



Statistics Canada  
www.statcan.gc.ca

# *Survey Master Control System (SMCS)*

*Presentation to FedCASIC*

*March 17, 2009*

Annie Côté Steski  
Assistant Director  
SMCS Project Manager  
CSID  
[annie.cote-steski@statcan.gc.ca](mailto:annie.cote-steski@statcan.gc.ca)

# Outline



- Background
- SMCS functionality
- SMCS Architecture
- Screen Shots (Draft)
- Looking ahead

# Background



- Collection environments
  - CATI, CAPI, E-Questionnaire, Paper
- Current systems and modes are stove-piped
- Cannot exchange information easily
- Difficult to move cases between modes and/or sites
- No single view of all modes of collection

# Why do we need a SMCS?



Collection Managers and Survey Managers want:

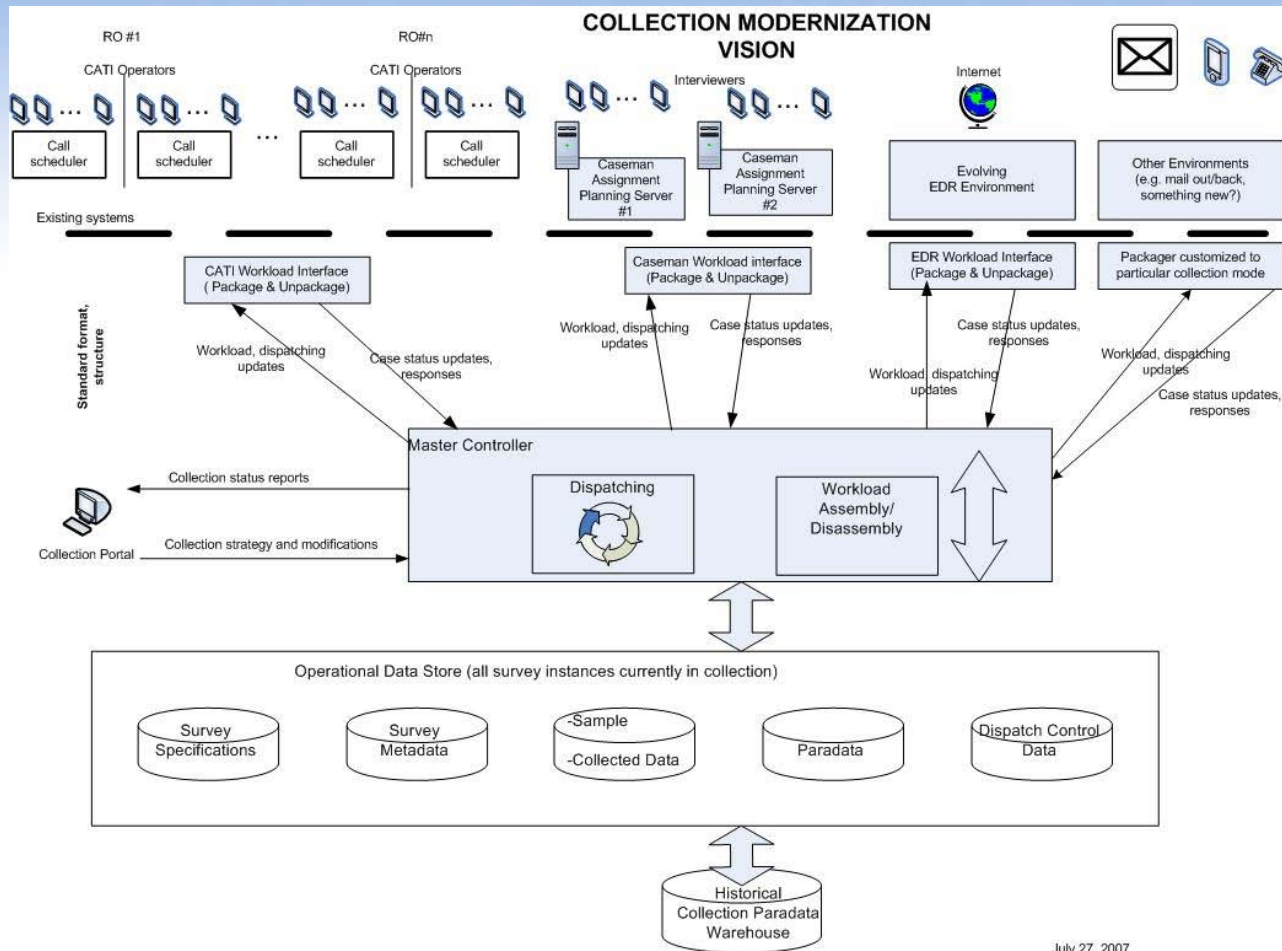
- to move cases between modes and sites rapidly for better management of non-response
- better business resumption capabilities in the event of an emergency
- to offer respondents more flexibility in responding (new modes such as e-questionnaire)
- to have better tools to actively manage collection

# What will SMCS do for clients



- Multi-mode and multi-site capability
- Standardization (reports, processes)
- Single sample file; single response data file
- Validation of sample file
- Notification of errors, changes
- Business rules/parameters defined and automated
- Audit record of actions taken
- Up-to-date information

# Collection Modernization Vision



July 27, 2007

# SMCS Phase 1



- Social and Agricultural surveys
- CATI and CAPI modes
- Identified 3 early adopters (Client/Surveys)
- Currently in development phase
- Delivery August 2009
- Pilot September 2009

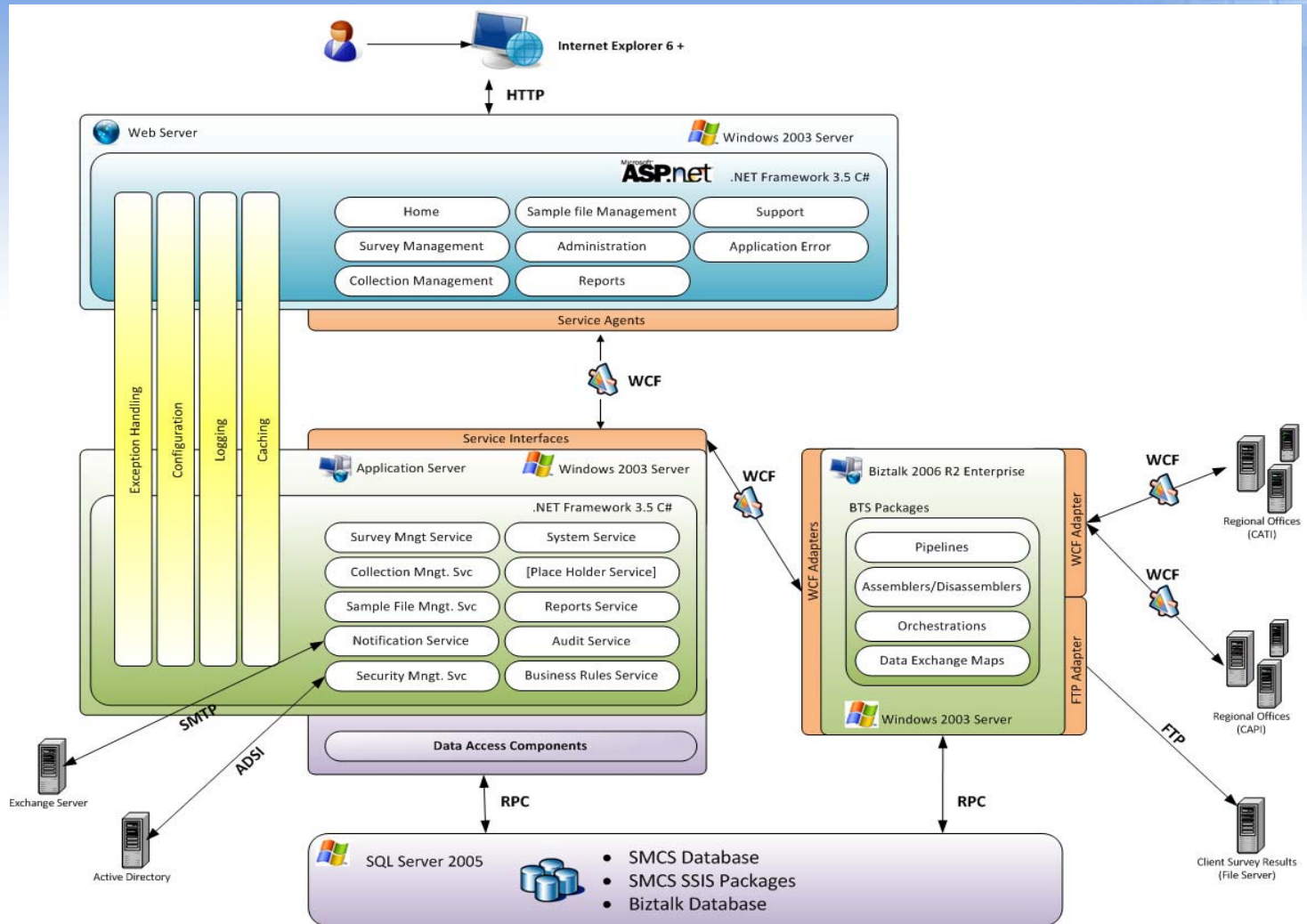
# SMCS Architecture Summary



- Service Oriented Architecture (SOA)
- Microsoft .Net 3.5
- SQL Server 2005
- Biztalk for messaging and orchestration
  
- Architecture easily scalable and adaptable



# SMCS Architecture



**SMCS** Statistics Canada

SMCS | Home français

**Main Menu**

- Survey Management
- Sample File Management
- Collection Management
- Administration
- Reports

**Support**

- SMCS Support

## Default View

You can delete this page. To add new pages to your solution, right-click the Web site, point to **Web Client Factory**, and then click **Add Page (with presenter)**.

**Canada**  
Version

## Maintain Survey Definition

\* Survey Code:

\* Survey Type:

\* Survey Sub Type:

\* English Acronym:  \* English Description:

\* French Acronym:  \* French Description:

\* Responsibility Team:

**Frequency of Case Release to Client**

Once per Day

Twice per Day

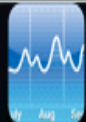
Three times per Day

**Release Location**

\* Server:

\* Path:

**\* Required Field**



SMCS



Statistics Canada

français

Main Menu

Survey Management

- Manage Surveys
- Manage Survey Cycles
- Manage Survey Parameters
- Maintain Location Mode Managers
- Maintain Production Plan
- Maintain Dispatch Rules

Sample File Management

- Upload Data Dictionary
- Load Sample File
- Validate Sample File
- Unload Sample File

### Load Sample File

\* Survey:

\* Cycle:

\* # of Cases:

\* Select File(s):

\* Required Field

**Main Menu**
**Survey Management**

- Manage Surveys
- Manage Survey Cycles
- Manage Survey Parameters
- Maintain Location Mode Managers
- Maintain Production Plan
- Maintain Dispatch Rules

**Sample File Management**

- Upload Data Dictionary
- Load Sample File
- Validate Sample File
- Unload Sample File
- Approve Sample File

**Collection Management**

- View Cases
- Approve Dummy Cases
- Disable Cases from File


**View Cases**

 \* Survey: 

 \* Cycle: 

## Survey Information

## Contact Information

## Status &amp; Key Variables

## Results

 Sample Id: 

 SMCS Status: 

 Current Mode: 

 Language: 

 Current Site: 

 Case Province: 

 Previous Site: 

 Priority: 

 # Units of Interest:  

 Select All

Total Cases Found:

# Cases Selected:

# Looking Ahead



- Pilot – Fall 2009
- Migration of other Social Surveys
- Addition of E-questionnaire mode to SMCS
- Paradata Warehouse & Front-end Dashboard
- Migration of Business Surveys
- Integration with CENSUS
- Addition of Paper mode to SMCS