access system will vary depending on the nature and organization of your business. Often, this only involves upgrading existing hardware and software. Two options commonly used to implement remote access are: Remote Control and Remote LAN Bridging (sometimes called LAN to LAN connections).

Remote Control

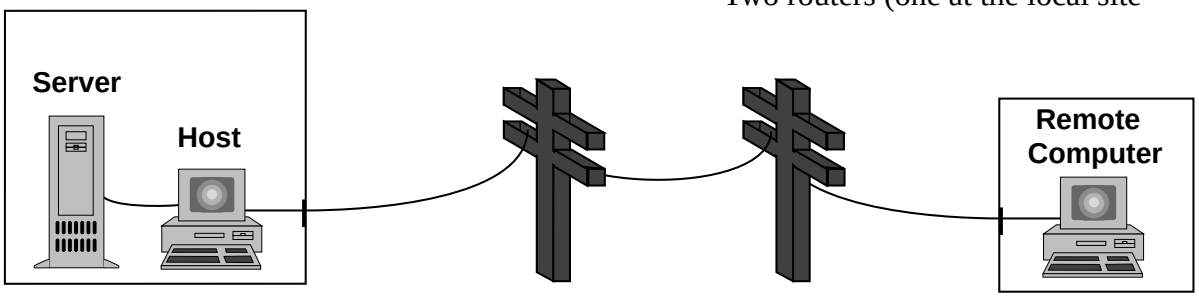
Remote Control allows you to communicate with a "host" computer that could be connected to a Local Area Network. When your computer communicates with the host computer, the two computers synchronize providing you with access to all of the facilities available to the host computer. These include e-mail, software, and data on the host or also stored on a Local Area Network attached to the host. Remote Control also allows you to take advantage of a faster processor or larger memory on the host computer. The only disadvantage to Remote Control is that a computer must be dedicated to serve the host function. Remote Control requires the following components:

- Remote Control software
- Two computers (one at the host site and one at the remote site)
- Two modems (one at the host site and one at the remote site)

Remote LAN Bridge (LAN-to-LAN Connections)

By using a Remote LAN Bridge you can connect directly into the Local Area Network at a remote site, gaining access to the file server without the use of a dedicated Remote Control host. In this case the application software (word processing, spread sheet, etc.) runs on your computer and only data files are sent back and forth to the file server. This can provide a more interactive feel because there is less delay between keyboard entry and screen updates than found with Remote Control. Remote LAN Bridging requires the following components:

- A computer (to send and receive data and run programs)
- A file server (to store data)
- Two routers (one at the local site



Remote Control Access

1544 Kbps. Yet, higher speeds are possible. Frame relay is not intended for voice transmission. However, businesses have successfully used it to reduce their costs on long distance voice calls.

Telephone service plans available for remote access communication are ***dial-up*** and ***dedicated leased lines***.

Dial-up service is ideal for businesses with a limited need to access remote information. Charges for dial-up service occur on a per call basis. Use of a high speed modem may further reduce your telephone costs.

Dedicated leased lines benefit businesses that frequently use remote access communication. Charges for dedicated leased lines are based on a monthly fee.

How "Bits Per Second" Translates into Real Time

	14.4 Kbps	28.8 Kbps	56 Kbps	64 Kbps	128 Kbps	1.544 Mbps
	2.3 minutes	1.2 minutes	35.7 seconds	31.3 seconds	15.6 seconds	1.3 seconds
	18.5 minutes	9.3 minutes	4.8 minutes	4.2 minutes	2.1 minutes	10.4 seconds
	1.4 hours	41.7 minutes	21.5 minutes	18.8 minutes	9.4 minutes	46.6 seconds
	3.5 days	1.7 days	21.4 hours	18.8 hours	9.4 hours	46.6 minutes

Services offered by MOSAIC Business Services

MOSAIC-Business Services offers professional consultation and training on all aspects of improving communications for your home or business office. While carefully considering your business needs, we help you select:

- Remote access hardware and software
- Telephone transmission technology to complement your remote access components
- Telephone service plans to complement your remote access and telephone transmission components

In addition, MOSAIC-Business Services will order and install your remote access components.

For more information, or a FREE initial consultation, contact a professional at MOSAIC at 545-7798.

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