

WOW : Multi-System Query (MSQ)

Multi-System Query

From a single user query, search multiple data sources and combine the results.

Case Study

WOW MSQ is currently being used by multiple law enforcement agencies. MSQ allows law enforcement agents to execute queries for persons, vehicles, guns, and property. MSQ works behind the scenes to distribute the single query to multiple databases that exist in neighboring agencies and districts.

High Performance

MSQ is able to leverage WOW's high performance cache technology to speed queries increasing end user productivity.



The MSQ component of WOW can be used in situations where an organization's data is distributed amongst multiple database systems. MSQ behind the scenes organizes and combines query results into a single result set for end user viewing.

Here's how it works:

Using a law enforcement example: An end user query can be created using WOW's award winning dynamic prompting technology. The query includes prompts for first name, last name, gender, age, and other related fields. Multiple database connections and tables can be configured to be included in the query.

- WOW's MSQ also commonly called Federated Query enables a single end user query to return results from multiple databases and systems. For example, an "Inventory Query" could return inventory records from databases stored in DB2, Oracle, and SQL Server. This can be done even if the database structures are different.
- Database records from multiple databases are combined and transparently returned for user viewing.
- MSQ can concurrently query and combine database results from any RDBMS.

If a user enters a first and last name such as "John Doe", MSQ will execute a query using "John Doe" against the configured databases. The results from each back end query are combined and presented to the user.

From a single user prompt, law enforcement is able to query all other available databases for information. Imagine an officer stopping a person in San Diego and discovering that this person is a suspect in a crime committed 9 hours earlier in Oregon. That is information on demand! That is WOW MSQ!

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