



Integration methods between PhaseForward Inform and RDC

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Remote Data Capture

Session 1



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Assumptions

- Audience has a working knowledge of current OC/RDC 4.6 internals/architecture.



Problem Statement: Using InForm and Converting to RDC

- In light of the recent acquisition of PhaseForward by Oracle in May 2010, many enterprise EDC customers might be looking for ways to integrate or migrate their PhaseForward InForm data with OC/RDC.
- Some customers have migrated from InForm to OC/RDC in the past.
- Many customers have migrated from ClinTrial to Oracle Clinical.



Architectural differences of InForm vs. RDC

- InForm is based on separate schemas, or instances, for studies.
- Design of studies uses an extension of the UI for the actual deployment of the study.
- Validation rules are tied to table structures.



Can Study Designs be mapped from InForm to RDC

- No equivalent mapping for DCMs. Study Designs are more easily migrated in a single DCI to DCM model in OC, where the Question Group has an equivalent mapping in InForm.



Migration of data from InForm to OC/RDC: Fundamental challenges (1)

- No concept of Field level Source Document Verification. This can present challenges if long running study is converted mid-stream from InForm to RDC
 - Consider ALL fields passing SDV to be equivalent to Verification of a single page in RDC
- Blankness of sections of pages handled differently
- SubEvents are handled differently



Migration of data from InForm to OC/RDC: Fundamental challenges (2)

- Mostly manual methods of rebuilding study design based on logical rules from InForm Design
 - Some customized tools are possible which can read Question and Question Group information from InForm, but more than this is generally not worth the effort required.



Migration of data from InForm to OC/RDC: Approaches

- Use SQL based methods to read schema based study data and perform mapping to the actual BDL required format for loading in OC
- Use SAS based methods to read schema based study data and perform mapping to the actual BDL required format for loading in OC

Possible AIA strategies to integrate InForm and OC/RDC?

- AIA can be used since PIPs exist for OC already, and PIPs for InForm can be easily designed also
- Link to an AIA model/PIP Model



Possible SOA strategies to integrate InForm and RDC?

- InForm is most likely capable of making real time SOA calls during data entry and validation checking.
- SOA platform is possible in the existing RDC Infrastructure. DCAPI already has an exposed DLL which is used during RDC data entry.
- Possible to received direct URL calls if a SOA interface is put on the DCAPI functionality already exposed. InForm existing studies could be modified to make the appropriate SOA call.



Biographies

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 - Sunil is a Global Oracle Health Sciences deployment expert for DBMS Consulting. He has been an active member of the OHSUG community since 1996 and is extremely grateful for this opportunity to make these presentations at OHSUG 2010.

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