iSecurity DB-Gate

Direct AS/400 client-only access to non-DB2 databases

DB-Gate empowers IBM i customers with exciting data access capabilities, based on Open Database Connectivity (ODBC), employing standard OS/400 facilities to enable fully database-transparent access to remote systems.

Using native SQL on the IBM i, users can now access specific files on DB2 and non-DB2 remote databases without any special hardware appliance or software on the remote database. Access is possible from interactive STRSQL and from any standard RPG, Cobol, C, etc. programs are now easier and more natural than ever.

The Challenge of Multi-DB Access from within the IBM i

As your enterprise applications expand in database requirements and complexity, so does your need to access multiple databases from your main application server. Current methods of accessing specific files on a remote database from within the IBM i require considerable time and resources.

If you aren't willing to transfer large batches of files (using FTP) to get to specific data you need, you'll need to implement a complex solution that requires additional middleware, use non-standard SQL statements or integrate IBM's Call Level Interface (CLI) that relies on complicated APIs and which provides only partial functionality.

The current limitation of DRDA (Distributed Relational Database Architecture), which only connects DB2-like databases, limits the possibilities of accessing databases that support JDBC, which is probably the most common standard for inter-system data access.

Top DB-Gate Benefits & Advantages

- "Opens" the entire non-DB2 spectrum of databases
- Greatly expands programmer's capabilities when working with non-DB2 databases
- Reduces the need for redundant data and ETL (extract, transformation, load) data manipulation products
- Provides detailed traceability logs
- Eliminates the need for *SQLPCK, even when accessing another DB2 database (including one on the AS/400)
- Low entry cost
- No overhead
- Virtually no learning curve.

iSecurity DB-Gate Features

- **Unique technology** enables transparent access to any database (MySQL, ORACLE, MS SQL, DB2, Informix, and SQLite) or data source (e.g., Excel) which resides on any IBM or non-IBM platform using STRSQL, STRQM or programs in languages such as RPG, Cobol, etc. (compiled using CRTSQL...).
- **Integrated with the STRSQL** lets you prompt to see the Table names, Column names, and more.
- **Expands IBM i-based DRDA** functionality by enabling transparent connectivity with JDBC databases not supported by DRDA
- **Uses standard SQL syntax** and is based upon standard OS/400 functionality - so there is virtually no learning curve to get up and running.
- **Remote Server Authentication** that makes use of the IBM Server Authentication Entries, injecting them seamlessly when needed, and eliminating the need to remember and re-enter a user name and password for each CONNECT to a remote DB.