



First Nations Health Authority  
Health through wellness

# Vancouver Coastal Fall Caucus

**Innovation & Information Management Services / eHealth**  
**October 22<sup>nd</sup>, 2014**  
**Musqueam Nation**



# Discussion Overview - Agenda

1. Innovation and Information Management leadership and functions supporting collaborative partnership with our communities – in the areas of eHealth, Information Technology and Information Management
2. Benefit to Communities:
  - eHealth is a key enabler to “all” health and wellness initiatives
  - IM & IT are key enablers to communities’ ability to further use technologies as a means of improving services



# IIMS Service Overview





# eHealth: Immediate needs and Opportunities





# BC Provincial eHealth Integration



## First Nations Key eHealth Projects – In Summary:

1. iEHR - Interoperable Electronic Health Record
2. Provider Registry
3. Provincial Laboratory Information Solution
4. Pharmanet Modernization
5. Provincial Diagnostic Imaging Viewer
6. **First Nations Identity Management/Client Registry**
7. **First Nations Health Network**
8. **First Nations Panorama Implementation**
9. **First Nations Telehealth Expansion**
10. **Physician EMRs/Community EMRs Standardization and Integration Roadmap**
11. **FNHSO access to the eHealth Viewer**

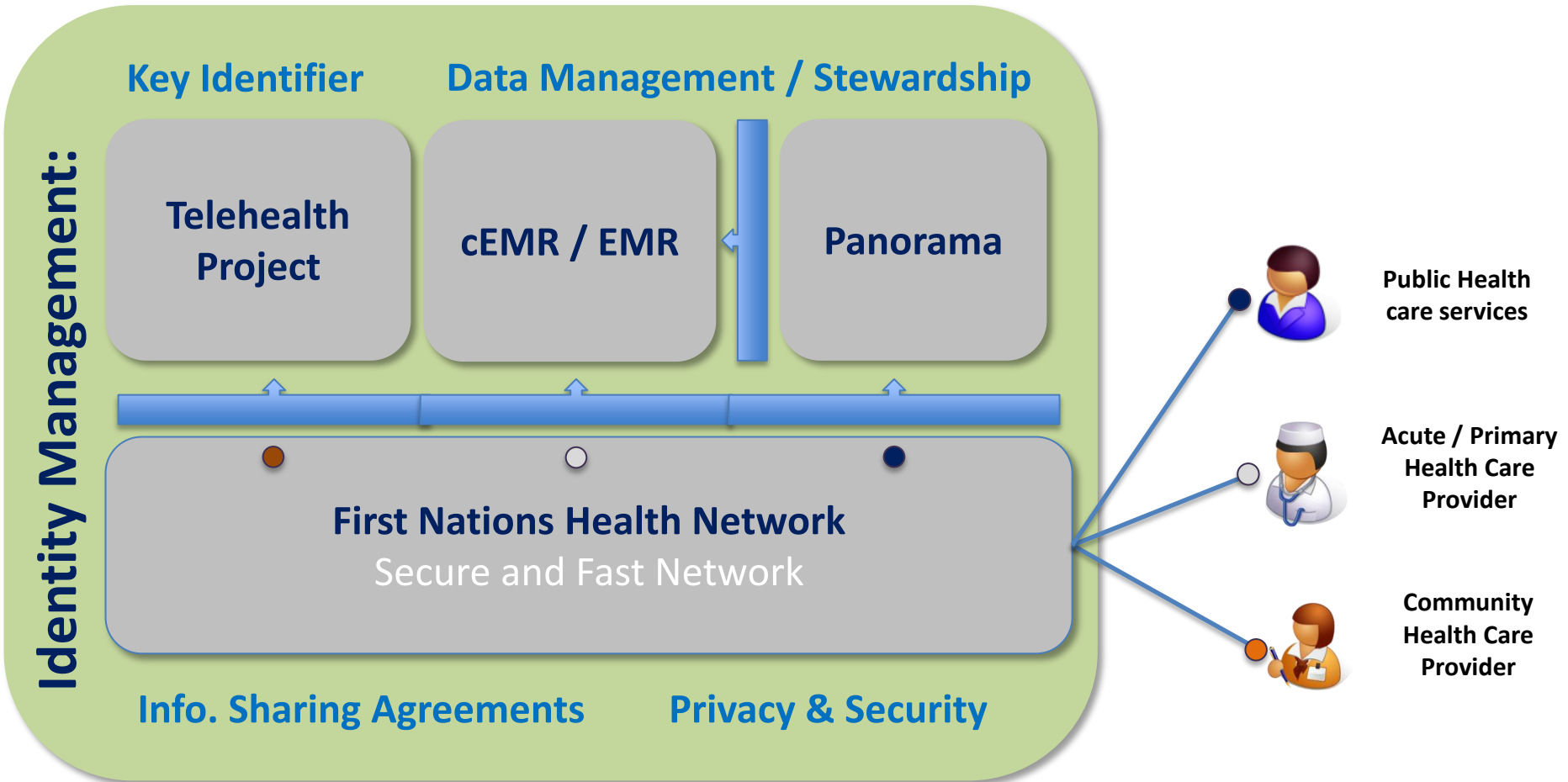


# FNHA's eHealth & IM/IT Strategies - Recapped

1. First Nations Identity Management/Client Registry
2. First Nations Health Network
3. First Nations Panorama
4. First Nations Telehealth Expansion
5. Physician EMRs/Community EMRs Standardization and Integration Roadmap
6. *FNHSO access to the eHealth Viewer – To Be Determined*

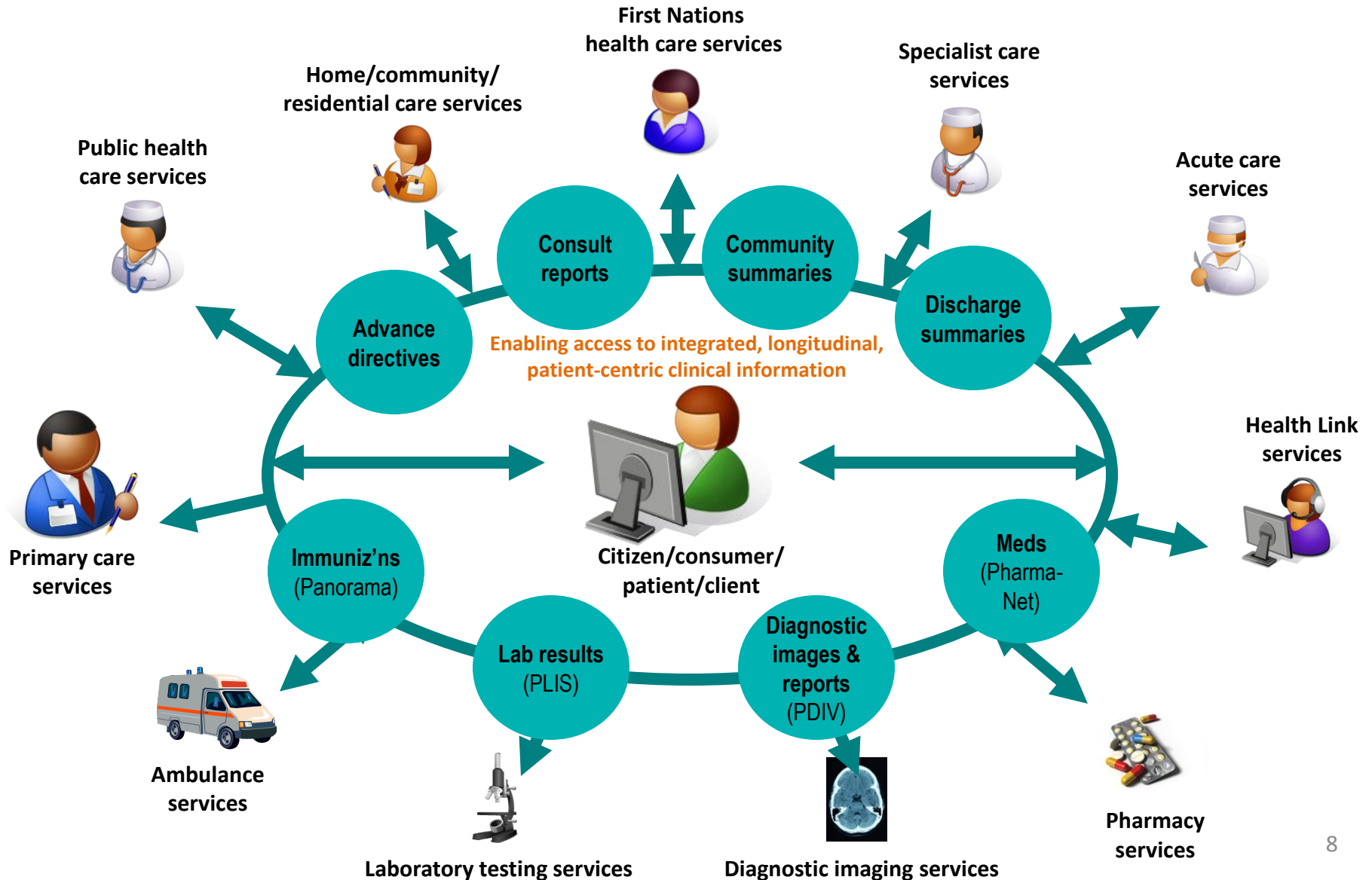


# eHealth: Components and Integration





# Enabling access to integrated, longitudinal, patient-centric clinical information



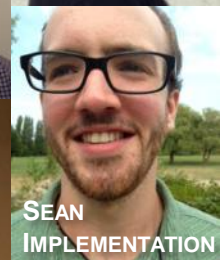
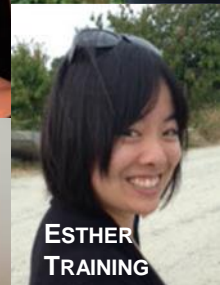
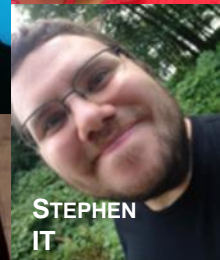
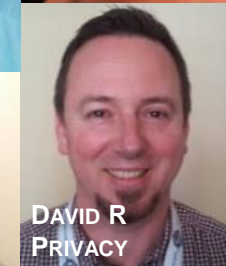
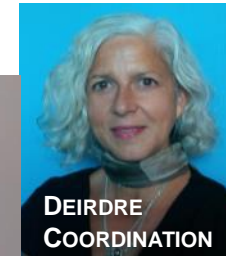
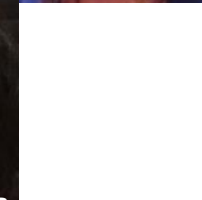
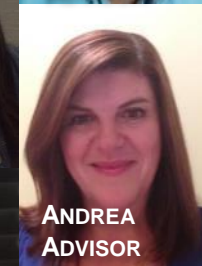
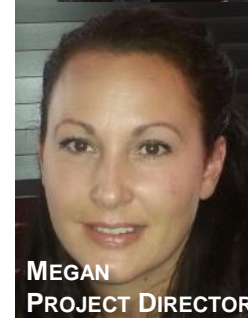




# **Achievements to date – Benefiting Communities**

# Telehealth Expansion: Year in Review

- Team grew from 4 to 13; engaged SMEs
- 39 of 45 readiness assessments completed
- 45 communities indicated readiness
  - 23 prioritized
- Initiated working groups
- Privacy & Security Framework, Evaluation Framework
- Equipment ordered
- COACH conference presentation
- Strategic Planning
- Key partnerships and relationships established
- Database for service streams





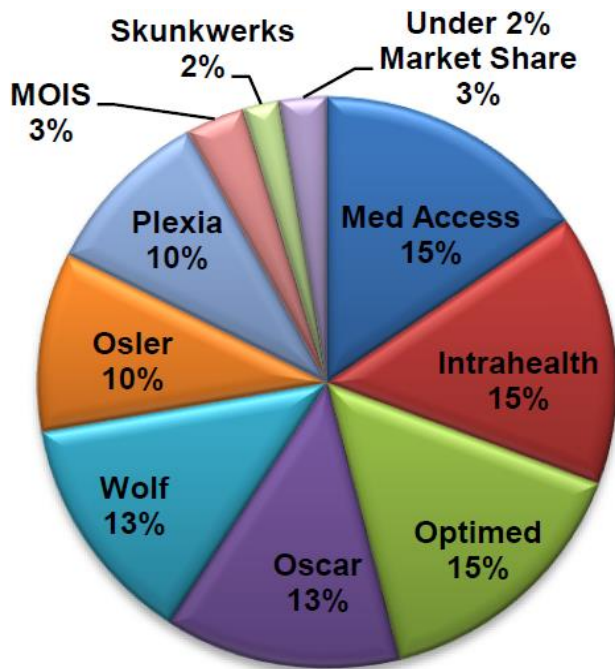
# Panorama Project: Year in Review

- 7 FNHSOs deployed
  - Combined 26 users; providing services to ~38 FN communities with ~18,000 clients
- Active Deployments in Progress
  - 20 FNHSOs with ~40 additional users; providing services to ~35 additional FN communities
- Panorama / Mustimuhw Data Exchange
  - FNHSOs also using Mustimuhw are commencing CLIENT and IMMS “data exchange”
  - 4 FNHSOs are actively exchanging data
  - 4 FNHSOs are in progress to begin exchanging data

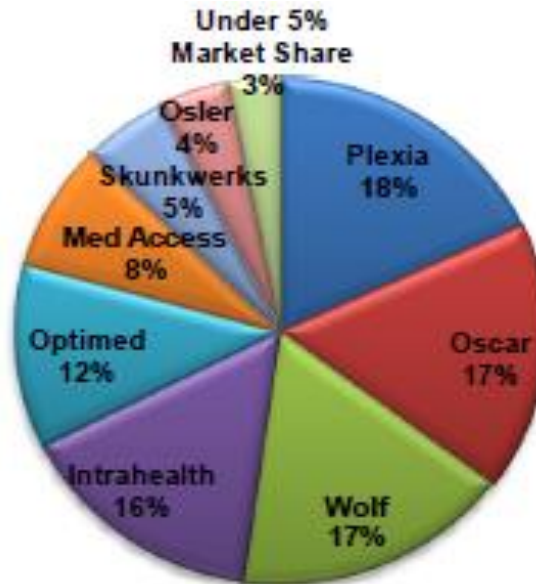


# Provincial and Regional EMR (Acute) Profile

### Provincial



### Vancouver



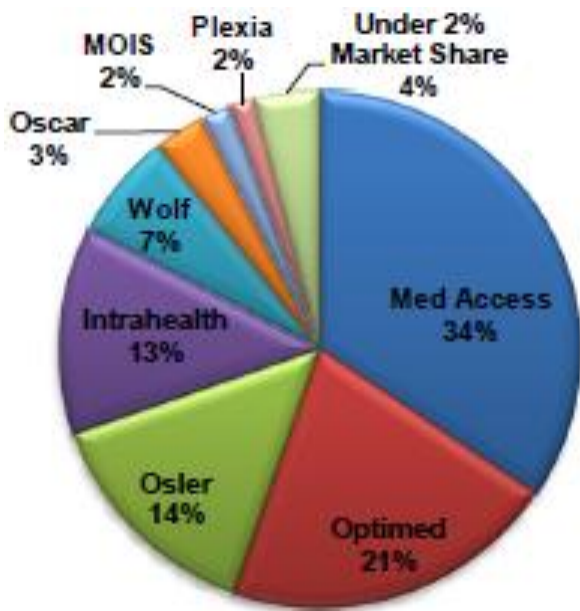
### Island



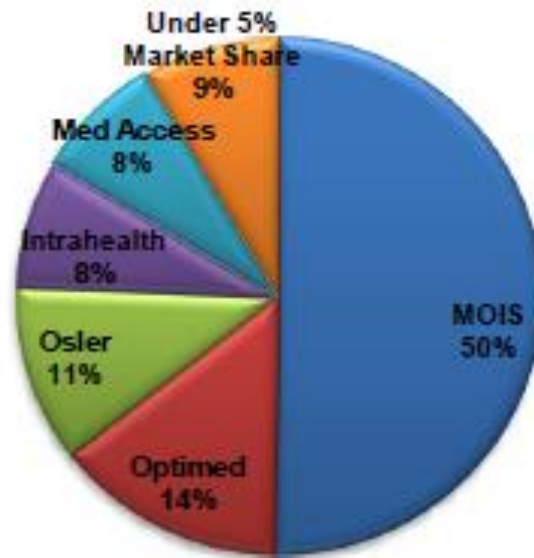


# Provincial and Regional EMR (Acute) Profile

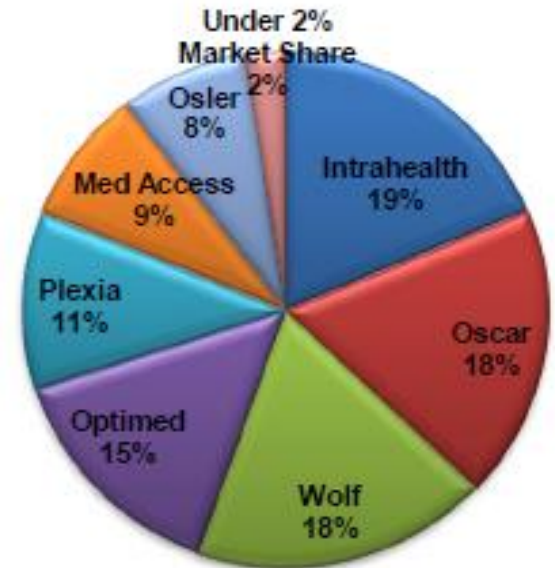
### Interior



### North



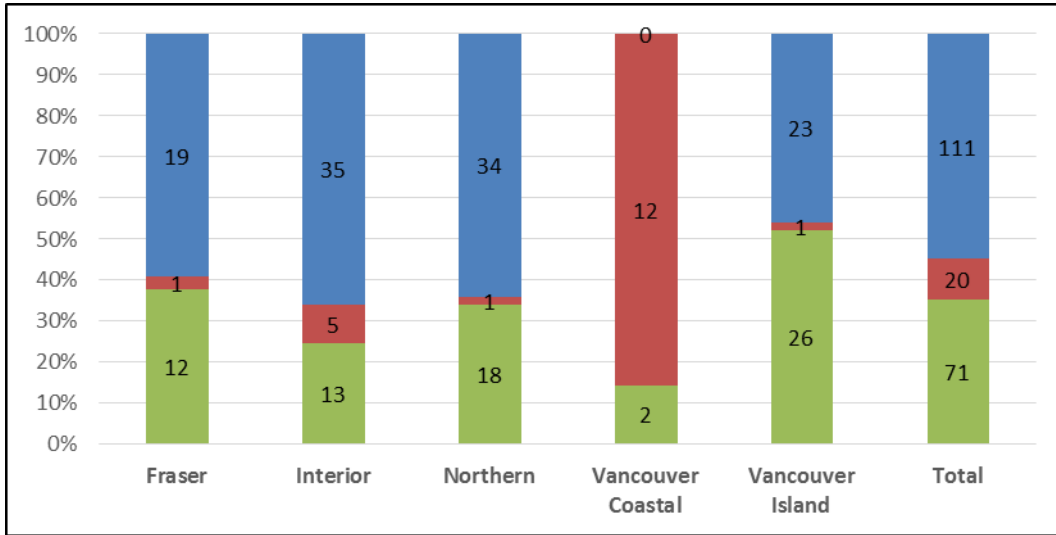
### Fraser







# Mustimuhw Usage Profile & Licensing Model

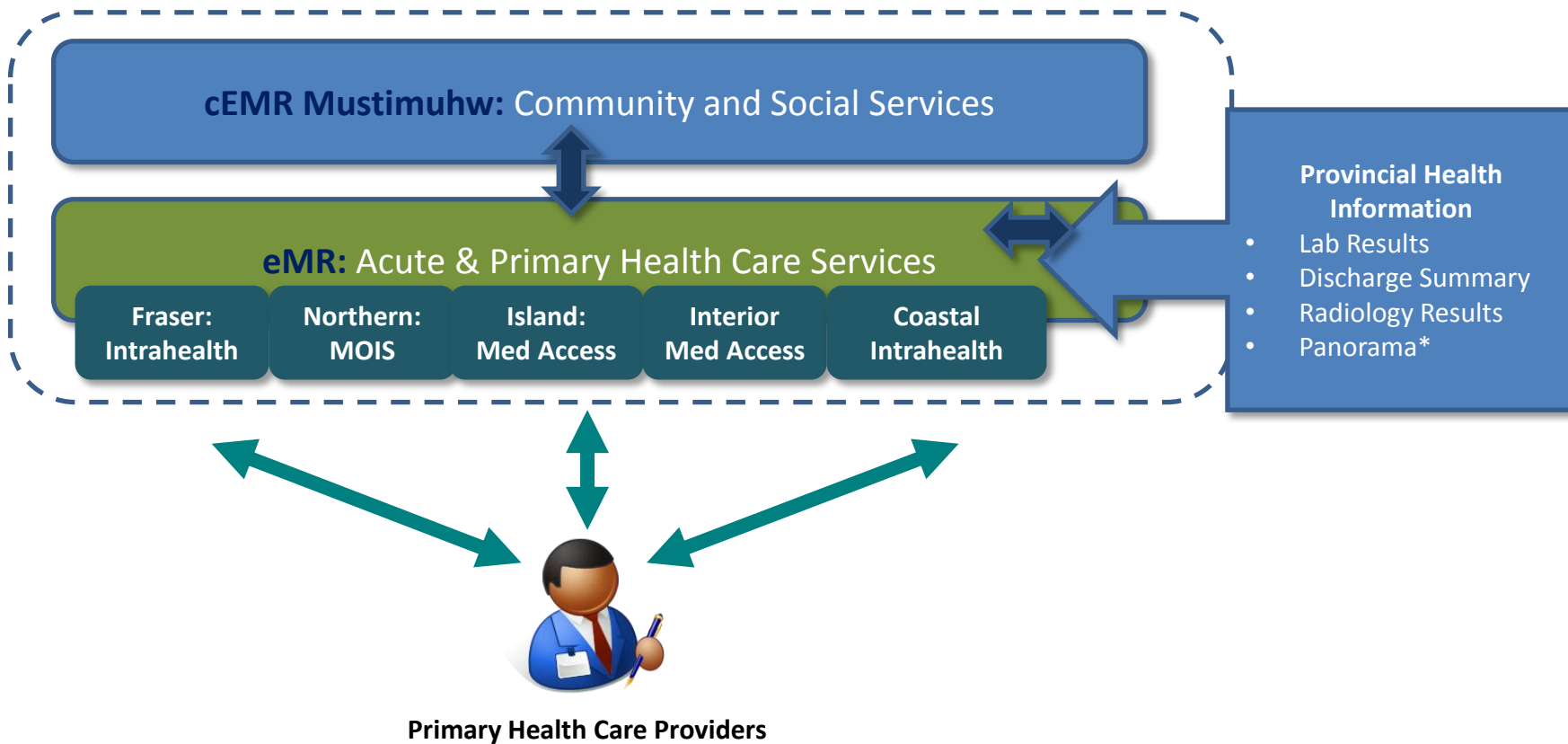


- Start-up Fee: \$5000
- Annual Fee: (users)
  - 1 – 10: \$1800 / user
  - 10 +: \$360 / additional user
- Comprehensive 3 year SLA (w/ training)

Region	Not Using cEMR	Securing Funding for Mustimuhw	Using Mustimuhw	Total
Fraser	19	1	12	32
Interior	35	5	13	53
Northern	34	1	18	53
Vancouver Coastal	0	12	2	14
Vancouver Island	23	1	26	50
Total	111	20	71	202



# Primary Health Care Usage Model

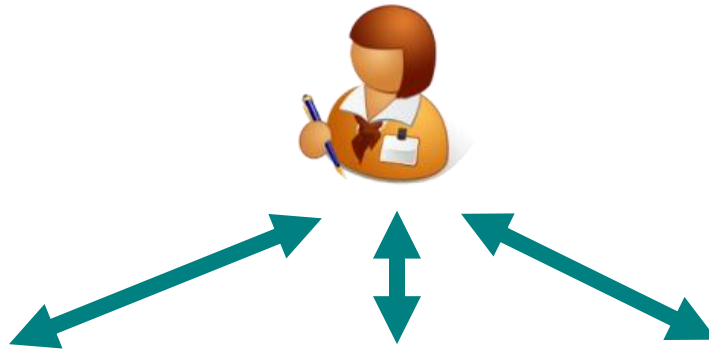






# Community & Social Services Usage Model

FN Community Health / Social Services / Wellness Providers



**cEMR Mustimuhw: Community and Social Services**

**eMR: Acute & Primary Health Care Services**

Fraser:  
Intrahealth

Northern:  
MOIS

Island:  
Med Access

Interior  
Med Access

Coastal  
Intrahealth

**Provincial Health Information**

- Lab Results
- Discharge Summary
- Radiology Results
- Panorama\*

# Acute Health Services Usage Model

In (RHAs) Facility Health Care Providers



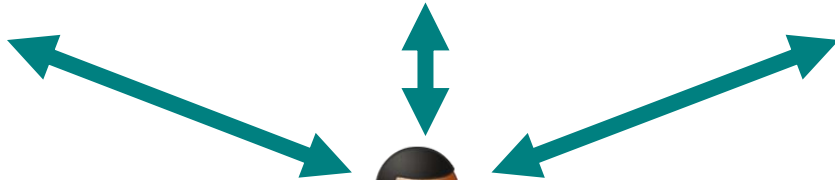
Regional Health Authority Clinical Information Systems  
(Meditech & Cerner)

eMR: Acute & Primary Health Care Services

- Fraser: Intrahealth
- Northern: MOIS
- Island: Med Access
- Interior Med Access
- Coastal Intrahealth

Provincial Health Information

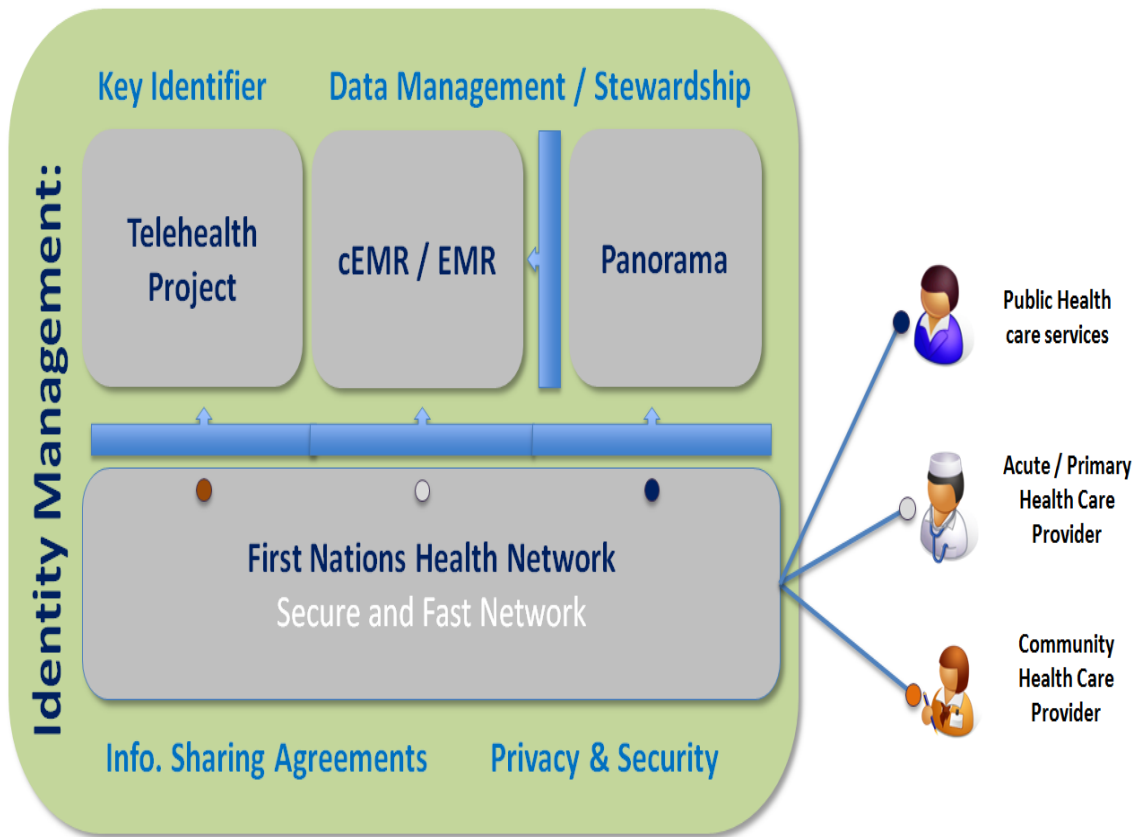
- Lab Results
- Discharge Summary
- Radiology Results
- Panorama\*



Primary Health Care Providers



# Other Key Considerations:



## DO YOU HAVE THIS IN PLACE?

- Day to day support (*beyond Mustimuhw*)
- Hardware and software upgrades
- Knowledge development:
  - cEMR / EMR
  - Workflow
  - Privacy
  - Computer literacy
  - Analytics / reports / Analysis
- Additional resource requirements post initial implementation – go live



## Next Steps – In Summary:

### October - November 2014

- Complete Joint Project Board projects IM / IT / cEMR / EMR requirements analysis (Functions and Financial)
- Complete licensing discussion with Cowichan
- Prepare a detailed budget with the recommended implementation plan(s)
- Implementation planning commence with communities

### November – January 2015

- Meet with PHSA, Vancouver Coastal, Island Health, Interior Health, Northern Health, Fraser Health re: Implementation Roadmap
- Complete Privacy and Information Sharing Agreement flow with RHAs



## Key Caucus Guiding Questions :

1. What is most important to you in developing and deploying EMR/cEMR based on your needs?
  - Are there additional EMR / cEMR considerations?
2. What would you like to see us focus on in the Vancouver Coastal region in eHealth over the next 6 months, 1 year?
3. What should we focus on before Gathering Wisdom VII?



# Questions & Discussion

## Thank you

---

### Our Contact Information

**Joseph Mendez, VP IIMS / CIO**

501-100 Park Royal South  
West Vancouver, BC V7T 1A2

Email: [Joseph.Mendez@fnha.ca](mailto:Joseph.Mendez@fnha.ca)  
Mobile: 778.991.8880

**Jean Allbeury, eHealth Planner**

501-100 Park Royal South  
West Vancouver, BC V7T 1A2

Email: [Jean.Allbeury@fnha.ca](mailto:Jean.Allbeury@fnha.ca)  
Mobile: 778.772.7597

---

An electronic version of this presentation and other materials are available at:

<http://www.fnha.ca/what-we-do/ehealth>

Or

<http://www.fnha.ca/about/news-and-events/events/gathering-wisdom-for-a-shared-journey-vi>