



## Metadata<sup>®</sup> Virtual Data Retrieval Tool

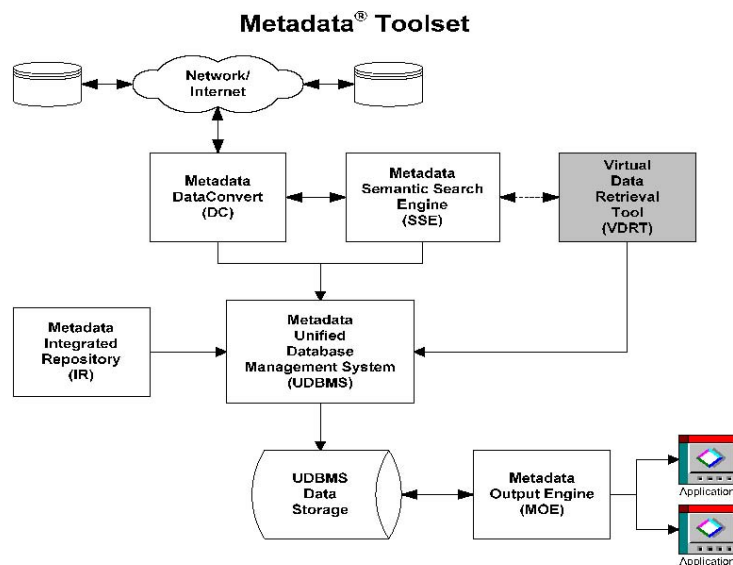
**Do you have the need to store massive amounts of data, yet have storage capacity and data management constraints?**

**Is data currency a critical issue to your operations?**

If so, the Metadata<sup>®</sup> Virtual Data Retrieval Tool (VDRT) offers you a solution!

Metadata's VDRT allows a user to specify and query several databases simultaneously, regardless of whether the data are stored locally or are stored remotely and only available via channels such as the internet. The VDRT will satisfy any request for data without having all instances and routes to a solution pre-loaded. In other words, the entire domain of known data does not have to be locally available to answer a data question posed by a user.

The VDRT first initiates a solution from the Metadata Integrated Repository (IR) of how the data are to be accessed. A data 'fetch' solution is developed (using a Metadata proprietary method) that identifies the most reasonable location to be considered for retrieving raw data from a source to satisfy the query. If there is source ambiguity, the user optionally selects an optimal solution from alternative external sources. The source(s) that satisfy the query could be from a mixture of local and remote sources.





DataConvert is then used to retrieve the data based on instructions of the location and security requirements specified in the Integrated Repository.

Data are retrieved in the specified format and integrated into a single unified database that reflects a common meaning from all the sources, regardless of the data labels used in each of the source databases.

Once integrated, the data are available for use within the Metadata Toolset, or using the Metadata Output Engine, can be exported to various external applications, each using their own labels and format.

## Benefits of the Metadata<sup>®</sup> Virtual Data Retrieval Tool

There are numerous benefits provided by the Metadata VDRT. A few examples include:

- Unprecedented data interoperability
- Eliminates the need to maintain massive local databases and data warehouses
- Ensures that data are current at time of query
- Integrates content, data relations, and data meaning from disparate databases
- Reduced data management costs

## Further Information

For additional information regarding the Metadata Toolset, please contact:

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