

## Technical Overview of Informer SQL

“Informer SQL is technology that allows users to create decision making reports using Microsoft Reporting Services. You no longer have to use expensive query and reporting tools like Business Objects or Cognos to create decision making reports.”

### PATENTED OLAP TECHNOLOGY

The core functionality of Informer is provided by an industrial strength OLAP service which solves the two biggest issues with OLAP technology namely:

Sparsity - Other OLAP technologies suffer from database blowout due to an inability to handle sparsity.

While relational databases store data in the form of records, OLAP technologies transform flat relational data into a multi-dimensional cube and this gives OLAP databases their core strengths of query speed and complex calculation capability.

However, OLAP creates "empty space" which leads to database blowout.

For example, a data warehouse that stores time in days, products and customers, could assume that every product is sold to every customer every day. These "null" values cause an explosion in staged database size from a factor of 10 to well over a factor of 100. Informer's OLAP service does not suffer from database blowout and typical staged size is 1.25 times raw data.

Relational storage: All data computed by the OLAP service is stored relationally resulting in a robust industrial strength solution with pre-post imaging.

This core technology is covered by US patents #7,366,725 and #7,734,661

The OLAP service used by Informer is a mature product that has been used in mission critical applications by over 30 sites with large databases and hundreds of users.

### TRANSPARENT SERVICE

Informer SQL is a service that runs on MS SQL Server. It supports 64 bit hardware and such platforms are recommended for best performance.

Informer SQL supports any SQL compliant query and reporting tool but we recommend using MS Reporting Services for ease of use, functionality and low cost of ownership.

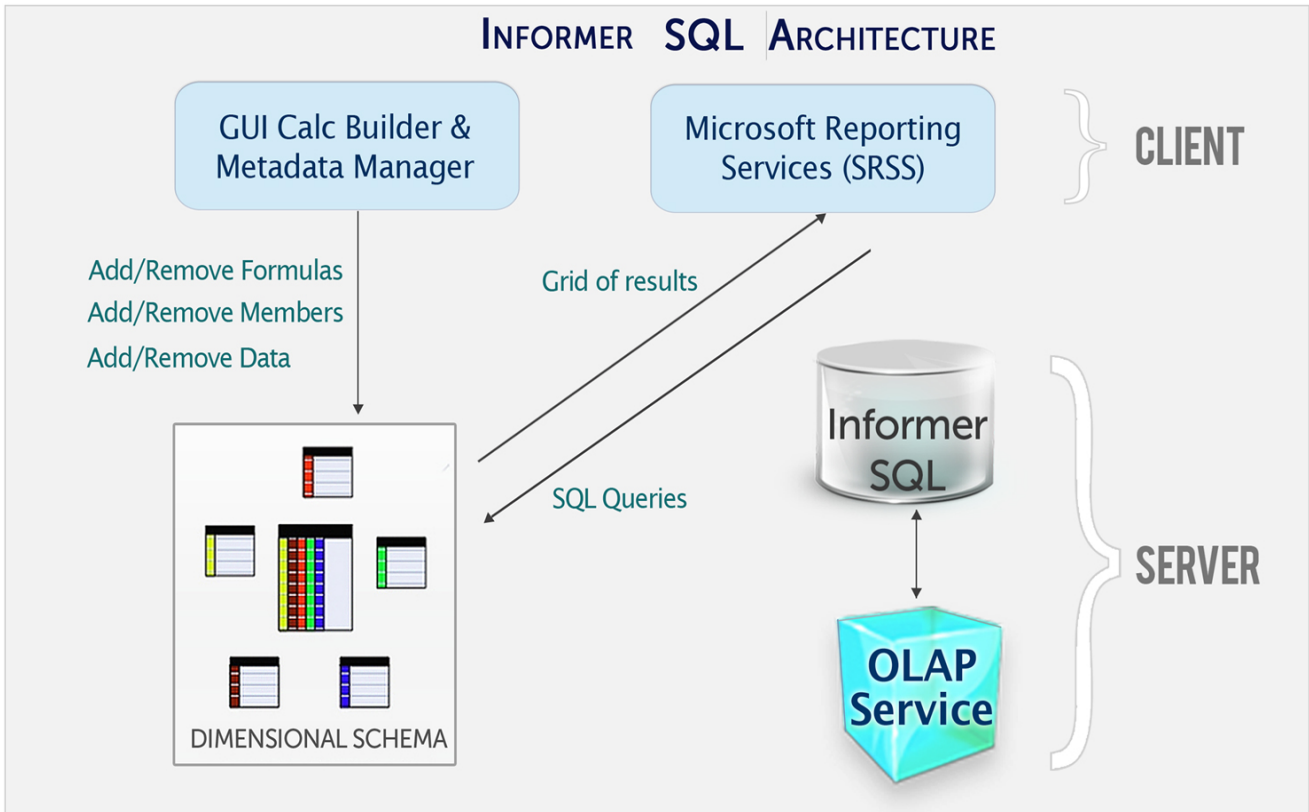
Informer's OLAP service is transparent to systems administrators and end users.

Once installed to work with a specific data warehouse, Informer automatically synchronises data and structure changes in the data warehouse with the OLAP service.

There is no need to build cubes or to perform complex data modelling. There is the added benefit of avoiding the ongoing maintenance cost of maintaining two systems (the data warehouse and OLAP cubes).

# MODERN SCALABLE ARCHITECTURE

The architecture of Informer SQL is shown below:



## ABOUT US

Information Edge provides innovative reporting solutions to enterprises of all sizes. We are the distributors of Informer SQL and this patented technology, combined with our proven delivery capability allows us to deliver flexible reporting solutions very quickly and cost effectively.



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