SunSystems Vision 6
Key Features – Vision For Applications

Overview

SunSystems Vision for Applications allows organizations to use familiar Vision tools to analyze data from any number of disparate data sources. Using Vision for Applications could for example enable you to generate a single report containing information from both a SunSystems database and perhaps an in-house order processing database.

This is achieved by using optimized query generators and data acquisition methods to extract data from enterprise-wide data sources. Ad-hoc query users and developers do not have to understand underlying database schemas. Vision for Applications architecture comprises toolsets and Serducts®.

SunSystems Vision toolsets - Vision XL, Vision Word and Vision Executive - are the day-to-day management reporting tools for non-technical users, which enable the running of real-time, or pre-processed inquiries, with easy navigation and comprehensive in-built analytical functionality.

Serducts® are intelligent business layers that separate the usage of data from the need to understand how the data is physically accessed.

Key Features
Serducts

Serducts® are created by using Vision Generator which provides workflow style processes to generate the link between Vision tools and the underlying databases. The Vision Generator interface enables a Serduct to be created and maintained.

The Generator also enables the following to be applied for each Serduct:

→ data access logic
→ business rules
→ security
→ data transformation
→ language translations
→ presentation formats

It is this Vision Serduct that links your databases with the range of Vision applications. With the power of a Vision Serduct, information kept in your databases can be easily

accessed and presented in a user-friendly format. Serducts have already been developed for application platforms including SunSystems, Micros-Fidelio, Pegasus, PSA, Maximo and many others. Custom Serducts can be created for any ANSI SQL 92 compliant data source.

Workflow Process

Vision Generator automates the necessary processes for creating a Vision Serduct. Three methods are provided:

→ **Fully automatic:** This creates the initial Serduct, utilizing information from within the target database - namely referential integrity, schema and constraint information for all the tables and fields within the database.

→ **Semi-automatic:** Development of the initially created Serduct using a number of wizards to enhance the look and feel of the underlying application. Wizards are provided to assist development during this phase.

→ **Manual:** The Serduct is developed with the required intelligence of the underlying application, requiring detailed knowledge of the database and application. General tools are available within the Generator to assist during this phase.

Security

In addition to its own Vision application security, Vision Generator can replicate any underlying application security model, allowing:

→ Users to access the same secure data through their own internal application or through Vision

→ Protection of sensitive data

→ Assigned user privileges to be fully respected. The information a user can access will depend on the privileges assigned to that user

Availability

Please refer to your SunSystems representative for information on operating systems and software environment requirements.

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