



## Hardware and Software Requirements for MiDatabank Version 3.2

### Client Machines:

The minimum specification for Client Machines is as follows:

- Windows XP, Windows 7, Windows 8, Windows 10
- Intel® Pentium® 4, Core 2, or AMD Athlon processor
- 8Gb of RAM or more
- Screen resolution of 1024 x 768 or higher
- .NET Framework 4 minimum
- 150Mb of available hard-disk space minimum
- Network Adaptor

### Server:

Midatabank 3 requires a database hosted on any of the following:

Microsoft SQL Server 2005

Microsoft SQL Server 2008/2008 R2

Microsoft SQL Server 2012

Microsoft SQL Server 2014

Microsoft SQL Server 2016

Microsoft SQL Server 2017

Microsoft SQL Server 2019

### *Running on:*

Microsoft® Windows Server® 2003/2003 R2

Microsoft® Windows Server® 2008 /2008 R2

Microsoft® Windows Server® 2012 /2012 R2

Microsoft® Windows Server® 2016

Microsoft® Windows Server® 2019

Please see the Microsoft website for further information regarding the hardware specifications for the different versions of Microsoft SQL Server on the various versions of Microsoft Windows Server.

If possible, it is recommended that a highly redundant dedicated real or virtual server is used for hosting the SQL database - this should include dual power supplies and RAID 5. Examples of suitable real servers that could be used include HP DL380 or Dell PowerEdge 2950. The exact specification will depend on the anticipated number of simultaneous users, and the volume of enquiries taken.

In addition, a file storage area is used for storing any attachments for an enquiry. For example, a scanned image of a letter or a pdf attachment sent in an email.

### **Size of Database:**

The biggest database to date is about 10 Gb in size and contains roughly 100,000 enquiries. This is for one of the biggest MI centres in the UK and holds several years worth of data. As a starting point, an allowance of 2 Gb is recommended for small centres taking around 20 enquiries per week. For bigger centres taking 100 enquiries or more per week, an allowance of around 10 to 20 Gb is more appropriate.

### **Size of Attachment Storage Directory:**

Size of Attachment Storage Directory: As a starting point, an allowance of 2Gb is sufficient.

Please note that you should allow for a review of storage size after 3 months of usage, and thereafter every year. The review should include the storage size for the database and Attachment Storage Directory. The purpose is to ensure that there is sufficient space for the number of enquiries that are being recorded, and their associated attachments.