap & pay. It's that easy.

All you need to try Mobile Wallet first is:

- A BlackBerry® Curve™ 8520 or 8530; BlackBerry® Tour™ 9630; or BlackBerry® Bold™ 9000, 9650, or 9700 with the ability to download applications*
- An active Bank of America® personal Visa® debit card or MasterCard® credit card (you can add up to four cards)
- Your unique trial code

The trial will start this spring and will continue for a few months. During this time, we want you to use your Mobile Wallet to make purchases as much



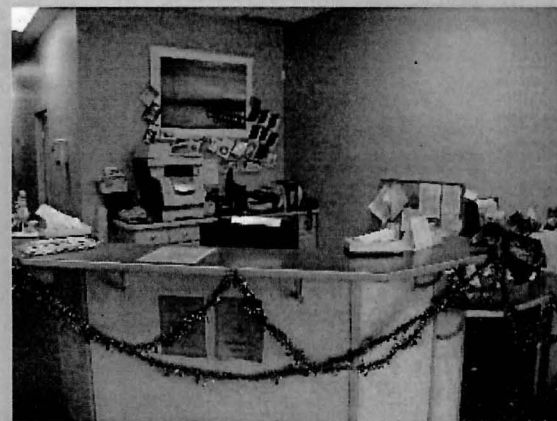
Learn more about this exclusive trial

*In order to determine your BlackBerry® model number, either remove the battery or go to "Options" from your BlackBerry® menu screen and select "About."



BRITISH
COLUMBIA

The Best Place on Earth





BRITISH
COLUMBIA

The Best Place on Earth



Department of Finance
Canada

Ministère des Finances
Canada

Canada



Department of Finance Canada

www.fin.gc.ca

Français

Home

Contact Us

Help

Search

canada.gc.ca

Home > News > Minister of Finance Announces Task Force to Review Payments System - June 2010

About Us

News

News Releases

Notices to Media

Speeches

Email Alerts

Publications &
Reports

Activities & Issues

Budgets

Legislation

Site Map

Completed Access
to Information
Requests

Proactive Disclosure

Vancouver, June 18, 2010
2010-057

MINISTER OF FINANCE ANNOUNCES TASK FORCE TO REVIEW PAYMENTS SYSTEM

Related Document:

- [Biographical notes](#)

—The Honourable Jim Flaherty, Minister of Finance, today announced the launch of the Task Force for the Payments System Review to help guide the evolution of the payments system in Canada.

"Today, Canadians can pay for things in a bewildering number of ways, even by tapping a cell phone against a scanner," said Minister Flaherty. "It is important to ensure the payments system facilitates the introduction of new and exciting technologies to the benefit of users without compromising Canadian safety and efficiency or consumer protection."

The task force fulfills a commitment made in Budget 2010 to review the safety, soundness and efficiency of the payments system; whether there is sufficient innovation in the payments system; the competitive landscape; whether businesses and consumers are being well served by payments system providers; and whether current payments system oversight mechanisms remain appropriate. The task force will be chaired by Pat Meredith, an expert on financial sector strategy with a particular focus on payments issues.

"Technology and the Internet have fundamentally changed the way Canadians access and spend their money," said Ms. Meredith. "The work of the task force will therefore be dynamic and thoughtful, with the broad aim of laying the foundation towards making our payments system a leader and an example for the rest of the world to follow."



BRITISH
COLUMBIA

The Best Place on Earth



Modernizing Payments / Financial Services

- Mobile payments
- Online business to business payments
- Online open account
 - Personal
 - Business



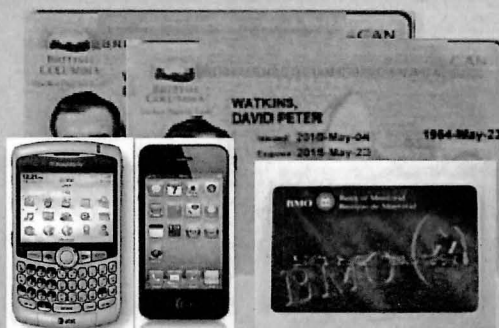
**BRITISH
COLUMBIA**

The Best Place on Earth



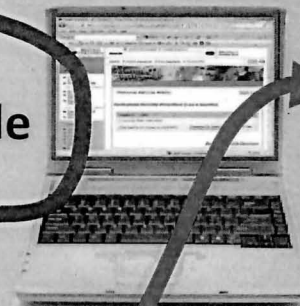
**BRITISH
COLUMBIA**

The Best Place on Earth



Requested Identity
Information

+ PassCode



Online Self-Services

Blood test in morning
View results in evening

Schedule doctor visit online
without phone call or email

Change your kids school and
courses online

Change your address online
with government & utilities

Renew your autoplan online

Online income assistance,
injured worker, courts...



BRITISH
COLUMBIA

The Best Place on Earth



- What could/should a person be able to do with their BC Services Card that involves transit?



BRITISH
COLUMBIA

The Best Place on Earth



Thank You