

THE OSI MODEL

7. Application Layer

- Applications Interface
- File Transfers
- Data Bases
- Electronic Mail

6. Presentation Layer

- Syntax of Data
- Syntax Conversion
- Structure of Data

5. Session Layer

- Applications Programs
- Session Control
- Login/Password Security

4. Transport Layer

- Network Service Definitions
- Quality of Service
- End-to-end Integrity

3. Network Layer

- Network Operations
- Switching and Routing
- Network Addresses
- End-to-end Connectivity

2. Data Link Layer

- Line/Channel Integrity
- Error Checks
- Flow Control
- Link Sequencing

1. Physical Layer

- Connectors
- Timing
- Encoding
- Electrical Specifications
- Optical Specifications