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## APPENDIX A – TECHNICAL REQUIREMENTS

This guide contains the hardware and software requirements for the JATO V5 suite.

### *Hardware*

- Processor: i5, i7, equivalent or better: minimum single core 2.3GHz, but 4-core 2.3GHz is recommended.
- RAM: minimum of 4GB, but 8GB is recommended
- Graphics: minimum of 1280 x 1024.
- Disk: capacity depends on which databases are installed (see below), plus 20GB.

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**Note** A minimum of 50% performance improvement can be gained by using a Solid State Drive (SSD).

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#### **Disk space required for databases**

- Specifications (France, Germany, Great Britain, Italy & Spain): 10GB.
- Model Mix (France, Germany, Great Britain, Italy & Spain): 10GB.
- Specifications & Model Mix (multi-country): 40GB.
- Specifications & Model Mix (others): 5GB.
- Historical Specifications Cars/Commercials (multi-country): 250GB/100GB
- Historical Specifications (Germany, Italy): up to 35GB.
- Historical Specifications (others): up to 25GB.
- Agriculture (multi-country): 10GB.
- Agriculture (others): 5GB.

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**Note** Installing a database will require twice the space of the installed database.

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### *Software*

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**Important Note** Please install all Microsoft updates for the components used by JATO V5 (see the list below). Failure to do so may result in loss of functionality.

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- Windows 7 Professional (32 bit or 64 bit); Windows 8 (32 bit or 64 bit) or Windows 10 (32 bit or 64 bit).
- Windows Server 2012 R2, Windows Server 2016 or Windows Server 2019\* (\***JATO V5.2.5 upwards**)
- Visual Studio 2010 Tools for Office Runtime (VSTO 2010)
- Minimum Microsoft .NET framework 4.6.2

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**Note** In Windows, Microsoft .NET framework 4.6.2 will need to be enabled. If not enabled by default it may be able to be installed using Control Panel/Programs and Features/Turn Windows features on or off and check .NET Framework 4.6.2. Otherwise you will need the Installation package.

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- Microsoft Office 2010 to 2019 32 bit or 64 bit DESKTOP version:

Excel 2010 Professional and Professional Plus DESKTOP version with the following features installed:  
Office Shared Features – Visual Basic for Applications (constantly switched on) *or*

Excel 2013 Professional Plus DESKTOP version with the following features installed:  
Office Shared Features – Visual Basic for Applications (constantly switched on) *or*

Excel 2016 Professional Plus DESKTOP version with the following features installed:  
Office Shared Features – Visual Basic for Applications (constantly switched on).

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Excel 2019\* Professional Plus DESKTOP version with the following features installed (\***JATO V5.2.5 upwards**):  
Office Shared Features – Visual Basic for Applications (constantly switched on).

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**Important Note** Some 'MS Office 365' and 'MS Office Click to Run' versions are not supported. Your IT Department should perform a check to see if required features, especially VBA (constantly switched on) are installed on a system before installing JATO V5.

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- Adobe Reader or similar PDF reader.

### *Administration and Security*

- The Installer must have Local Administrator rights.
- Client e-mail accounts.
- The Customer security Group Policy must recognize, and be able to save, the following file extensions: .JWX, .XLJ, .XXX, .XLS, .CSV, .VAV, .INI, .CONFIG, .EXP, .ENC and .TFF.
- open the following TCP/IP ports on the computer (to allow JATO V5 to communicate with the JATO V5 Database Server):
  - 2155 (for the SQLBase engine service).
  - 808 (to enable the Client(s) to communicate with the Server).

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**Note** These are configurable if necessary.

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- For automatic Licence validation, the JATO V5 CLIAPP.EXE file must have access on port 80 (HTTP).
- Add the following URLs to the trusted list in Group Policy for firewall/antivirus:
  - <https://dataupdate.jato.com> (to allow the databases to be download and updated).
  - <http://defofspecsservices.jato.com> (to access the JATO schema items documentation).
  - <http://licence.jatov4.com> (to enable automatic JATO Licence validation).
  - <https://clientdocuments.jato.com> (to allow Online Help and Volumes Forecast reports to be downloaded that is JATO Licence permitting).
- Make sure following Windows services don't have restricted access (e.g. configure Group Policy):
  - JATO Windows Services: 'JATO V5 Data Update Service', 'JATO V5 monitor Service' and 'Unify SQLBase Server1'
  - Microsoft Windows Service: 'Background Intelligent Transfer Service' (used for Data Update Service)
- If JATO V5 Data Update needs to use a Proxy Server, then the Proxy server Address, Port and username/password details are required.