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LINE CONFIGURATION

- ★ In a network, two or more nodes are connected by a communication link.
- ★ The communication link can be wired or wireless.
- ★ For visualization purpose, links are imagined as a line drawn between two points.
- ★ For communication to happen, two nodes must be connected to the same link at the same time.
- ★ This is called as line configuration or connection.

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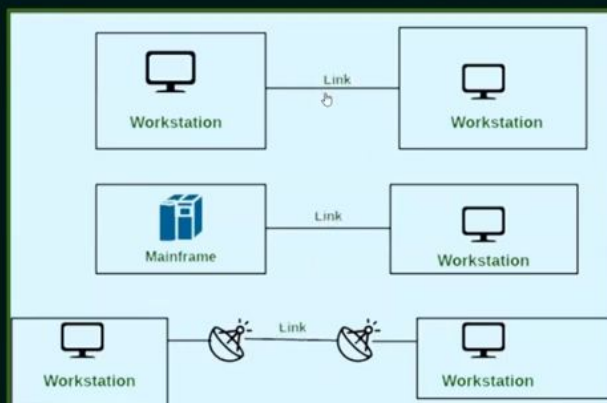
TYPES OF LINE CONFIGURATION

- 1) Point-to-point connection
- 2) Multipoint Connection

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POINT-TO-POINT CONNECTION

- ★ A point-to-point connection provides a dedicated link between two devices.
- ★ The entire capacity of the link is reserved for transmission between those two devices.



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MULTIPOINT CONNECTION

- ★ It is also called Multidrop configuration or Broadcast connection.
- ★ In this connection, two or more devices share a single link.
- ★ Since more than two devices share the link, the capacity of the channel is shared now.
- ★ It can be spatial or temporal.

