

Star System Solutions Pty Ltd

Star Projects and Expense Manager

Environment Guide

For Version 6.x

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Server Configuration Notes:

Recommended Server Configuration for Optimum Performance:

Pentium IV 800 MHz Processor or greater
Win2000 Professional, Win2000 Adv Server, Win2000 Enterprise, Win2003 Server
512Mb Ram (Minimum)
RAID or Mirrored disk configuration is recommended.
5Gb Hard Disk SCSI (available to Project Accounting)
TCP/IP Network Protocol
100Mb/s Network
SQL Server 2000

Processor:

The speed of the processor in the Database server will have a direct bearing on the performance of the system. As long as all other components are within specification, a faster processor will produce better response times.

Memory:

As long as there is sufficient memory in the server to ensure a minimum of disk paging is occurring, there will be limited performance improvement in increasing memory beyond the recommended requirements.

Where a server is running a number of other applications (not recommended) the memory requirements of the other applications must also be taken into consideration.

Note that a number of other server based applications (such as Microsoft Exchange) will, by default, pre-allocate all available free memory resources to themselves at start-up. This may lead to excessive disk paging and reduce the system's performance.

Disk Performance:

Using high performance disk interfaces such as SCSI – 2 or enhanced IDE Mode 5 drives will provide performance improvement during disk-intensive operations such as start-up and large changes. During normal running, the use of client and server memory cache, as well as NT's disk cache will reduce the impact of disk performance changes.

Network Performance:

A 100Mb/s network will provide improved performance and is highly recommended.

Windows Terminal Server, MetaFrame 1.0 or MetaFrame 1.8:

It is not recommended to run the Project Accounting database server on the Terminal or MetaFrame server.

Workstation Configuration:

Recommended Workstation Configuration for Optimum Performance:

Pentium IV 800 MHz Processor or greater

Minimum: Windows 95, 98

Recommended: 2000, XP, Windows NT 4.0 Workstation,

Other: Windows NT Terminal Server Client, Citrix ICA Client

Minimum 128Mb Ram, Recommended 512Mb Ram

10 Mb Hard Disk

TCP/IP Network Protocol

100Mb/s Network

SQL Client Connectivity (from the SQL Server CD)

Configuration Notes:

Processor:

The speed of the processor in the workstation will have a direct bearing on the performance of the system. As long as all other components are within specification, a faster processor will produce better response times.

Memory:

128 Mb of memory will normally be more than sufficient on workstations where Project Accounting is the only major application open at any one time. Where a number of other applications (such as Word and Mail) are open on the desktop at the same time as Project Accounting, significant performance improvement can be gained by increasing memory, especially when switching between applications.

Network Performance:

A 100Mb/s network will provide improved performance where all other parameters are within specification and is highly recommended.