

Many devices are used to create networks.

Digital Devices – Input, Process Output (IPO)

 A device is something that has been made for a particular purpose (it has a special use). -Digital devices use processing (have a process) There is more than just an on-off function. Digital devices have an input, process, output (IPO)

Input: Something that sends a message to the device. E.g. You press a button on the keyboard.



Input Devices: Keyboard, joystick, mouse, web cam, microphone, touch screen, track ball, digital camera.

Process: The device acts on the message. E.g. The computer follows a program that tells it what to do when the keyboard

is pressed.

Output: Something that is sent out by the device. E.g. The letter that you have typed on the screen.



Output Devices: Screen/monitor, printer, headphones, projector, speaker, smartboard.

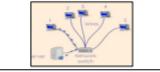
receive information to one another.



network to be connected with each

Server: a computer that manages

network, that sends and receives wireless signals to and from devices.



Why Networks Are Useful

 Computer networks allow us to send and receive information between computers that are in different places.

Networks can help us to communicate guickly and easily.

-Networks can also join computers to shared devices, like scanners and printers.

-The internet is a global network of computers. Imagine how different life would be without the internet!

-If information is shared on a network, it helps to reduce the risk of data being lost, e.g. if one computer breaks.



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Digital Device	Input	Process	Output	Connection	Network	Network Switch	Server	WAP	E-Safety