



NGS-IO

Query, Reporting, and Analytics for IBM i
(iSeries, System i, AS/400) Users

INFORMATION WHERE IT COUNTS

NGS-IO™ from New Generation Software, Inc. (NGS) is a comprehensive query, reporting, and analytics solution for IBM i users.

Whether you need to write an ad-hoc query, develop a production report, create a spreadsheet, design a Web report, format a multidimensional model, or distribute critical information in a commonly used format, NGS-IO can help you do the job. Here are a few of the capabilities that set NGS-IO apart:

Output Types

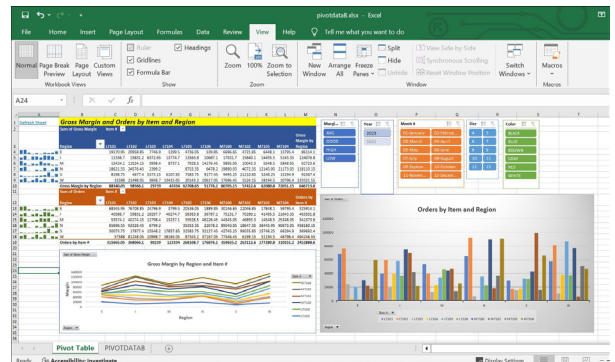
- Microsoft® Excel, Word, and Access
- Graphical, interactive Web reports
- Multidimensional “OLAP” models
- PDF, CSV, TXT, XML, Db2, labels, print
- 5250 and Windows display
- Power BI, SharePoint, OneDrive, and more

User Interfaces

Develop queries in Windows or 5250 interface.
Run queries from Web pages, portals, mobile devices, 5250 panels, CL programs, job schedulers, Windows shortcuts, and hyperlinks.

Query and Report Writing Highlights

- Conditional (if, then, else) calculations
- Summary calculations (Sum A – Sum B, Sum B/Sum C, etc.)
- Run-time prompting for variables and calculation formulas



- Table join wizard to simplify table joins
- One-to-many, union, and exception joins
- Extensive date arithmetic and formatting
- Statistical calculations – count, standard deviation, minimum, maximum, average
- Analytical summaries – rank, running total, percent of total, etc.
- Drill down links from summary values
- Report and file “bursting” via email distribution lists and FTP
- Row selections based on lists stored in Db2 on i
- Interfaces for custom exit programs
- Flexible formatting

Meta Data

- Query statistics and history – creation date, created by, last run by, last changed by, number of times run, and other useful facts
- Query object documentation, including tables, fields, descriptions, and keywords



NGS-IQ Modules

IQ Server™

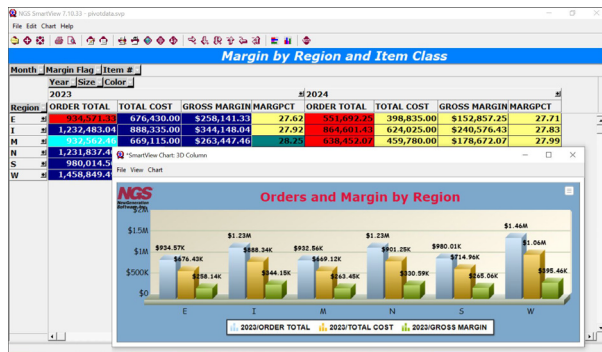
IQ Server on IBM i enables you to extract, sort, select, calculate, manipulate, summarize, format, and distribute reports and files.

IQ Client™

IQ Client provides users with a drag-drop, point-and-click development interface with Web report design features, including charts and drill down.

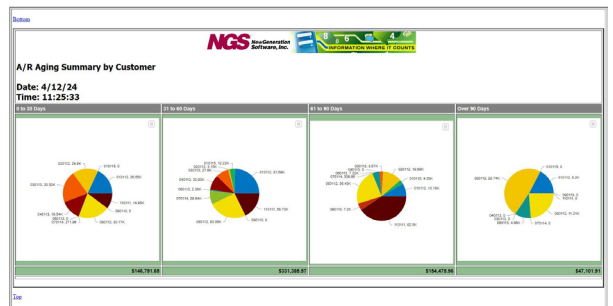
Qport® Access

Qport Access enables Windows users to send query output to Microsoft Excel, Word, and Access as well as Qport SmartView, Power BI, OneDrive for Business, SharePoint, the Windows display, and printers. Users can direct Excel output to workbooks, sheets, ranges, and tables which can refresh existing summaries, charts, and pivot tables.



Qport® SmartView

Qport SmartView is NGS-IQ's online analytical processing (OLAP) module. It provides drag-and-drop formatting, drill down, filtering, calculations, formatting, traffic lighting, 2-D and 3-D graphics, and one-click export to Excel and HTML.



IQ Connexion™

IQ Connexion extends your reach to Microsoft SQLServer®, MySQL®, Oracle®, IBM Db2®, and other data sources so that you can integrate data and create more informative reports.

IQ SeQure™

IQ SeQure is NGS-IQ's optional security and query inventory module. It helps you control users' database and query rights. You can also define the rights to specific NGS-IQ functions such as e-mail and FTP.

IBM Query/400 Migration Support

NGS's "IBM Query/400 API" enables you to run Query/400 queries from NGS-IQ without rewriting or converting the Query/400 objects.

About NGS

NGS is an IBM Business Partner based in Sacramento, California. We support customers in every industry. Please visit www.ngsi.com to learn more. You may also take advantage of our On Demand Video Library where you will find both introductory videos and lessons for developers.