

Networking remote locations using Windward Software products and Microsoft Windows Remote Desktop Services

The file server and terminal server could be separate servers for both redundancy purposes and better load balancing on the network. Splitting the duties of the server are recommended at five or more terminal server users.

INTERNET

Firewall (Router)

Workstation/
W.E.A.R.

Additional location

Firewall (Router)

File server/ terminal server - Windows 2003, 2008 (Standard Edition server)**

Workstation/
Standalone-LAN

Workstation

Switch

Workstation/W.E.A.R.

Workstation

Workstation

Workstation

Firewall (Router)

Database Server*

*if you are using integrated credit card processing, you will need a separate server in order to be PCI Compliant.

Head Office

Head Office will not normally use the Terminal Services component of the server but operates in a client/server configuration. If the internet goes down, head office will still be able to operate and continue to service your customers.

**NOTE: Microsoft Small Business Server (SBS) does not support user based terminal server sessions and can not be used for this purpose
See:
<http://www.microsoft.com/windowsserver2003/>

Windward Software Inc. products used in this network scenario include:

- nine user of Windward System Five
- two licenses of W.E.A.R. (Windward Emergency Area Replication) for retail locations in case of internet failure
- single license of Standalone-LAN for head office in case of server failure
- three departments for departmental reporting and inventory control