# **DATA SHEET**



### Safyr & SAP Use Cases

### **Aircraft Manufacturer**

Safyr provisions Boeing's data architects with SAP data models to support data migration into SAP during their major implementation project.

#### **Renewable Energy**

Hydro Tasmania used Safyr to bring their SAP reporting project back on track by using it to accelerate data discovery after being informed the SAP data model was "not available".

### **Electronics Distributor**

RS Components use Safyr to accelerate and enable accurate reporting, analytics and integration projects involving SAP by providing rapid access to their SAP metadata.

#### **Network Infrastructure**

CommScope uses Safyr to provide SAP and Salesforce data models to their data modeling and architecture solutions in support of their Enterprise wide global Data Governance project.





silwoodtechnology.com © 2017, Silwood Technology Ltd

## Safyr<sup>®</sup> Supporting Information Orientated SAP and SAP BW Projects

## Effective data discovery — the SAP challenge

Critical IT initiatives and projects such as Data Warehouse, Big Data, Master Data Management, ETL, Data Integration and Migration, Data Governance, Data Modelling, Enterprise Architecture and others all share a common challenge. This is the ability to access and understand the metadata which are the underlying foundations of the Enterprise Applications which hold much of the data required.

With SAP and SAP BW, this challenge is made worse by the huge number of tables (over 90,000) in the data model, the lack of relationship or descriptive information in the database catalogues and the level of customisation. Before Safyr, there was no way for data professionals to quickly and easily search, navigate and utilise this information for their projects.

Safyr provides a unique solution. It extracts metadata from the source SAP system, as implemented, and allows it to be analysed and used in context.

### When to consider Safyr

- If you have SAP, (or Oracle or Salesforce) applications and need to understand their data structures for use with modelling or other software tools in the context of your project.
- When comprehensive source data or metadata analysis is critical for the success of your project.
- When it is taking too long or costing too much to accurately find the data in complex SAP, (or Oracle or Salesforce) applications.

### **Benefits**

- Gain more from your investment in SAP and accelerate project delivery.
- Reduce the cost, time and risk associated with complex application metadata discovery.



Are you still wasting time and money using traditional methods to find and understand the data model which underpins your SAP or SAP BW applications?

# **DATA SHEET**

### **Applications**

- SAP
- SAP BW
- SAP on HANA
- Oracle E-Business Suite
- JD Edwards
- Siebel
- PeopleSoft
- Salesforce and Force applications
- Microsoft AX 2012

### **'ETL for METADATA'**

For applications not included above Safyr can be configured to map their metadata into its own metamodel. Please contact us to discuss your particular packaged systems.

### **Pre-configured content**

Business contextual metadata content is provided for a number of packages including SAP, JD Edwards and others.

### **Export results**

Results of Safyr analysis can be exported to modelling (e.g. ERwin, ER/Studio, PowerDesigner, Unicom Systems Architect), metadata management, integration and master data management tools.





silwoodtechnology.com © 2017, Silwood Technology Ltd

### Technology overview

Table-Info	III 1	Fields Relation	nsh	nips 🔄 Indexe						
Fields				Field Details						
Fieldname	Posit	Fieldtext		Field Name:	AUFSD					
P III MANDT	1	Client Customer	=	Short Desc: Posit: Parent Table/Field:	Central order block					
	2				20 Key Flag: N Mandatory: N					
T III LAND1	3	Country						Manualory: IN		t [
NAME1	4	Name			TVAST		AUFSP			
NAME2	5	Name 2		Data Element						
ORT01	6	City		the second second second second						
PSTLZ	7	Postal Code		Data Element Name	: AUFSD_X					
REGIO	8	Region	<	Short Desc:	Central order block					
SORTL	9	Search term								
III STRAS	10	Street		Domain Info						
TELF 1	11	Telephone 1		Domain Name: Short Desc:	KAUES					
TELFX	12	Fax Number								1
XCPDK	13	One-time account			Order type block indicator (for example, only cash sales)					
ADRNR	14	Address		Data Type / ERP:	String	1	CHAR	Length: 2	Decimals:	0
MCOD1	15	Name Name 2	4	< Entity Table:	TVAST					1
MCOD2	16		P		·					1.20
MCOD3	17	City		Descriptions (T = tec	hnical de	escription) —				
ANRED	19	Title		Field Fie	(T) b	Data Elemen	Data	Elem. (T) Domain	Doma	in (T)
AUFSD	20	Central order block								
BAHNE	21	Express station		Indicates if sales order processing is blocked for the customer in all sales areas (company-wide, for example). If you block sales order processing, the block counts for the following partner						
BAHNS	22	Train station								
BBBNR	23	Int. location no. 1		functions of the cust	omer: So	old-to party Si	hip-to pa	rty Payer If you want	to process	Ħ
BBSNR	24	Int. location no. 2		an order where the is blocked, you cann			om the se	old-to party, and the	ship-to party	y l
BEGRU	25	Authorization Group -					cording to	the needs of your or	ganization.	
	111			You can define different kinds of block, according to the needs of your organization.						

Safyr extracts metadata from the SAP Data Dictionary including customisations. This way logical as well as physical names and descriptions are retrieved. This information is stored in a Safyr repository so users work independently of the application. Safyr's analysis features allow for easy navigation through complex data structures which, together with its powerful search, filtering and application hierarchy capabilities provide for rapid identification of the tables and related tables needed in the context of the task at hand. Users can also view the details of any table including fields, descriptions, attributes and indexes. Results can be visualised in Safyr or exported to other tools.

## **Key Features**

### Metadata extracted includes:

Tables Customisations Physical names Data elements Fields Views Logical names Descriptions

- Identifies Parent/Child relationships
- Performs table row count during extraction to allow filtering on tables containing data and reduce size of results sets
- Automatic creation of Application Hierarchy of Modules and associates tables with Programs and elements e.g. transaction codes (where applicable)
- Advanced features for search, filtering, scoping, analysis and visualisation of metadata
- Comparison of specific results sets or complete application instances with granular control over items to be compared
- · Export results to modelling, integration and metadata management tools

### **Contact us**

T: +44 1344 876553

E: info@silwoodtechnology.com



SAP<sup>®</sup> Certified Powered by SAP NetWeaver<sup>®</sup> SAP<sup>®</sup> Certified Integration with Applications on SAP

Integration with Applications on SAP HANA\* **SAP**Certified Integration with SAP S/4HANA