SAP R/3 is now the world’s leading ERP system. However, in many implementation projects, the tasks of creating system documentation and continuous improvement of the system-based business processes have been neglected. These oversights cause incalculable costs in terms of system maintenance, administration and optimization. Especially when upgrading or implementing new SAP systems, a question arises which individual adaptations have to be applied or can be replaced by standard functionalities in future. The ARIS Redocumentation Solution is the ideal solution for minimizing your expenditure on process-oriented redocumentation and time-consuming system reviews of your SAP systems. At the same time you get important key performance indicators for optimization of your business processes and SAP systems.

**Initial situation**

More than 17,000 companies in 110 countries at the moment with more than 88,000 installations on SAP/R3. When introducing the systems, the focus was usually on replacement of old systems and rapid availability of operable solutions. As a consequence, only a very small fraction of the enormous capabilities of these new systems have ever been fully exploited. The adaptation of the system in company-specific processes has been in connection with the implementation and it has not been documented consistently and process-oriented. Today the companies are faced with an upgrade, reimplementation, a department-driven optimization and consolidation or migration tasks. Comprehensive understanding and the process-oriented documentation of the existing systems and the ongoing processes are urgently required for it. Harmonizing business processes with the deployed software and providing employees with process-oriented training will reveal the full range of their potential benefits.

The following points will serve to underline these benefits.

- Innovative areas of business and business models can be exploited using new SAP products and technologies. This raises the question of how to link these new, inter-company processes with company-internal processes and IT systems.
- Optimization potential of new SAP releases can be made accessible only when it is documented which functionalities has been previously used in which scope.
- Many companies are merging to form larger units or are being bought up. Integrating legacy systems is impossible, since there are frequently no indications regarding which modules and functions are being used where.
- Due to constantly rising IT costs and the necessity of many companies to be able to react to market changes with flexible business processes, there is a need to integrate various SAP systems within the same company or to the company’s business partners. Here too, process-oriented documentation can reduce the workload.

With the ARIS Redocumentation Solution you will soon see which processes really run on your system. The redocumentation runs largely automatically without stressing your experts with long interviews. Only then will you be able to use your system to its full advantage. In addition, you can identify system and process-related performance indicators in the process-oriented redocumentation of your SAP systems for controlling your processes and your IT.

**Process-oriented redocumentation of SAP systems:**

The ARIS Redocumentation Solution combines the ARIS Platform, the world’s leading business process management software, with concrete process-based implementation contents of the SAP, supporting and speeding your redocumentation project. The clearly formulated and detailed procedure answers all the important questions regarding redocumentation of your SAP system.
Structured Procedure

Within the scope of the ARIS Redocumentation Solution, the process-related configuration information and the adaptations and extensions of the SAP systems are evaluated on the basis of special SAP Reports. Then this information is consolidated automatically and placed in relation to the SAP reference contents of the SAP Solution Manager. The reference contents are then synchronized with ARIS for SAP NetWeaver and serve as a basis for further analyses, optimization recommendations and the requirement description of future processes of your SAP landscape.

The aim is to create transparency of the system-based business processes throughout the entire system landscape. As you proceed, you will find the answers to the following questions:

- Who uses which functionalities and how often?
- Which business processes have been implemented but are never used?
- What customer-specific transactions and reports do we have, how frequently are they used and who created them?
- Which functions should be prioritized during an upgrade?
- What are the differences in usage of the various SAP R/3 systems?
- How do you lead your system-aided processes back to the standard process optimally in an upgrade?

But the most important question is this: How must the results of the analysis be presented so that they are easily grasped and simple to communicate.

You will find the answers by extracting, processing and analyzing the data from the SAP system itself and transferring it to ARIS Platform. By the end, you will have created a customized SAP reference model in ARIS for SAP NetWeaver that presents the processes used, the associated transactions and the executing organizational units, as well as a cohesive and clear representation of the entire system landscape. Additionally you will be able to evaluate system and process-related performance indicators such as degree of system standardization, number of own developed transactions or reports. The ARIS process models contain all the knowledge you need to implement your project. This enables fast learning of the individual SAP system or detailed process-based training at any time. Even if experienced employees or consultants from the implementation projects are no longer available. New scenarios or functionalities are added in this ARIS process model prior to their implementation.

You can then use further components of ARIS Platform to evaluate subsequent costs, to publish process models on your intranet, or to analyze running systems process-oriented in real time. This is the basis for continuous optimization of your existing business processes and SAP systems you have introduced.

About IDS Scheer

The software and consulting company IDS Scheer is the leading provider of Business Process Management and IT solutions. With its ARIS Platform for Process Excellence, IDS Scheer offers its customers an integrated and complete tool portfolio for strategy, design, implementation and controlling of business processes thus supporting them around the entire process lifecycle. As part of the ARIS Platform for Process Excellence, ARIS Toolset is the world’s best selling tool for process optimization. A strategic co-operation with SAP makes the ARIS tools and methods standards for the NetWeaver platform.

Thanks to the integrated approach of ARIS Value Engineering, IDS Scheer consultants build bridges between corporate strategy, the processes derived from it, the IT solutions needed to support it and also the controlling of running processes.

IDS Scheer was founded in 1984 by Prof. August-Wilhelm Scheer, who today is Chairman of the Supervisory Board and Chief Technology Advisor, and now with some 2400 employees serves about 4,000 customers in over 50 countries. In 2004, the company earned revenues of more than 280 million Euro.

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