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Introduction

At Organon a data warehouse project has been initiated with the primary aims to allow study data exploration across compounds, to link clinical, pre-clinical and research data, and make drug development data more easily and widely available within the company.

Objectives

The objective of the current phase of the project was to prepare the implementation of a data warehouse. This encompassed:

- A pilot to get real-life experience.
- The review and selection of ETL solutions and front-end tools.
- Creating awareness and obtaining support within the company.

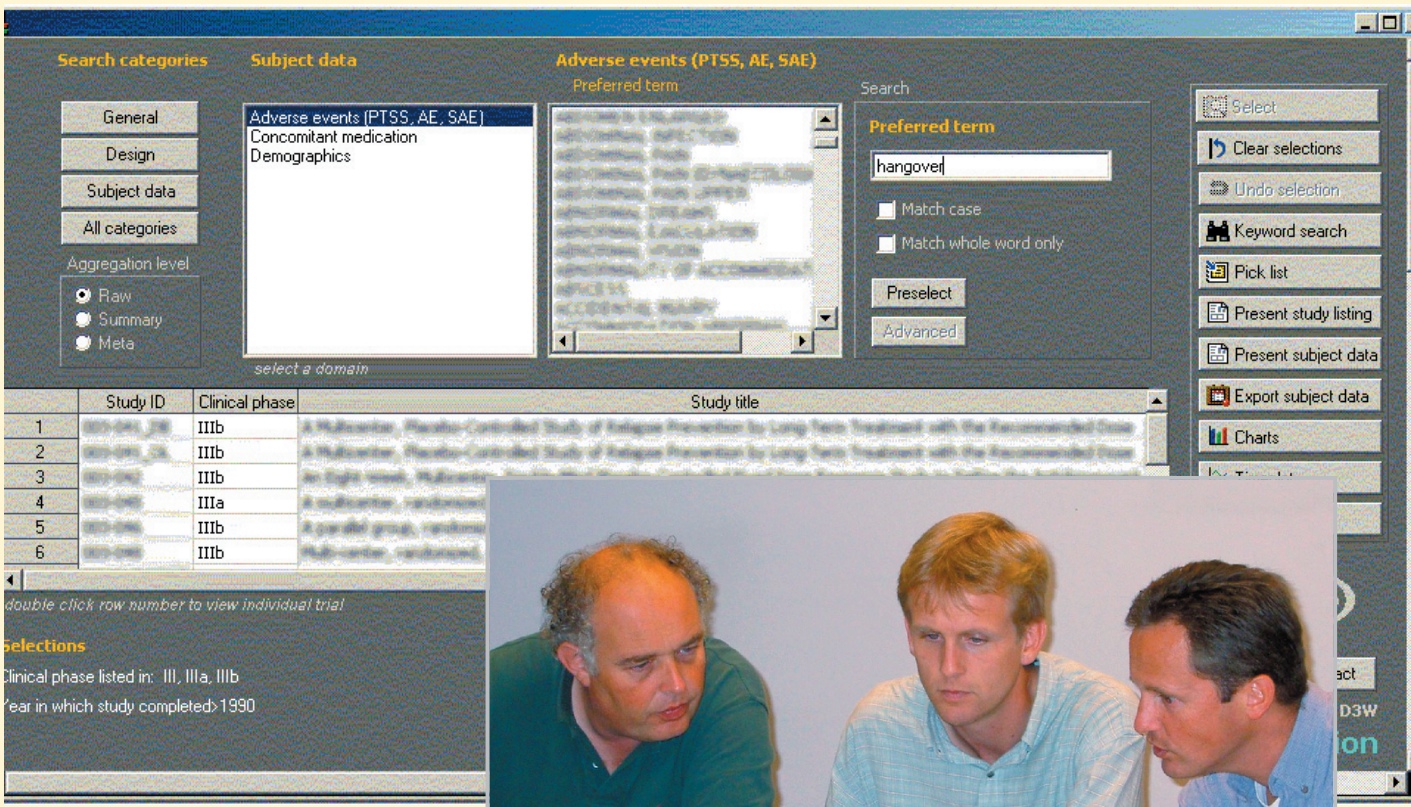
Why a data warehouse?

Area	Present	Desired
data access	Biometrics	Organon
required skills	SAS programming	knowledge of data
integration level	within compound	across compounds
scope	clinical	research-clinical

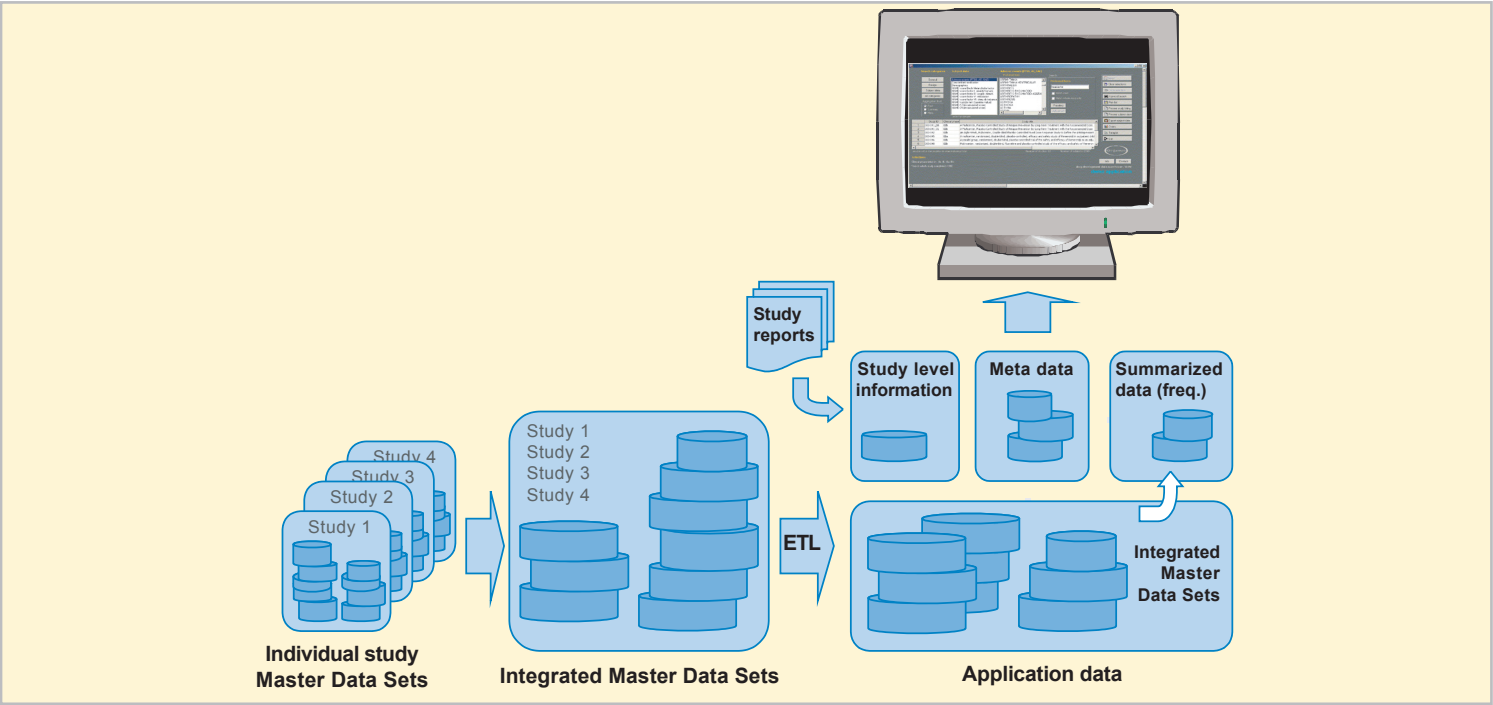
Pilot

The clinical data of an existing product served as pilot data (>140 studies, >13,000 subjects). A SAS/AF query and reporting application that accessed this data was developed for demonstration purposes. The application was used in several workshops and presentations and appeared to be a useful means to (1) visualize and clarify data warehouse concepts, (2) obtain support for the project, and (3) define the basic requirements of data and tools for the data warehouse.

Workshops



Application data



Results & Conclusion

- We developed a road map for the implementation of a data warehouse, involving the simultaneous implementation of CDISC standards.
- A pilot was succesfully completed.
- SAS ETL Studio has been selected as a candidate ETL tool for the data warehouse.

► We are ready to build the actual data warehouse!

Next steps

- Next steps in our project are:
- Create the data model for the data warehouse
 - Configure SAS ETL Studio
 - Load data into the data warehouse
 - Develop tool set and user environment

