SIMS to Panorama
Data Migration

VERSION HISTORY			
VERSION	**DESCRIPTION**	**AUTHOR**	**DATE**
0.1	Initial draft	Cathy Langen	Dec 15, 2014
1.0	Final Draft	Cathy Langen	Jan 8, 2015
1.5	Updates as per Donna Martin	Cathy Langen	Jan 12, 2015

Table of Contents

Introduction

The tables in this document outline the fields and business rules used to map migrated data from the Saskatchewan Immunization Management System (SIMS) to Panorama. Some of the migrated data has been updated using data from the Saskatchewan Client Index (SCI) and this is explained in the business rules. The data was migrated February 2015.

Client Demographics

Client ID / Number

Demographic Field(s):	SIMS	Client ID and Client ID Type
	Panorama	Client Number and Client Number Type
Mapping Rules:		
In the search screen there is a drop list for Client Number: 1. Client ID – Panorama assigned number 2. Health Card Number – client's health card number 3. Alternate ID – SIMS system assigned number		
Notes:		
The Alternate ID used in the search screen may be changed over time when the SIMS system assigned number is no longer required.		

Date of Birth

Demographic Field(s):	SIMS	Birth Date
	Panorama	Date of Birth
Mapping Rules:		
The date of birth has been migrated from SIMS using the following logic: • The birthdate coming from SIMS may be a partial birthdate. • Partial dates will be filled with 01/01(mm/dd) if just the year is migrated or 01(DD) if the year and month is migrated. • Clients with a birthdate prior to 1900 will not be migrated.		
Notes:		

Client Status Panorama:

Inactive Reason - Deceased

Demographic Field(s):	SCI	Date of Death
	Panorama	Date of Death
Mapping Rules:		

1. If SCI has a date of death and Panorama either has no date of death or a different date of death, then Panorama will be updated with the value from SCI.
2. If SCI has a date of death, then the inactive flag will be checked and the inactive reason field will be "Deceased" and the date of death field populated for the client in Panorama.

Notes:

Inactive and Reason for being Inactive

Demographic Field(s):	SCI	Residency Status
	Panorama	Inactive and Inactive Reason
Mapping Rules:		

1. If a date of death is available in either SCI or Panorama, then the residency status is ignored and none of the rules below for residency status mapping are applied. The inactive flag and inactive reason in Panorama will not be modified.
2. The Panorama client is flagged as inactive if the residency status from SCI has one of the following values:
   - DECEASED
   - INACTIVE
   - INMATE – FED PEN
   - LEFT PROVINCE
   - MAIL RETURN
   - NO COVERAGE AT CONVERSION
   - OUT OF PROVINCE REGISTRANT
   - WHEREABOUTS UNKNOWN
   - INELIGIBLE
   - DELAYED ELIGIBILITY

3. When flagging the Panorama client as inactive, its inactive reason is set to "Deceased" for the following residency status values from SCI:

Demographic Field(s):	SCI	Residency Status
	Panorama	Inactive and Inactive Reason

Mapping Rules:		

- DECEASED

4. When flagging the Panorama client as inactive, its inactive reason is set to "Lost to Follow Up" for the following residency status values from SCI:
   - INACTIVE
   - INMATE – FED PEN
   - MAIL RETURN
   - NO COVERAGE AT CONVERSION
   - WHEREABOUTS UNKNOWN
   - INELIGIBLE
   - DELAYED ELIGIBILITY

5. When flagging the Panorama client as inactive, its inactive reason is set to "Moved Out of Province" for the following residency status values from SCI:
   - LEFT PROVINCE
   - OUT OF PROVINCE REGISTRANT

Notes:

Health Region Information

Demographic Field(s):	SIMS	Region / List of Regions
	Panorama	Health Region Information

Mapping Rules:

The Health Region information has been migrated from SIMS as follows:
- The SIMS Region from the client's record was migrated into the Panorama Health Region field.
- If a client has the First Nations Community of Residence populated on their client's record it was migrated into the Panorama Health Region field.

Notes:

Address and Phone Number data in Panorama:

Address

Demographic Field(s):	SIMS / SCI	Optional / SCI Address
	Panorama	Address
Mapping Rules:		

1. The SCI and SIMS Optional Address will be migrated, the address with the most recent effective date will be set to preferred,
2. SIMS PHRS addresses will not be migrated if a SCI address is available,
3. If neither SCI nor SIMS Optional Address are available, then SIMS PHRS address will be migrated and set to Preferred,
4. If the effective date for the SCI and SIMS Optional Address are the same, the SIMS Optional Address will be set to Preferred.

Notes:

After Go-Live - Address and Phone Number Updates:

SCI will provide updates to the client record in Panorama with:
- Address and Telephone (and Preferred Indicator) where the effective date is greater than the Panorama Address & Phone Effective from Date.

Telephone Number

Demographic Field(s):	SIMS / SCI	Optional / SCI Phone Number
	Panorama	Telephone Number
Mapping Rules:		

1. The SCI and SIMS phone numbers will be migrated, the phone number with the most recent effective date will be set to preferred,
2. The phone numbers may be duplicates, as the migration process is not recognizing where duplicates exist.

Notes:

After Go-Live - Address and Phone Number Updates:
SCI will provide updates to the client record in Panorama with:
- Address and Telephone (and Preferred Indicator) where the effective date is greater than the Panorama Address & Phone Effective from Date.

Consent

Refuses All Immunizations

Demographic Field(s):	SIMS	Refuses All Immunizations
	Panorama	Immunization Consent Directive and Client Warning

Mapping Rules:
The Refuses All Immunizations field in SIMS contains either a Yes or No, if Yes then the value is migrated to Panorama as follows: - A Client Warning similar to - *SIMS Migration Note: Client was refusing all immunizations effective Sep 10 2013.*   - A Consent Directive – *Immunization Services – Confirmed – Refuses For All Antigens From 2013 Sep 10.*   - In some cases there will also be a line in the consent directive that says – *Expired -Refuses For All Antigens From 2012 May 17 to 2013 Sep 10.*
Notes: The refuses all antigens does not affect the forecaster – it is expected that when a client presents their status will be reviewed and if they are no longer refusing immunizations then an end date should be entered on both the Client Warning and the Consent Directive.

Immunization Event Details:

Facility

Immunization Detail:	SIMS	Facility
	Panorama	Comments: Facility
Mapping Rules:		
The facility from the SIMS event will be migrated to the Comments section of the Immunization Event, similar to: Facility: East Regina CHC, Regina SK		
Notes:		

Provider

Immunization Detail:	SIMS	Provider
	Panorama	Provider
Mapping Rules:		
The provider from the SIMS event will be migrated to the Comments section of the detailed Immunization Event, similar to: Prvdr Name: Ms D Black, PHN		
Notes:		

Immunization Date Administered

Immunization Detail:	SIMS	Date
	Panorama	Immunizing Agent Date and Date Administered
Mapping Rules:		
The date from the SIMS event will be migrated to the Immunizing Agent Date and the Date Administered field in the Immunization Detail section of the immunization event in Panorama.		
Notes:		

Vaccine

Immunization Detail:	SIMS	Vaccine
	Panorama	Immunizing Agent
Mapping Rules:		
The vaccine from the SIMS event will be migrated to the Immunizing Agent field and to the Comments field in the Immunization Detail section of the Immunization Event in Panorama. Immunizing Agent from the SIMS event migrated, has been derived from the vaccine / dose mapping table.		
Notes:		

Route

Immunization Detail:	SIMS	Route
	Panorama	Route
Mapping Rules:		
The route from the SIMS event will be migrated to the Route field and to the Comments field in the Immunization Detail section of the Immunization Event in Panorama.		
Notes:		

Dosage

Immunization Detail:	SIMS	Dosage
	Panorama	Dosage
Mapping Rules:		
The dosage from the SIMS event is migrated to the Dosage field and to the Comments field in the Immunization Detail section of the Immunization Event in Panorama. The dosage from the SIMS event that has been migrated is derived from the vaccine / dose mapping table.		
Notes:		

Lot Number

Immunization Detail:	SIMS	Lot Number
	Panorama	Lot Number
Mapping Rules:		
Lot Number from the SIMS event is migrated and viewed in the Immunization Event Comments in Panorama.		
Notes:		

Pop Sub Group / Risk Factor

Immunization Detail:	SIMS	Pop Sub Group
	Panorama	Risk Factor - Health Care Worker
Mapping Rules:		
From the Population Sub Group field in SIMS health care worker is migrated and viewed in the Immunization Event Comments. A Risk Factor for health care worker is also created on data migration.		
Notes:		

Reason Not Immunized

Immunization Detail:	SIMS	Reason Not Immunized
	Panorama	Special Consideration / Precaution/Contraindication/Exemption

Mapping Rules:
For each of the Reasons Not Immunized in SIMS either a client warning and/or a special consideration will be created on migration. All reasons will have a client warning and a special consideration with the exception of Consent Form Not Returned and Other, which will only have a client warning. **Notes:** If Notes are associated with Consent Form Not Returned and /or Other they will be included in the client warning text. If notes are associated to the reasons that have a special consideration the notes will be added to the comments section of the Special Consideration screen.

Notes:

SIMS data	Special Consideration	Panorama Display Values
SIMS description	Special Consideration Type	Special Consideration Reason
Allergy to Latex	PRECAUTION	Allergy to a Vaccine Component
Allergy to Previous Vaccine	CONTRAINDICATION	Previous Anaphylactic Reaction to Vaccine/Antigens
Allergy to Vaccine Components	CONTRAINDICATION	Previous Anaphylactic Reaction to a Vaccine Component
History of Anaphylaxis	CONTRAINDICATION	Anaphylaxis-Non Specific
Medical Contraindication	CONTRAINDICATION	Medical contraindication
History of Disease	PRECAUTION	History of Disease
Philosophical Objection	EXEMPTION	Refusal
Consent Form Not Returned		
None		
Other		

Adverse Reactions Following Immunization

Immunization Detail:	SIMS	Adverse Reactions
	Panorama	Client Warning - AEFI
Mapping Rules:		
A client warning is created for each Adverse Event Following Immunization (AEFI) with the dates of the event. The comments of the related immunization event will have indicated that a reaction was reported. If there are related notes these will be found in the Comments section of the Immunization Event.		
Notes:		

Notes

Immunization Detail:	SIMS	Notes
	Panorama	Client Warning / Immunization Event / Special Considerations
Mapping Rules:		
The Notes from the immunization events in SIMS will be migrated as follows: **Immunization Event** - A client warning is created for each immunization event that has a Note, and that note appears on the Immunization Details screen of the event. **Non Immunization Event** – when a Note is entered in SIMS but does not have a related immunization event a client warning is created and the Note is added to the text of the client warning. **Reason Not Immunized** - If there are Notes associated with Consent Form Not Returned and / or Other they will be included in the client warning text. If there are notes associated to the reasons that have a special consideration the notes will be added to the Comments section of the Special Consideration screen. **AEFI** - If there are related notes these will be found in the Comments section of the immunization event.		
Notes:		

Test and Titres

Test and Titres

Immunization Detail:	SIMS	Test and Titres
	Panorama	Immunization History Interpretation
Mapping Rules:		
For each test/titre an event will be created as an Immunization History Interpretation record. A client warning will be created on migration.		
Notes:		

Test Admin Date

Immunization Detail:	SIMS	Test Admin Date
	Panorama	Interpretation Date
Mapping Rules:		
For tests other than TB this is the interpretation date unless it is blank, then the Result Rec Date will be used.		
Notes:		

Result Rec Date

Immunization Detail:	SIMS	Result Rec Date
	Panorama	Interpretation Date
Mapping Rules:		
For TB this is the interpretation date unless it is blank, then the Test Admin Date will be used.		
Notes:		

Provider

Immunization Detail:	SIMS	Provider
	Panorama	Immunization History Interpretation Comments
Mapping Rules:		
The provider will appear in the Comments field.		
Notes:		

Result

Immunization Detail:	SIMS	Result
	Panorama	Immunization History Interpretation Comments

Mapping Rules:

The SIMS test type and result text have been reviewed by the clinical interpretation committee and their interpretation is migrated. Depending on the interpretation and the disease, a special consideration may be raised. A client warning is not created for the special consideration since there is already one for the IMMS History Interpretation. If the Interpretation has one of the following Interpretation Code Descriptions with the related Special Consideration Type Code then a Special Consideration will be created.

MOH Interpretation Description	Panorama Interpretation Code Descriptions	Panorama Special Consideration Type Code	Panorama Special Consideration Reason
DISEASE HISTORY	Disease History	PRECAUTION	Disease History
DOB	DOB		
IMMUNE	Immune	PRECAUTION	Immune
INDETERMINATE	Indeterminate		
NON-IMMUNE	Non-Immune		
See Note in Comments	See Note in Comments		
UNKNOWN	Unknown		
VACCINE NOT INDICATED	Vaccine Not Required	PRECAUTION	Vaccine Not Indicated

Notes:

SIMS Data Not Migrated

The following data has not been migrated to Panorama.

Guardian

Guardian:	**SIMS**	**Guardian Relationship** **Guardian First Name** **Guardian Last Name**
	Panorama	**Not Migrated**
Mapping Rules:		
The Guardian information in SIMS has not been migrated to Panorama.		
Notes:		

Aliases

Aliases:	**SIMS**	**Alias First Name** **Alias Last Name**
	Panorama	**Not Migrated**
Mapping Rules:		
The Alias information in SIMS has not been migrated to Panorama.		
Notes:		

Hard Copy

Hard Copy:	**SIMS**	**Location**
	Panorama	**Not Migrated**
Mapping Rules:		
The Hard Copy Location information in SIMS has not been migrated to Panorama.		
Notes:		

Next Visit

Next Visit:	**SIMS**	**Date** **For** **Comments**
	Panorama	**Not Migrated**
Mapping Rules:		
The Next Visit information in SIMS has not been migrated to Panorama.		
Notes:		
The next visit will be identified by the forecast status.		

Client – Known By

Client:	**SIMS**	**Client Known By**
	Panorama	**Not Migrated**
Mapping Rules:		
The Client Known By information in SIMS has not been migrated to Panorama. SCI will update with Alias name when available.		
Notes:		