

BDQ Analysis - Technical Data Sheet

BDQ Analysis can help you discover and understand the quality of your data. Its comprehensive data profiling features and integrated analysis management framework will help you enhance, accelerate and de-risk your data analysis activities.

BDQ Analysis is a proven data profiling and analysis product, which can help you quickly gain an accurate and detailed understanding of your data.

Automated column profiling, key, join and dependency testing capabilities allow you to build a comprehensive picture of your data up to 90% more quickly than traditional approaches.

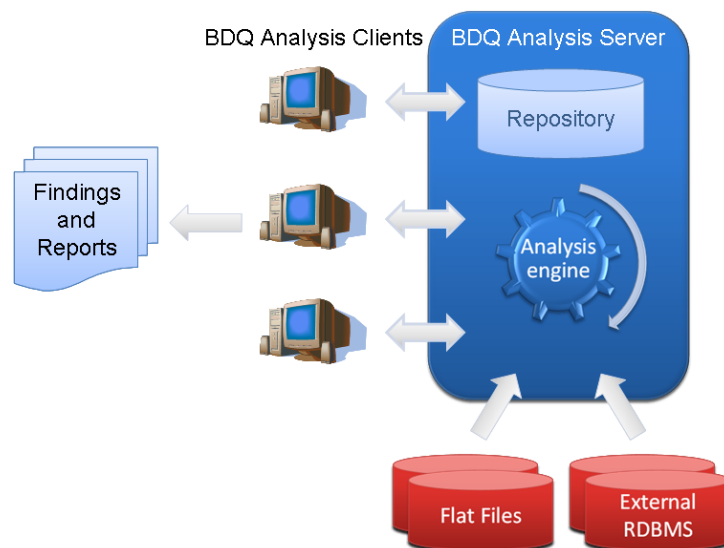
Anomaly detection helps analysts highlight potential areas for investigation and to kick-start the analysis process.

Gain a shared view

Stakeholders often have different perspective on the state of their data; this can lead to incorrect assumptions, unexpected delays and rework.

BDQ Analysis addresses this problem by integrating profile results, analysis findings and management reporting in one place.

BDQ Analysis is a client-server application consisting of two core components:



- **Client(s)** - Integrated end-user interface. Multiple concurrent instances can be deployed anywhere, provided network connectivity to the Server component is available.
- **Server** – Analysis engine and Repository. The Analysis engine manages all analysis processes, stores all analysis results and source data extracts. The repository contains the metadata dictionary, summary result sets, documented findings (issues and notes) and all analysis management information (scope setting, progress tracking, etc.).

Scalable and flexible

BDQ Analysis can be installed in a distributed manner, providing the flexibility and scalability to deal with most corporate infrastructures including multi-user environments, or when teams are located across multiple locations. Alternatively, smaller scale installations (e.g. standalone installation on a laptop) are also possible.

All profiling activity is carried out exclusively on the BDQ Server. Jobs initiated by users are queued and run in parallel with other interactions. Users can continue to work unhindered with other analysis results while new profile runs are executed as background tasks.

Supported Sources

	Windows Server Installations	Unix Server Installations*
Relational Sources	Oracle, DB2, Firebird, ODBC drivers	Clipper, DB2, dBase, FoxPro, Informix, MS SQL Server, MySQL, Oracle, Paradox, Sybase, Teradata
Flat Files	Character delimited (e.g. CSV), Fixed width column, TXT files	
Non-relational Sources+	VSAM, IMS, COBOL	
Business Applications+	Siebel, RPG400, SAP	

*ODBC connectivity through drivers provided by DataDirect Technologies (supplied separately).

+ Non-relational and Business Application Sources require custom connectors. Contact BDQ for further information.

Native or ODBC client drivers, for any relational sources to which direct connectivity is required, should be installed on the machine housing the Server components.

Supported Environments

BDQ Analysis is supported on the following environments:

	BDQ Analysis Client	BDQ Analysis Server
Operating System	Microsoft Windows 2000 Pro or XP Pro	Microsoft Windows XP Pro, Server 2000 and 2003 Solaris 2.10 Red Hat Enterprise 4 Suse 10.2 <i>Note: Other variants of UNIX are available on request (including HP-UX and AIX)</i>
Processor	Intel Pentium 3 class or equivalent	Intel Pentium 4 class or equivalent <i>Note: Multi-processor platforms are supported where available</i>
Memory	512MB (dependent on client workload)	1024MB (dependent on server workload)
Disk Space	100MB	150MB

Minimum recommended configurations provided. Total processor and memory requirements for BDQ components will be dependent on any additional applications and services running on the same machine. Performance improvements may be available if the Server components are installed on a machine offering additional processors and memory.

The disk space requirements listed cover the installation of BDQ Analysis only. Server components should be installed on a partition, or drive that has sufficient free disk space to import the data that is to be profiled. In terms of disk space, approximately 1.5x the size of the raw data source is required for optimal performance.

If a standalone installation is required, the BDQ Server installation includes a copy of the Client components.

Business Data Quality

Business Data Quality is an independent software company providing next generation data analysis and data quality management products.

Our aim is to help organisations realise the true potential of data as a strategic asset through the development of practical data analysis and management solutions.

For further information about BDQ products and services, please contact us at: enquiries@businessdataquality.com

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