

Introduction to types of wired and wireless devices:

- Networks allow devices to communicate and share data. Based on how devices are connected, networks can be wired or wireless.

1.WIRED NETWORKS:

In wired networks, devices are connected using physical cables (like Ethernet). They offer fast and stable connections, commonly used in offices and labs.

Types:

- LAN (Local Area Network) – connects devices in a small area like a home or office.
- MAN (Metropolitan Area Network) – covers a city or campus.
- WAN (Wide Area Network) – connects networks over long distances.

2.WIRELESS NETWORKS:

- Wi-Fi (Wireless LAN) – used in homes, schools, and public places.
- Bluetooth – for short-range connections between devices like phones and headphones.
- Cellular Networks – used for mobile phones (like 4G, 5G).
- Satellite Networks – used in remote areas and for global communication.