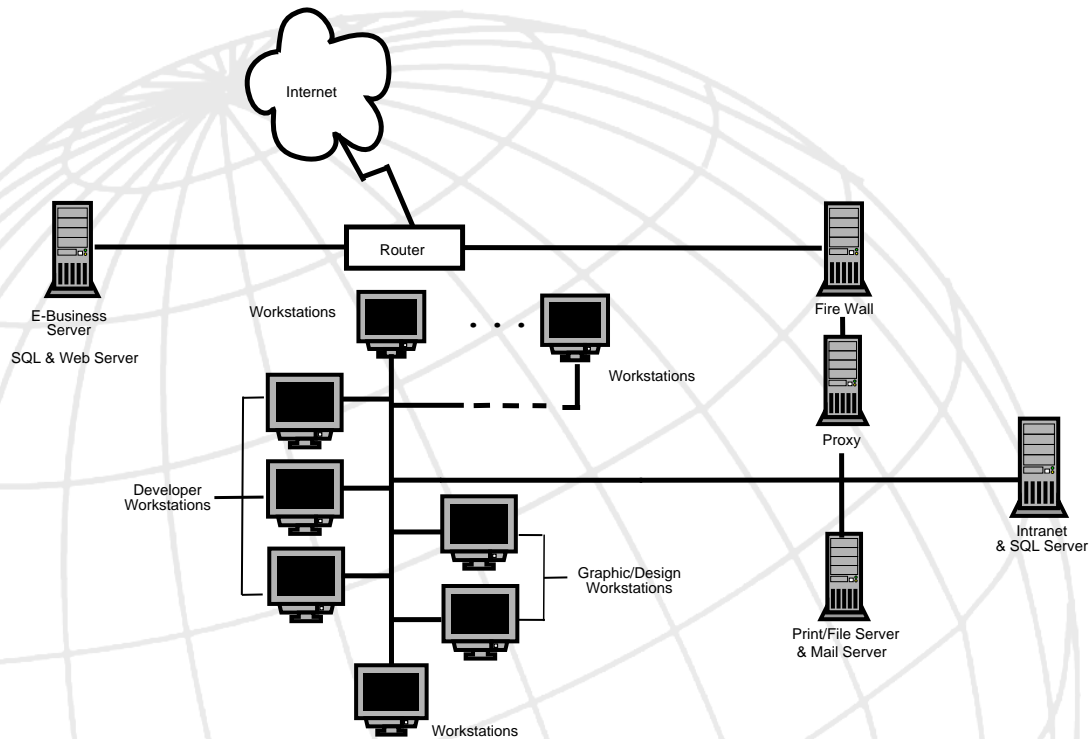


# Appendix 1

## Basic Network Diagram



Please note that the diagram above is only a basic schematic and only accurately reflects the network for the Case Study One with 50 workstation users. Case Study Two has twice as many File & Print servers, and Case Study Three has five times as many File & Print servers.

Further, it is assumed that both the Windows and Linux platform solutions will use exactly the same hardware and the same networking equipment and cabling. Thus, this cost is equal from both solutions, and can be ignored in our case study. It is also assumed that IT professionals will be hired to install and configure all systems, servers, and workstations, so this cost too will be approximately the same between both platform solutions, and can also be ignored.

By way of explanation of the purpose of the servers, the file and print servers are included to provide corporate of file-sharing facilities. The file-server also doubles-up as the mail server, which is used by all users to send and receive internet-standard e-mail. The Intranet server is used to provide the organisation's knowledge repository, portal and groupware requirements, all back-ended by an SQL database. The firewall provides advanced perimeter defence against Internet crackers. The proxy-server is used to provide web-cache and download acceleration functionality. The Internet-visible e-business/e-commerce server provides the client-required communication facilities and web-publishing this organisation needs, also back-ended by a production SQL server.