



F.A.R.B. Software Development LTD.
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Software requirements general:

All employees issued computers must have access to:

1. Email
2. Web browsing (To the internal web site and to the Internet.)
3. Word processing
4. Presentation software
5. Calendar software

For individual departments:

Shipping department:

Access to UPS and FEDex shipping and tracking software (Web based)
Inventory database

Tech Support External:

Access to bug tracking database (Web based)

Marketing:

Adobe Pagemaker
Adobe Photoshop
Macromedia Flash
Professional Videoedit (edit)

Sales:

Contact manager database

Accounting:

Online accounting system
Inventory database
Equipment database

Tech Support internal:

Equipment database

Software development:

Microsoft C++
Java
Adobe Photoshop
Macromedia Flash

There are separate database servers for software product Inventory, Equipment, bug tracking, and contact management. There are also the following servers, email, internal web site, external web site, DNS, DHCP, NAT and print servers.

Each department must be set up on its own subnet. All internal addressing is to be done using private IP addressing. The company has been assigned a single class "C" block of addresses for access to the Internet. All devices that are accessed by more than one department must be located on a single shared private subnet. Devices that need to be connected to the Internet must be on a subnet with public IP addresses. That subnet will have to be allocated from the public addresses assigned to the company.

For cubes, there is a power and network pole at each end of the cube section. The power and network cables will be run separately through the cube walls. The network cable runs can be shown next to the cubes.

Printers in an area or in a particular room can be treated as workgroup printers, but everyone on the network needs convenient access to a printer. There should be a few printers that are available for all employees.