System Architect®/ERP

Meta-Data Extraction and Analysis for Enterprise Applications

Highlights

- *Discover data table structures for:*
    - *Salesforce.com*
    - *SAP*
    - *Siebel*
    - *JD Edwards*
    - *PeopleSoft*
    - *Oracle EBS*
- *See exactly how tables in your ERP implementation are related to other tables*
- *Discover and categorize data tables by Application or Process*
- *Build manageable meta-data views for analysis*
- *Import filtered sets of data tables into the System Architect enterprise architecture repository, for analysis*

UNICOM® System Architect®/ERP (SA/ERP) is a meta-data discovery and management tool that enables you to extract, explore, and analyze enterprise application meta-data of leading Enterprise Resource Planning (ERP) systems such as Salesforce.com, SAP, JD Edwards, PeopleSoft, Siebel, and Oracle EBS.

The data structures of ERP systems are complex and difficult to understand. Making sense of the meta-data hidden within your ERP systems can be a time-consuming and frustrating task, especially when embarking on a project that requires specific knowledge of data structures. With SA/ERP, data managers can control meta-data without relying on ERP providers; this results in more consistent data, easier data migration, and significant cost savings.
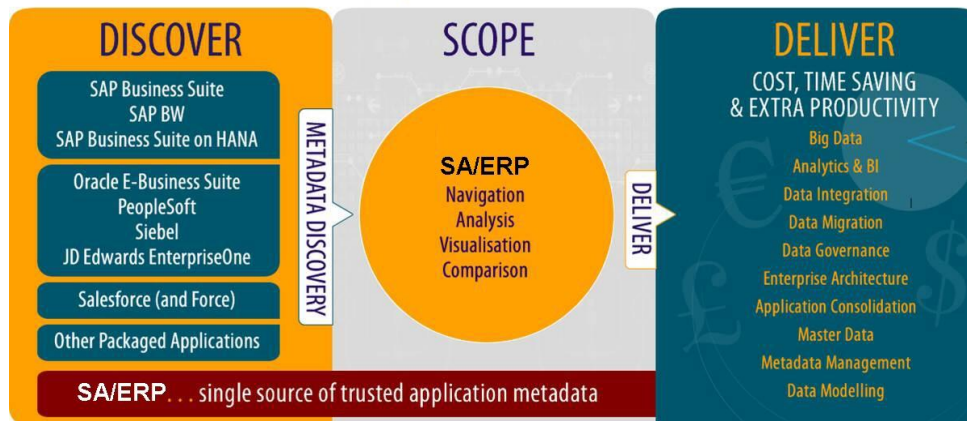
Enterprise Data Management and Mapping

SA/ERP is the only tool on the market that extracts ERP meta-data into an EA repository. Before importing into SA, you can use SA/ERP to navigate complex ERP relationships with ease in a discovery database. Data managers can maintain control over the examination of meta-data and its results without reliance on enterprise application providers.

Meta-Data Interrogation

With SA/ERP, you can perform customized queries on the existing ERP implementation, and allow for model search by common words or related artifacts. The queries can be saved into separate views for direct import into System Architect® and can be used for comparing process and applications with the architecture.

Discover, Scope, and Deliver with SA/ERP

SA/ERP enables you to discover the data structures of your Enterprise Resource Planning solution, and harvest them into your Enterprise Architecture.

Meta-Data Comparison

With SA/ERP, users can compare separate versions of ERP implementations and easily identify changes across the application meta-data. This capability enhances the management capabilities and decreases the level of effort required in ERP maintenance and deployment.

A Look Under the Hood of SA/ERP

Via SA/ERP's easy-to-use browser, users can navigate complex data structures – search for tables and fields, navigate up and down relationship paths, and search by application module. SA/ERP extracts key meta-data information (tables, fields, relationships, indexes, etc.) from the ERP data dictionary using the most appropriate connection mechanism for each enterprise application:

- Salesforce.com – SA/ERP uses Salesforce Metadata API
- SAP systems – SA/ERP uses RFC calls to an ABAP function
- J.D. Edwards – SA/ERP uses a combination of direct SQL calls to the data dictionary and an import of an XML file created by a J.D. Edwards-developed process
- PeopleSoft – SA/ERP uses direct SQL calls on the data dictionary
- Siebel – SA/ERP uses direct SQL calls on the data dictionary
- Oracle EBS – SA/ERP uses direct SQL calls on the data dictionary

In each case, SA/ERP makes an initial connection to the system and extracts the requested meta-data to a separate repository, so users work in an independent environment and make no further demands on the ERP team.

Benefits

- Increase your internal ERP management capability
- Lower costs by reducing your dependency on your ERP service provider
- Reduce the risks associated with customizing your ERP system
- Understand how your ERP meta-data aligns to your business process needs
- Enable data consistency throughout your organization
- Manage change via comparison capability
- Directly integrate your ERP meta-data with your enterprise architecture for complete traceability and analysis

ERP Systems Supported

- Salesforce.com version Winter 14 & later
- SAP versions 6.5 and above
- J.D. Edwards version OneWorld
- PeopleSoft versions 8.0 and above
- Siebel version 6.5 and above
- Oracle E-Business Suite 11.0 and above

For More Information

To learn more about UNICOM System Architect®, contact your UNICOM representative or UNICOM Business Partner, or visit the following website: www.unicomsi.com/products/system-architect/