

7 Layers of the OSI Model

Application

- End User layer
- HTTP, FTP, IRC, SSH, DNS

Presentation

- Syntax layer
- SSL, SSH, IMAP, FTP, MPEG, JPEG

Session

- Synch & send to port
- API's, Sockets, WinSock

Transport

- End-to-end connections
- TCP, UDP

Network

- Packets
- IP, ICMP, IPSec, IGMP

Data Link

- Frames
- Ethernet, PPP, Switch, Bridge

Physical

- Physical structure
- Coax, Fiber, Wireless, Hubs, Repeaters