



## INFORMATION WHERE IT COUNTS

### Secure Access To All Your Company's Data from IBM i

*IQ Connexion*<sup>™</sup> extends the reach of the *NGS-IQ*<sup>™</sup> enterprise reporting and analytics solution from Db2 on IBM i (iSeries, AS/400) to Microsoft SQL Server®, Oracle®, MySQL®, IBM Db2® on other platforms, and PostgreSQL® databases. This module enables you to use *NGS-IQ* to develop queries, reports, spreadsheets, OLAP models, Web reports, and other forms of output from data in all of these popular databases.

*IQ Connexion* extracts remote data and transforms it into Db2 on IBM i so you can work with it in *NGS-IQ* just as you would any other Db2 file. If there are common fields between the original Db2 files on IBM i and the files created by *IQ Connexion*, *NGS-IQ* lets you join them to create valuable reports that bring together important and previously isolated data elements.

This multiple database access feature makes *NGS-IQ* and *IQ Connexion* particularly valuable to IBM i customers who run a mix of business application software on multiple servers and platforms such as Windows, LINUX, AIX, Unix, and IBM z/OS.

### How It Works

Setting up *IQ Connexion* is easy. You simply identify the connections to the data sources you need to access, write and save SQL requests that will extract the data you need, and reference the needed SQL request inside your query. When you submit the query, *NGS-IQ* automatically runs the *IQ Connexion* program,

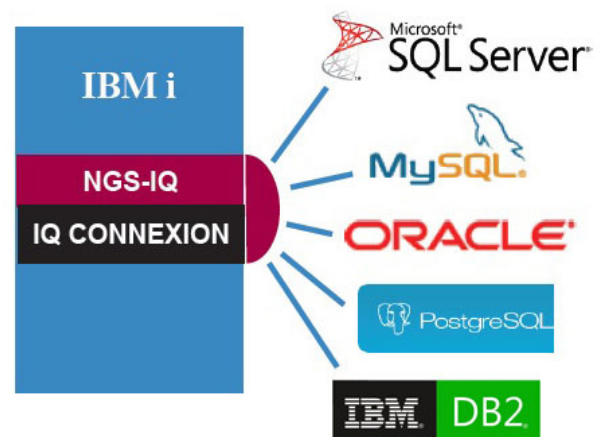
retrieves the requested data and loads it into a Db2 file on IBM i, processes the *NGS-IQ* query, and produces the requested output.

*IQ Connexion* puts the extracted data in the QTEMP library so it is only stored until the end of the session. If you want to retain the data, set *IQ Connexion* to place the file in another library.

### Security

Security is carefully maintained as the user profile running the query must have authority to run the *IQ Connexion* program, connect to the remote data source and database, and run the *NGS-IQ* query that uses the *IQ Connexion* program to extract the data.

If you load the retrieved data into a library other than QTEMP, you can use *NGS-IQ*'s *SeQure*<sup>™</sup> security management module to control access at the file, field





and record level; identify who has authority to change, copy, delete, or run each query; specify who can email or FTP the query output; and specify who can download the query output to a PC file.

### How is *IQ Connexion* Different from *Qport® Access'* Transfer To Host Function?

*IQ Connexion* is one of two remote database transfer functions available to *NGS-IQ* customers. The other is the "Transfer to Host" function in the *Qport® Access* module.

With the *Qport Access* Transfer to Host function, authorized users create Db2 files from data stored in Microsoft Access tables. Using Microsoft Access as the middleware makes sense in many situations because it can import just about any file format, including Excel spreadsheets, CSV, TXT, and others, and it's already installed on millions of users' PCs. Many customers use this function to upload price changes, budgets, mailing lists, customer credit data, and other modest datasets as needed.

In contrast, *IQ Connexion* lets you retrieve remote data in real time whenever you run your query from *IQ Server™*, *Qport Access*, the *RUNIQ* command, or a job scheduling utility. The process is initiated and secured from IBM i and the remote data source, not the desktop. The transferred data can originate in SQL Server, MySQL, Oracle, Db2 on other platforms, and PostgreSQL databases.

*IQ Connexion* and Transfer to Host give you two simple, secure and efficient ways to make critical data available for reporting and analytics.

### Can *IQ Connexion* Help Us Build a Data Warehouse?

You may think of *NGS-IQ* as a query and analytics solution, but with the addition of *IQ Connexion*, you can dramatically simplify cross-platform data integration and the maintenance of a DB2-based data warehouse on IBM i. If your company is looking into data warehousing, please take time to evaluate how *NGS-IQ* and *IQ Connexion* might ease your extraction, transformation, and load (ETL) tasks.

Then, consider how the *NGS-IQ* solution can help your end users, analysts, power users, and executives easily access that data warehouse and produce the reports, OLAP models, spreadsheets, and other types of output they need for strategic and operational planning.

### Summary

Does your company run software on multiple servers, operating systems, and databases?

Do your managers and analysts ever need to pull together data on these different systems to produce reports, respond to auditors, or analyze business trends?

Do you find yourself using different tools to access these different databases?

Do your users complain the data is "stale" by the time it's available to them in the format they want?

Would you like to simplify and speed up the process while maintaining security and performance?

*Then you need NGS-IQ and IQ Connexion.*