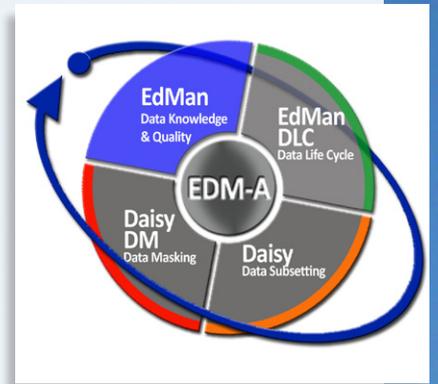# EdMan

Enterprise Data Manager

Data Knowledge & Data Quality, provides the best knowledge and QA of the corporate Data assets.

In the Information Systems environment, data is the most important asset that companies manage, store and which is available. Very often however, due to a multitude of factors, the location and devices on which data is stored can be chosen at any time without preparing processes and technologies necessary to keep good mapping and understanding of where data resides, especially from the functional stand point.

Often, the variety of types of data stored, either because of the use of various technologies and platforms, or because of the need of individual applications to duplicate data already present in other forms or to find external sources, have meant that data storage files have been growing virtually unchecked and also not typically governed by the managers of the Data Administration groups.
This has resulted in an increasing need for the knowledge of both the functional meaning and the location of the information, especially those that are more relevant for the business processes, which are a precondition to the effective and accurate processing of the data, also in terms of verification of its quality.

The EdMan Solution

EdMan, the Data Knowledge & Data Quality solution from RES, provides the ability to create a catalog of enterprise data and the relationships in an internal EDM-A Catalog by building a centralized knowledge repository regarding the information assets from both a functional and technical perspective. You can achieve this objective through the installation and implementation of the RES developed EdMan methodology, supported by a variety of devices and functionalities that, thanks to the analysis of various elements such as DBMS catalogs and how applications use data, you will be able to quickly determine the ties and relationships between data stores.
The files can be either an RDBMs and/or files (including VSAM on a Z/Series) and can reside on multiple platforms and locations, either open systems or mainframe.

One of the key features of EdMan is the ability to define Metadata (i.e. "symbolic" keys) which help combine data, even if from different sources, under the same functional characteristics. EdMan also enables the definition and execution of quality verification processes for the data and where possible, their treatment.

Objectives and Features of EdMan

The administrative features of this fully web-based tool allow the user to quickly define and intuitively and quickly alter the catalog of the data and the data quality rules. EdMan includes a variety of functions to assist with the analysis of relationships, the ability for a user to specify the functional meaning of the data, the ability to locate where the data resides, a proactive approach for the validation and finally, the ability to survey the information in the knowledge repository.

EdMan provides the easiest way to quickly map business data. This type of process, typically viewed by many IT organizations as being too complex and too costly, can now be addressed simply and with minimal impact on the users.
The Process Engine components are "core" to the EdMan system which allows for the execution of rules for the validation of quality. Quality rules classes are available for:
- validation of data design
- verification of the structure and relationships
- verification for data types of fields with the same metadata
- verification of the data and the domain to which it belongs
- validation/consolidation of content, also through rules and user processes.

The Export component can provide information from its catalog, through utilities and special plug-ins, to external tools that do not have specific good utilities for data survey, for relationships analysis or for metadata.