## Factors affecting the choice of topology used

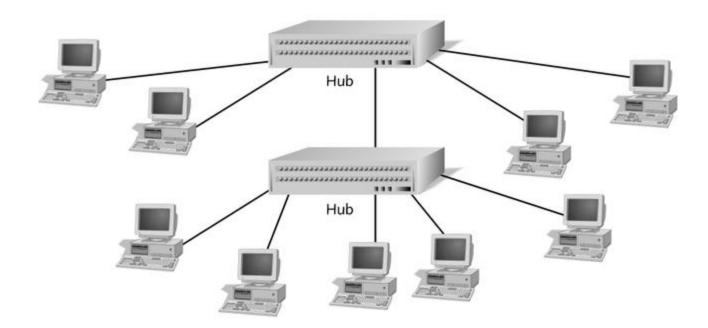
- Impact of cable breakted a network.
- Impact of adding or perioving nodes.
- From of messages.
- Ability to use nodes as repeaters.
- Maximum physical size of the network.
- Amount of cable used.
  - The final choice of topology could be either one or more likely a combination of topologies that depend upon, need, cost, speed, and reliability.

## Multipoint Topology

- Multipoint topologies link three or more devices together through a single communication medium.
- Each device needs a way to identify itself and the device to which it wants to send information (Addressing).
- Multipoint Physical Topologies
  - Star
  - Bus
  - Ring
  - Hybrid

## Hybrid Physical Topologies

- Star-wired bus
  - In a star worked bus topology, groups of werkstations are star-connected to hubs and then networked via a single bus



## Comparison of Topologies - Star

