

Data Freight Ltd
Ulyssys / Propella

Hardware / Environment Specifications

(Effective from March 2005 and subject to change)

The following are recommended **minimum** specifications for running the Ulyssys and Propella software products. All specifications should be discussed with Data Freight before purchase.

1. Servers (one for Ulyssys and one for Propella)

a) Up to 5 Users

2 x Pentium II 550+ Win 2000 server
256 Mb RAM
8 Gb HDD
Tape Backup Unit
VNC and RAS comms software
Modem 56k / Direct Line

b) 6 to 10 Users

2 x Pentium II 700+ Win 2000 server
512 Mb RAM
10 Gb HDD
Tape Backup Unit
VNC and RAS comms software
Modem 56k / Direct Line

c) 11 to 20 Users

2 x Pentium III 700+ Win 2000 server
1 Gb RAM
12 Gb HDD
Tape Backup Unit
VNC and RAS comms software
Modem 56k / Direct Line

d) 21 to 50 Users

2 x Pentium 4 1000+ Win 2000 server
2 Gb RAM
16 Gb HDD
Tape Backup Unit
VNC and RAS comms software
Modem 56k / Direct Line

Notes:

It is recommended that you dedicate one server to the Ulyssys and one server to the Propella database to achieve optimum performance and reduce the possibility of conflicts. You may wish to trial running both databases on one higher-spec'd server initially to save cost.

If the servers and/or client PC's have other software installed, Data Freight cannot be held responsible for software conflicts.

Ensure the server(s) have the ability to upgrade RAM.

It is recommended that high speed disks and disk controllers are used.

It is optional to set up the disks in a configuration that could provide better performance or redundancy (eg. 3 disks, raid arrays). Please discuss with your hardware vendor and advise the database installer of your configuration.

The MSDE version of Microsofts SQL-Server database is provided free with Ulyssys. It is limited to 2GB in size and is optimized for 5 users. Sites that exceed the 2GB restriction will need to purchase SQL-Server licenses. Sites that exceed 5 users may notice some degradation in performance. Please refer to the Microsoft website for current licensing costs the SQL-Server database.

All other databases must be agreed to in writing by Data Freight.

If you have more than 50 users please discuss requirements with Data Freight.

2. Client P.C.'s

Minimum

Pentium II 450+, 64mb RAM and 1 Gb HDD free space, 800x600 resolution monitor
100 Mb/sec Network Card
Windows 95

Recommended

Pentium III 550+, 128mb RAM and 1 Gb HDD free space, 800x600 resolution monitor
100 Mb/sec Network Card
Windows XP

The client PC operating systems supported are:

Win 95 (B)
Win 98, 98SE
Win 2000 Service Pack 4
Win XP Service Pack 1
Win NT4 Service Pack 6
MDAC 2.8

3. E-mail/EDI Gateway Dedicated P.C.

Pentium 1Ghz, 384mb RAM and 2 Gb HDD free space, 800x600 resolution screen
Windows 2000 Service Pack 4
VNC software
IE 6
MDAC 2.8
Modem 56k / Direct Line
E-mail/Fax software (Microsoft Windows 2000 compatible)

4. LAN

TCP/IP
NT / Win 2000
100 Mb/sec network

5. WAN

To be discussed.

6. Printers

Lasers	For printing of all reports. - HP Laserjet 4L or 5SI driver compatible (300 dpi). - Recommended 12 ppm.
Dot Matrix	For printing of Neutral Master Air Waybills (and optionally sea waybills). - Epson FX-100 compatible. - Recommend that the existing tractor feed printers are tested to ensure they work in your new environment.
Labels	For printing of Export Air Labels - Contact Data Freight for more information

7. Windows Setup & Training

Setup	Recommend that a standard profile is adopted and all PC's setup to the standard when installed
Training	Recommend that all users attend a Microsoft Windows course (unless already Windows literate). The Ulyssys and Propella training will take longer, and therefore will cost more, if users are not Windows literate.

8. Typical Responsibilities

Your Data Freight software provider is responsible for installing and training Ulyssys and Propella.

The client is responsible for purchasing, installing and setting up (to a proven working state) the servers, PC's, printers, network, operating systems, backups and databases (if purchased separately).

These responsibilities are assumed unless otherwise discussed and agreed with the implementation team.