

Internet and Email

Calgary 2004

●What's It All About?

–Internet - Web - Email - News Groups

Presenter - Ken Weaver

- Background - Computer Hobbies since 1977; Trainer in Computer Applications; Diploma - Computer Repair Technician

Introduction

- The Internet.
- What you need to get connected.
- Discussion and Questions.

Agenda

Lets Get Acquainted With the Requirements for Internet Access:

- Hardware
- Software
- Connecting
- Viruses and Security

Vocabulary

- Glossary of terms

Hardware

- **Computers – What do you need?**
- **Modem – Internal or External**
 - External USB or Serial connection
 - Internal PCI or ISA
 - Laptops (may have different connections)
- **Cables to connect hardware to phone line or cable TV connection**

ISP's – Internet Service Providers

- **Your local telephone company**
- **Your local cable company**
- **AOL – On-line America**
- **Others - private providers some offer free internet access, some low cost access, etc**

The Software

- **Browser – web browser for surfing the world wide web (www)**
- **Email – uploading and downloading email**
- **Diallers – dial out to connect PC to the outside network**

Configuring the Software

- **The connecting software will have to be configured according to the ISP directions**
- **ISP: Internet Service Provider**
 - Provides the gateway to connect to the internet
 - May provide you with email and internet storage space
 - TIP. Check out the support they are prepared to give you

Browser Software

- **Software to connect to the phone line or cable TV line**
 - I.E. Internet Explorer and Outlook Express
 - Mozilla
 - Opera
 - Netscape
 - AOL (uses I.E. and Mozilla)
 - The software provided by the modem manufacturer

Email Software (Email Clients)

- **Microsoft Outlook or Outlook Express**
- **Eudora**
- **Pegasus**
- **Web mail (accessed through a web browser)**

Newsgroups

Internet newsgroups—sometimes referred to as the Usenet—are electronic discussion forums. Newsgroups are akin to community bulletin boards upon which people can post notices, but they serve the global community and have no formal membership requirements—anyone on the Internet can read and post messages. No one can accurately count their number, but there are more than 30,000 public newsgroups.

Internet Chat Rooms

- Internet Relay Chat (*IRC*) users convene on "channels" to chat publicly in groups or privately. Think of IRC as a virtual gathering place filled with many separate "chat rooms" that focus on specific topics. Currently, IRC chats are conducted using typed, text messages. Chat rooms are available to any Internet user and are increasingly used for business "conference calls."

Computer Virus and Security Protection

- **Virus: "A program that can "infect" other programs by modifying them to include a, possibly evolved, copy of itself."**
- **Most viruses can also replicate themselves and spread to other computers.**
- **A Virus differs from Trojans, worms, spyware, diallers, etc, in the way they attack your computer system.**

Computer Virus and Security Protection – Solutions

- **Antivirus software**
 - Norton Antivirus - McAfee Antivirus - Other
- **Security Software and Hardware**
 - Firewall software or hardware
 - Ad Aware programs
 - Dialler detection

Other Reasons for Going On-line

- **Download and Upload:**
 - Test, music, picture files, etc
 - Update software and anti-virus software

- **Video Conferencing using:**

- Windows XP Messenger
- [Yahoo Messenger](#)
- iSpQ Video Chat

Alternatives

- **Public Libraries and Web Cafés provide web access**
- **RV parks**
- **On the road? Sharp has a PocketMail portable email device uses 1-800 ph#**
- **PDA's. Personal Digital Assistant**

PocketMail

- **SHARP PocketMail available from Radio Shack and some RV dealers.**

Other Hardware

- **Wire/Wireless Networking**
 - Useful when connection two or more computers to a modem
 - Requires a network card (NIC) for each computer
 - A router is a useful device for connecting computers together while providing a firewall to outside networks like the internet

Summary

- **You have learned about the basics of connection to the internet**
- **You will be able to use this information to browse the world wide web (www), email, send photos, check out other websites for information; i.e. like square dance clubs**
- **Was this short info presentation helpful?**
- **Questions?**

Links

- [Festival 2004 Schedule](#)
- [How the Internet Works](#)
- [Terminology](#)

Where to Get More Information

- **Other training sessions like this one**
- **books, articles, electronic sources**
- **Consulting services, educational facilities, friends, manufacturer web sites, etc**

Hillbilly Terms

- **Log On: Makin' the wood stove hotter.**
- **Log Off: Don't add no wood.**
- **Download: Gettin' the firewood off the pickup.**
- **Hard Drive: Getting' home in the winter season.**
- **Prompt: What you wish the mail was in the winter.**
- **Windows: What to shut when it's below 15 below.**
- **Screen: What 'cha need for the black fly season**
- **Modem: What 'cha did to the hay fields**
- **Software: Them plastic eatin' utensils**