

Statistics Netherlands: Blaise 5 CAWI channel

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Aim of CAWI channel within Phoenix

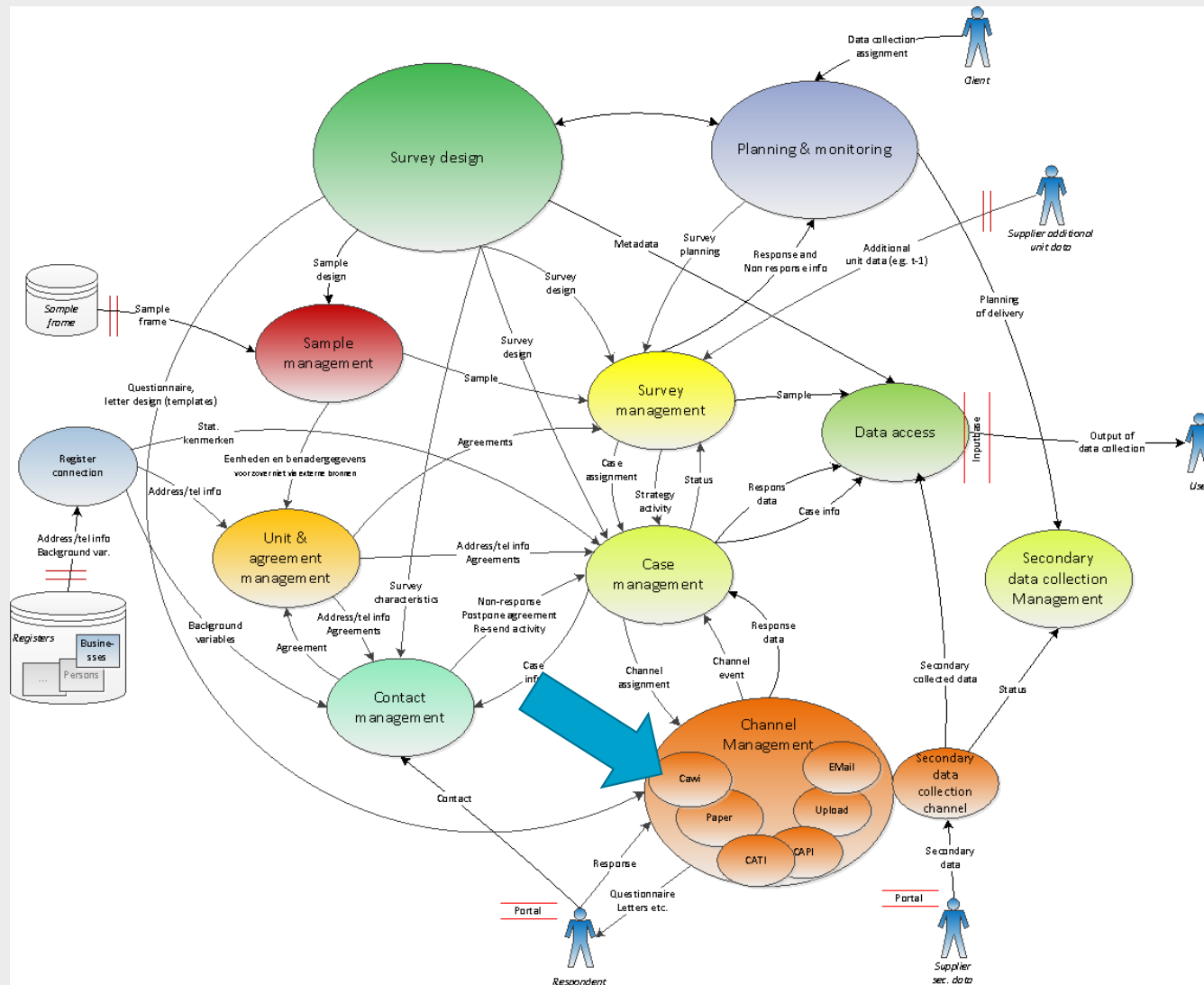
- Legacy systems: EOL
- New CAWI channel:
 - Fully web based
 - Storage in database (SQL)
 - Generic for all types of surveys (social and economical)
 - Message based communications with other domains
 - Blaise 5 questionnaires



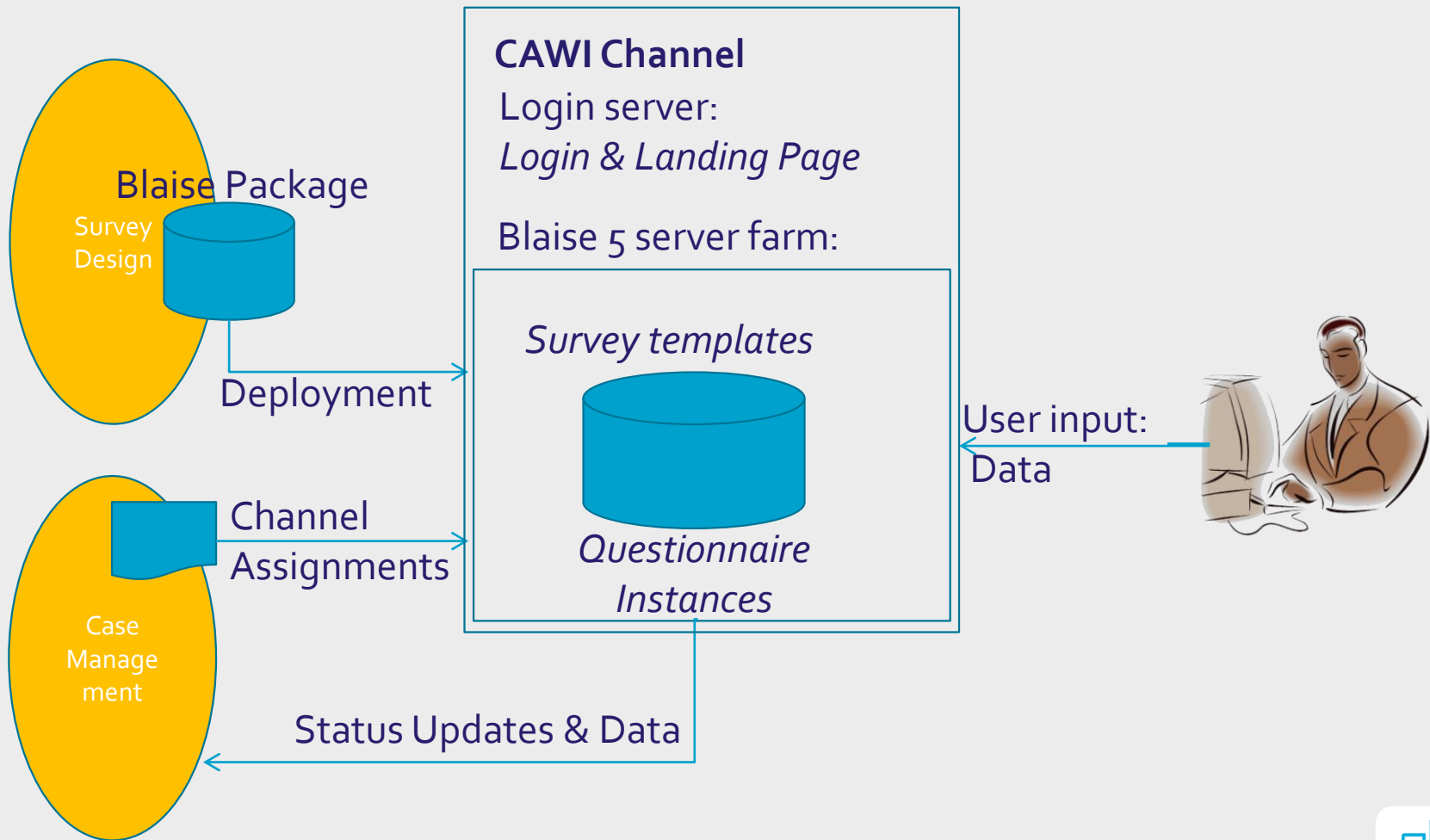
Timeline Blaise 5 / Phoenix at CBS

- PS-online 2014/15
 - 80.000 respondents
 - Generated Blaise 5 surveys (12 survey templates, 250 routings)
- Phoenix past: 1st stage completed august 2016
- Phoenix present:
 - 30 of 125 surveys migrated to Blaise 5 surveys
 - 600K+ records per year, response rate around 20 - 40% (social surveys)
 - Only 4 surveys need CAWI functionality which is not yet fully developed
- Phoenix future:
 - Base for other modes
 - Telephone
 - Face to face
 - Paper input (diminishing)
 - Easier way to generate surveys
 - Completion target: 2020

Functional overview of Phoenix



Functional overview CAWI channel



Newly incorporated Blaise features

- Events: used to pass on response
- Changing questionnaire template in production (demo)

Challenges

- Backwards compatibility web layout after upgrade
- Load testing on virtual machines
- Performance pageturns in Microsoft browsers



Evaluation

- Receiving of questionnaire instances (channel assignments) event driven: ✓
- Distributing response event driven: ✓
- Deployment of survey templates based on interface from survey design domain: ✓
- Performance on CBS infrastructure: ✗
(Browser dependant!!)
- Stability: ✓
- Backwards compatibility: ✓

Questions?

Thank you for your attention!

