



REQUIREMENTS FOR INSTALLATION

Dataflow Clarity

Dataflow Clarity has a very much thinner client architecture than **Dataflow**. Data is only processed locally on the client for the purposes of the user interface and for transmission back to the server.

Dataflow Clarity does not connect directly to SQL Server; all SQL processing – data updates, retrieval, reporting - is carried out on the server side by Dataflow WCF Services.

Dataflow WCF Services are hosted using IIS. Microsoft set the default amount of memory to be available to WCF Services at 5% of the server's total memory. This would need to be looked at in the context of any other software also hosted by IIS on the same server and the total number of clients likely to connect at any one time.

Please contact the Dataflow Support Desk if you require further details on +44 (0)1784 454171 or 0845 456 1020, or email your enquiry to support@dataflow.co.uk

SYSTEM REQUIREMENTS		
	Client	Server
Operating System	Windows 10/11	Windows 2016 – 2025 Server
Processor	Intel Core 2 Duo, 2+Ghz	Fast Multi-Core Processors will improve the performance of your SQL Server and may be required dependent upon requirements of other server applications
RAM	4GB+	Minimum 20GB <i>increased RAM will be required dependent upon requirements of other server applications</i>
File space required	approx. 100 MB	Dependent on data volumes

Others	.NET Framework 4.8+ Edge V4.18362.267.0+ Chrome V76.0.3809.100+ Mozilla Firefox V68+ Adobe Acrobat - PDF viewer Microsoft Office 2013 upwards Scanner to scan Purchase Invoices that have arrived in the post. Optional but recommended, a second monitor for account's staff that match purchase invoices to GRNs	.NET Framework 4.8+ IIS 8+ HTTP or HTTPS protocols can be used. An SSL Certificate is required for HTTPS
Server and client machines to be configured with and successfully using the TCP/IP protocol prior to the installation of <i>dataflow</i> .		

DATABASE ENGINES	
MICROSOFT SQL SERVER* <i>*To be purchased and installed by customer</i>	2016+ (UK version which must be installed with the default UK codepages)

SOFTWARE SPECIFICATION
The maximum number of Sales, Purchase, Nominal and Product accounts is virtually unlimited, however there would be a hardware dependent limitation. Please contact Dataflow Support for further details.

LARGEST VALUES	
per transaction line	±99.99 billion
per account balance	±99,999.99 billion
Exchange rates	6 decimal places (EMU compliant)

STORAGE REQUIREMENTS
100MB per year (approximated; based on 1,000 Sales transactions, 500 Purchase transactions and 500 Nominal journals per month)