

Overview

In a recent enterprise data warehousing (EDW) implementation project for a \$24B aviation company, a combined Datric/client team used **Agile Data Suite (ADS) for SAP** to define and document functional requirements, identify and resolve model gaps, perform source-target mapping and specify ETL rules. The project consisted of a concurrent implementation of SAP ECC and an enterprise data warehouse based on a Teradata platform.

The project was successfully completed **60% faster** than a traditional implementation with **a savings of over \$1.1 M!**

Description

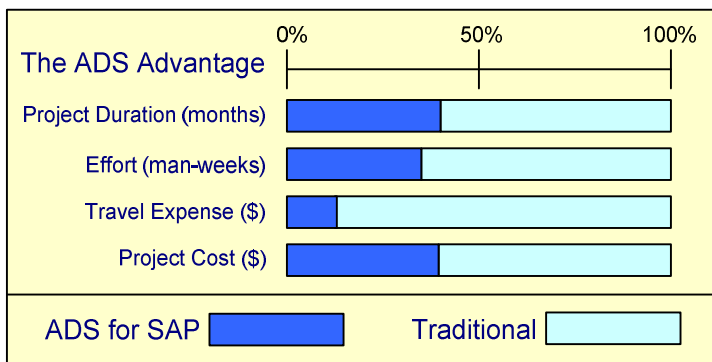
The project team designed an enterprise data warehouse model mapped to all major SAP ECC components, fulfilling the client’s data and analytic requirements. To archive the requested implementation time, the team defined business and logical model requirements concurrently with normal SAP blueprint activities.

Utilizing Agile Data Suite for SAP, this parallel approach dramatically reduced overall project time with little risk of re-work and was only possible with ADS.

ADS significantly reduced the time and labor involved in the analysis and development phases – typically areas where organizations struggle to gain efficiency. The performance gains resulted in a robust EDW for SAP. Through the use of ADS for SAP, 78% of the work was completed offsite providing dramatically increased productivity while reducing travel and project management overhead.

Agile Data Suite (ADS) is **data management software** that integrates proven implementation methodology, and pre-defined content for **rapid and accurate business requirements definition and technical mapping** between multiple physical and logical systems.

Accomplishments



Compared to normal implementation projects of this magnitude, the results were impressive:

- ✓ 60% faster to completion
- ✓ 63% less man-power
- ✓ 90% travel expense reduction
- ✓ 60% reduction in project cost

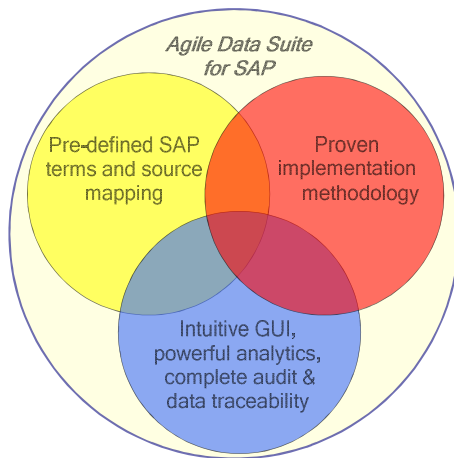
Summary

The Datric team started work during the early SAP blueprint phase. ***This work began prior to defined customer requirements, but incurred no re-work.***

Through the use of ADS for SAP's pre-defined processes, business model and source mapping, the known foundational requirements were addressed and completed first.

Production Planning	Material Management	
	Customer Service	Project Systems
		Production
Accounting		Quality Management
Sales & Distribution		

As blueprint requirements were approved, extensions to previously completed work were made as required. By combining the implementation experience of Datric personnel with ADS, proper phasing accomplished work in parallel *with no re-work!*



During the requirements gathering phase, over 3,800 distinct data attributes were defined and mapped by the Datric team.

All major SAP ECC processes and modules were integrated into a normalized relational model.

Deliverables

- *Business requirements* – Documented business processes, reports and analytics
- *SAP ECC source requirements* – Business requirements linked to SAP modules
- *Processes integrated to logical model* – SAP processes merged with logical data model
- *Enterprise logical data model (ELDM)* – Tailored to customer specifications
- *Enterprise business document model* – Business views with SAP alignment
- *Enterprise glossary* – Complete business terms and definitions aligned to business model
- *Source – target mapping* – SAP to business model and logical model
- *Extract, transform and load (ETL) specifications* – field-level source to target specifications

About Agile Data Suite

The impact of ADS goes well beyond the cost and time savings illustrated above. As an integrated data management system, the features below are standard and included at no additional cost.

Features	ADS for SAP	Traditional Implementation
Enterprise logical model	✓	✓
Business document model	✓	x
Pre-defined subject areas	✓	✓
Pre-defined processes	✓	x
Pre-defined SAP ECC mapping	✓	x
Pre-defined terms and definitions	✓	x
Pre-defined reports	✓	x
System inventory	✓	x
Enterprise metadata repository	✓	<i>Separate software</i>
Change tracking and audit	✓	x
User and object-level security	✓	x
Object approval and promotion	✓	x
Validations and pro-active quality assurance	✓	x
System mapping with ETL definitions	✓	<i>Spreadsheets</i>
Document version and instance control	✓	<i>Separate software</i>
Task-level project management analytics	✓	<i>Separate software</i>
Object where-used and search capabilities	✓	x
Data lineage	✓	x
Enterprise glossary	✓	x
Issue log	✓	x

Will Agile Data Suite Work for You?

Agile Data Suite and Agile Data Suite for SAP were designed especially for complex, multi-system data integration projects. Highly adaptable, ADS is source and target neutral and is ideally suited to data migration, integration, data warehousing and system decommissioning projects.

If the answer is “Yes” to any of the following questions, ADS may be right for your project:

- Do you spend a lot of time in analysis and requirements gathering?
- Do you map and remap multiple systems at multiple steps of the project?
- Are your projects often dealing with defects rooted in data definitions, mapping or data models?
- Do you require change control, audit and traceability for data transforms resulting from data movement?
- Do you want to understand data impacts and requirements from a business *and* technical perspective while operating from a single source of data?
- Are you struggling with disconnects in the SAP metadata environments, external ETL and other database catalogs?
- Are you trying to do more work with fewer resources, want real efficiency and not just another tool to sit on the shelf?

About Datric

Datric, founded in 2000, is headquartered in Charlotte, NC, USA. Highly experienced in complex global implementations, Datric’s primary focus is SAP-related integration solutions including:

- Strategic designs for enterprise architecture and data management
- Cost reduction through decommissioning and consolidation
- Migrations, conversions, upgrades and implementations
- Data warehousing and business intelligence
- Hosted B2B E-commerce and EDI
- Supply planning data integration
- DX-Agile Data Suite (DX-ADS)

For more information about our products, services and clients, please visit us at <http://datric.com>