



RAZ-LEE

iSecurity DB-Gate

Transparent Access to any Database

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iSecurity

About Raz-Lee

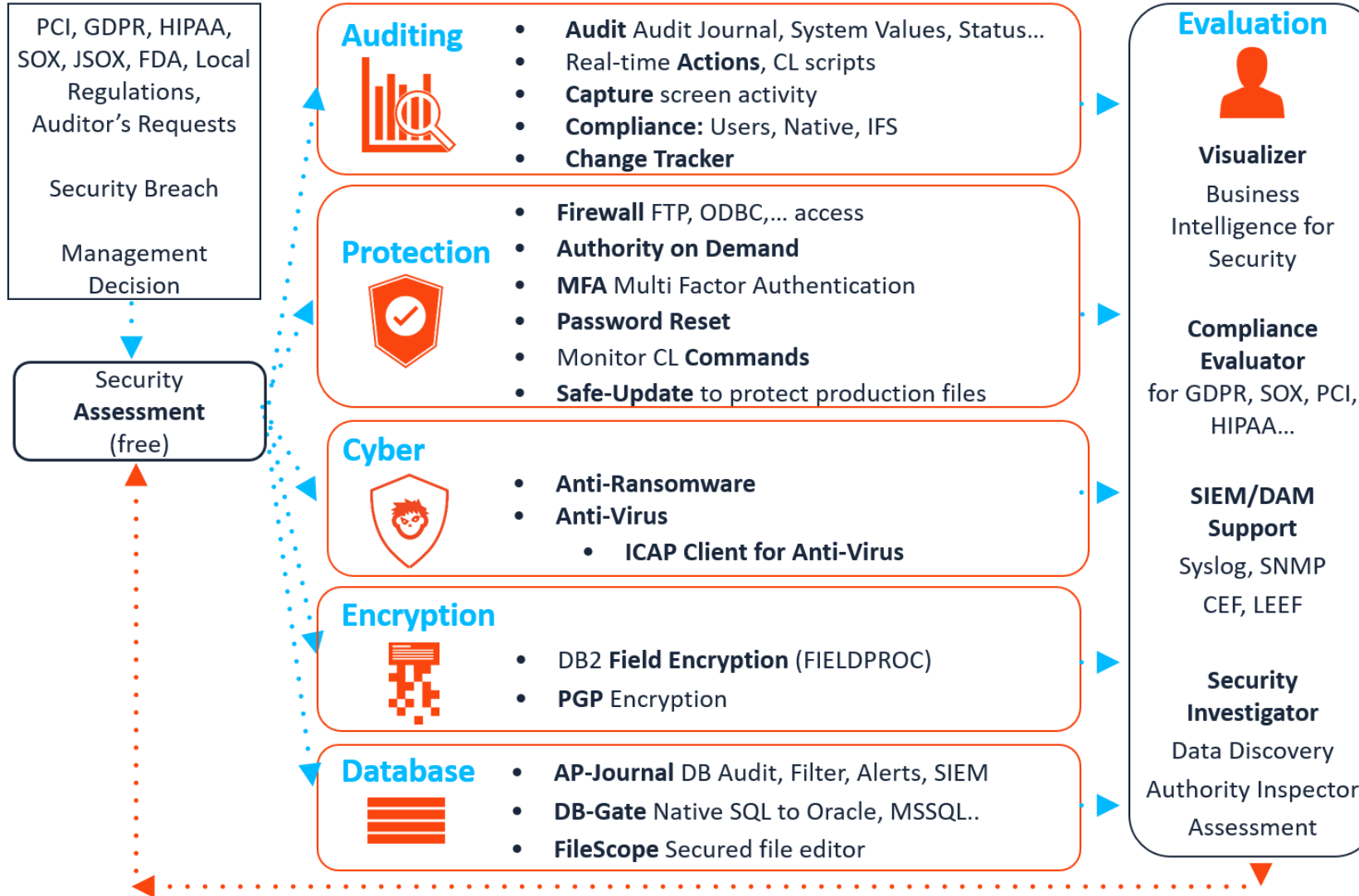
Founded in 1983, Raz-Lee Security is one of the world's leading independent owned cybersecurity and compliance solution providers for IBM i servers (AS/400).

- ✓ Corporate offices in: Israel, USA & Germany
- ✓ Partnerships with major global SIEM & DAM solution providers

Technology Business Partners



iSecurity Suite

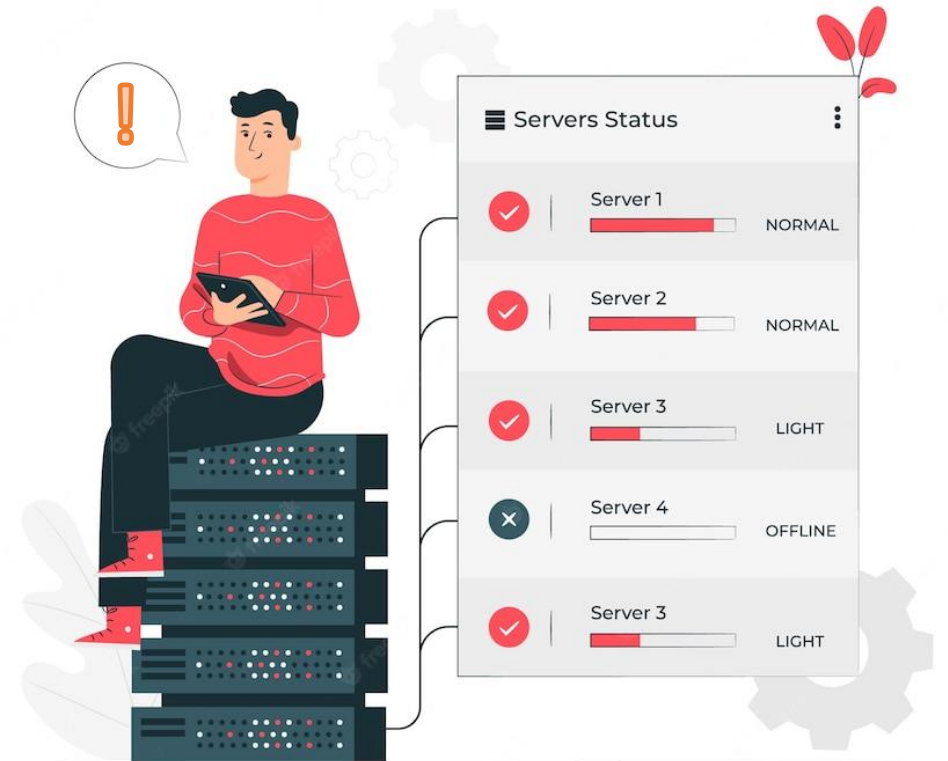


Access to Other Databases from IBM i



As your enterprise applications expand in database requirements and complexity, so does the 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.
- iSecurity DB-Gate empowers IBM i customers with exciting data access capabilities, based on Open Database Connectivity (ODBC), employing standard IBM i facilities to enable fully database-transparent access to remote systems.



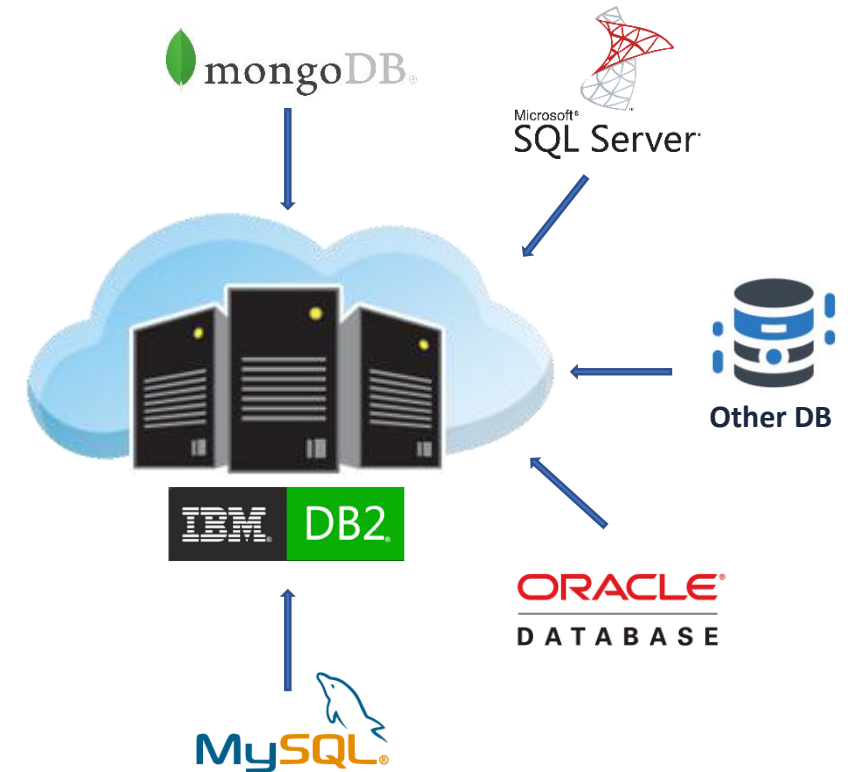
Using ODBC



Using ODBC, you can connect from another system to the AS/400 but not in the opposite direction.

"It's not a big problem talking to another database from an AS/400 Java program,"

But from the most-used languages—like RPG and COBOL—it's not possible to talk with a remote database using SQL. It's not offered by IBM; they don't have this on i.

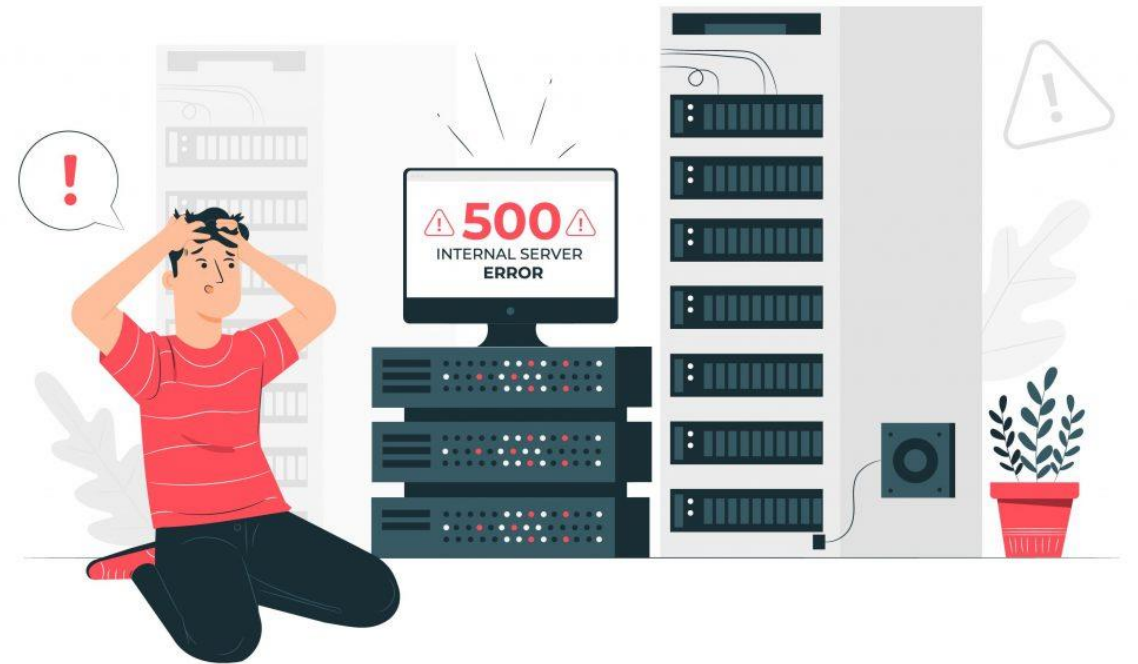


Using DRDA



DRDA (Distributed Relational Database Architecture), which only connects DB2-like databases, limits the possibility of accessing databases that support JDBC, one of the most common methods for inter-system data access.

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



iSecurity DB-Gate at a Glance



The screenshot shows a video player interface. In the top left corner, there is a logo for 'iSecurity DB-Gate for IBM i' and the 'RAZ-LEE' logo. The main content of the video is a diagram on a black background. On the left, the text 'IBM i' is displayed in large blue letters, with 'Reach all your data from the IBM i' written below it in orange. A central white arrow points from the 'IBM i' text to a central point, from which multiple white arrows radiate outwards to various database logos. These logos include MySQL, Microsoft SQL Server, Firebird, ORACLE, mongoDB, MariaDB, elasticsearch, cassandra, and PostgreSQL. Each database logo is accompanied by a small orange icon of a database cylinder. In the top right corner of the video player, there are 'Watch later' and 'Share' buttons. In the bottom left corner, there is a 'MORE VIDEOS' link and a progress bar showing '0:13 / 0:57'. In the bottom right corner, there are icons for 'CC', 'YouTube', and a full-screen button.

[View Video](#)

iSecurity DB-Gate



Using native SQL on the IBM i, users can connect to specific files on DB2 and non-DB2 remote databases without any special hardware or software on the remote DB

From interactive STRSQL and from any standard program in RPG, Cobol, C, or other languages, access is now easier and more natural than ever.

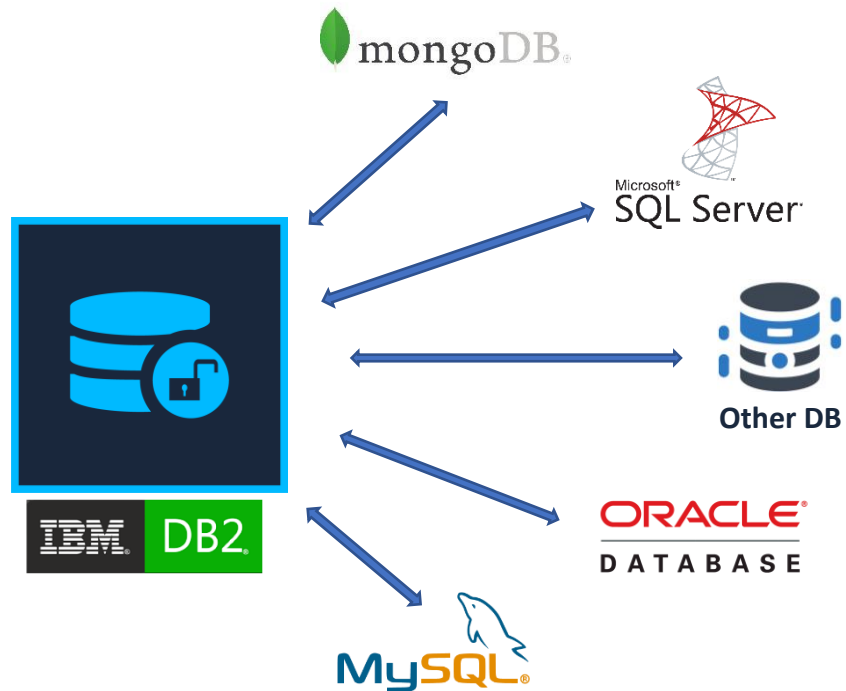
Our Solution:

- Expands programmer's capabilities working with non-DB2 databases
- Reduces the need for redundant data and ETL
- Provides detailed traceability logs
- Eliminates the need for *SQLPCK, even when accessing another DB2 database (including one on the IBM i)

DB-Gate Possibilities



How it Works? As simple as you don't need anything else.



DB-Gate can work in “Server Mode” as either an Internal or External server

- Internal Server: A server subsystem needs to be started
- External Server: Removes load off of the IBM i as installed and started from a PC

DB-Gate vs RDB Connect Comparison



	DB-Gate	RDB
Based On	SQL	API
Simplicity	High	Low
Works with STRSQL	Yes	No
Standard SQL in RPG, COBOL, C	Yes	No
Doesn't require manipulation for each field by an API	Yes	No
Integrates with Server Authentication	Yes	No
Supports Excel, CSV	Yes	No
High Level Activity Log	Yes	No
Multilanguage Support	Yes	No

DB-Gate vs ODBC



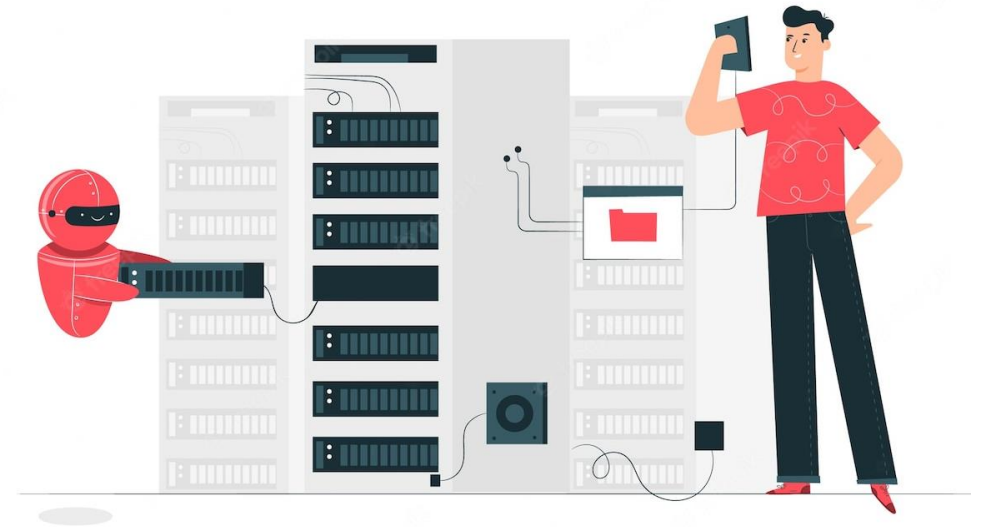
	DB-Gate	ODBC
Connection initiated by	IBM i	PC
Programming Languages	RPG, Cobol, C	.NET, C#, VB
Programmer Experience	IBM i	Windows
Program runs on	IBM i	PC
Resources consumed on	IBM i	PC

Requires no API, no HW/SW server, and it runs native on the IBM i, including STRSQL, and CRTSQLxxx, even integrates with Host Server Authentication.

Key Features



- Unique technology enables transparent access to any database (MySQL, ORACLE, MS SQL, DB2, Informix, 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 CRTSQLxxx).
- Native integration with STRSQL enables prompting for remote database Column names and attributes.
- Expands IBM i-based DRDA functionality by enabling transparent connectivity with JDBC databases which support DRDA.
- Use of standard SQL syntax preserves familiar work environment
- OS/400 Server Authentication integration allows for transparent insertion of user name and password defined to a specific remote database definition.





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Thank you

Please get further information at www.razlee.com

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