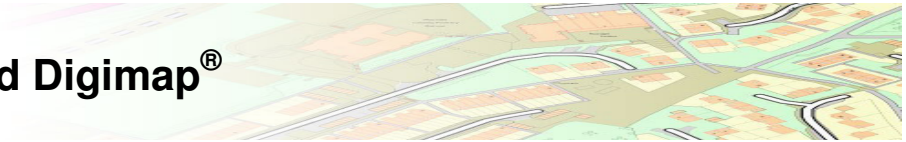


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Hardware Requirements for OS MasterMap

The requirements of hardware associated with use of OS MasterMap will vary considerably from one institution to another depending on what is already available and the workflow that is anticipated. It is also dependent on the choice of software.

The basic requirements for most GIS systems are similar, in that to run they will require a modern processor with a relatively large amount of RAM, at least a 17inch screen and sufficient disk space to hold data locally.

System Requirements:

1) Preferred configuration (for ArcGIS)

OS – Windows XP
Processor: 2.4Ghz
Memory: 512Mb
Disk Space: 160Gb
Screen: 17inch flat screen or 19 inch CRT

2) Minimum recommended configuration (for ArcGIS)

OS – Windows XP
Processor: 1Ghz
Memory: 512Mb
Disk Space: 10Gb (depending on data)
Screen: 17 inch CRT

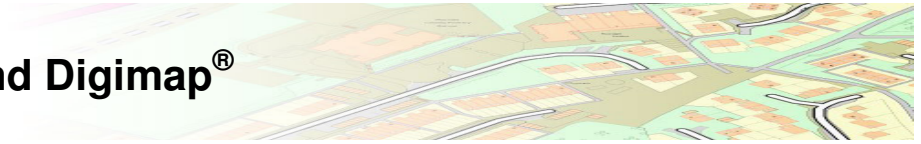
3) Configuration for ArcSDE and Oracle 10 (for larger Geodatabases)

OS – Windows Server 2003 (or Linux, Unix OS)
Other features dependant on individual configuration requirements e.g. number of users, size of database, performance required etc..

4) Network: OS MasterMap data are larger than the current Land-Line data (approximately twice the size of an equivalent Land-Line download). For acceptable download performance a high bandwidth internet connection is preferable. Depending on an institution's current network, improvements to it may incur additional costs.

5) Data Storage: Data storage requirements are considerably larger than for Land-Line. Plus, typically 3-5 times larger once the data is uncompressed. This will have an impact where storage resources are limited. For instance, it is not uncommon for

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students to be limited to 50Mb or even 10Mb of disk space. This accommodates around 40 Land-Line tiles. The equivalent sized OS MasterMap data covers around 12 Land-Line tiles (assuming the use of an ESRI Personal Geodatabase). When calculating storage requirements, it is therefore important to consider what area of OS MasterMap data students are likely to use.