

W.E.B. DuBois Learning Center Telehub Network

Description

The W.E.B. DuBois Learning Center's Telecommunications Hub (Telehub) Network is comprised of:

- A **central hub** (the DLC) where the main servers contain the applications and software that are made accessible to its users. From there feeds are sent out to its *nodes* and *satellites* for *users* to employ. It is also the home of the primary switches, routers and the other necessary networking hardware.
- **Nodes** are the locations that are connected to the Telehub by a Virtual Private Network configuration. Each of them has to have a broadband connection, preferably a DSL connection, to receive the signals in order to relay them to satellites centers via a wireless transmission. Many of them are satellites that use the network themselves and also have the capability to relay signals.
- **Satellites** are the computer centers that receive the signals that enable them to connect to the **central hub**, directly via a **node**, and enable its users or participants to log onto the Telehub and operate with their own "virtual computer," i.e. they will have their own directory, "virtual hard drive" and "virtual memory," housed and operated on the DLC Telehub servers.

Offerings

GENERAL (Benefits)

- Access to the applications & software on our servers
- Automatic access to our applications & software upgrades
- Access to memory and hard drive storage on our servers
- Internet access and the availability of e-mail access
- Access to storage space of files and data
- Individual user accounts and stats

THIN CLIENT

- Freedom from hardware & software maintenance
- Automatic firewall protection
- Centralized upgrades