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Module: Model Based System Engineering



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Learning Report

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NETWORKING

**Document History**

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TYPES OF NETWORKS:

1. personal area network
   * personal area network is a type of network it will enables the communication between devices which are nearby ( up to 100 meters)
   * PANS can be used for communicating among the personal devices themselves for connecting high level network and internet
   * examples where we used it commonly are computers, smart phones , tablets,
   * Another part of PAN is also present where it is called “WIRELESS PAN”
   * Examples where we use wireless PAN are wireless USB, Bluetooth

1. WIRED AREA NETWORK:

* In earlier the protocol used for WAN are packet-switching exchanges
* Later different protocols came into an existence like TCP/IP, ROUTER, OVERLAY NETWORK, PACKET OVER SONET , MULTIPROTOCOL LABEL SWITCHING , FRAME REALY , ATM…
* Examples of wired area network are school area network, Internet used in it offices