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Topic : Types of Scanner and its Troubleshooting

➤ Scanner:-

- A scanner, is a device used to analyze an image and process it.
- There are 4 different types of scanners:--
 1. Flatbed Scanners
 2. Sheet-Fed Scanners
 3. Hand-Held Scanners
 4. Drum Scanners

❖ Flatbed Scanner:--



- This is the most common type of scanner.
- It is used for scanning most documents, photos, from a PC or laptop. It works like a copy machine.

❖ Sheet-Fed Scanner:--



- Used to scan paper documents and photos.
- Usually smaller than a flat-bed.
- Portable.

❖ Hand-Held Scanner:--



- Smaller than the previous two scanners.
- The user must move the scanner across the document.
- Image quality is usually lower.

❖ Drum-BedScanner:--



- Used by the publishing industry.
- Document is placed on a glass cylinder.
- Generates very high quality scans.

➤ Troubleshooting:-

✓ Ensure that the scanner is getting power:--

- If your scanner is not getting power, you must check all the scanner's electrical connections. Make sure they are connected properly.
- If the scanner is getting power, you should notice the inside light come on when the power is first received by the scanner.
- After checking the connections, if you still get no power to the scanner, we must contact the manufacturer of the scanner.

✓ Update the drivers:--

- Verify the latest drivers are installed for the operating system that are used on your computer.

✓ Scanner Not Detecting:--

- Check if the scanner is properly connected or not. If not then connect it properly.
- If the scanner is not working in one PC then try it on another pc, if it works in another PC then there might be problem in your PC.

✓ Negative image while scanning:--

- If the image comes out negative (example, white paper becomes black), then select Invert Black and White Images in the Scanner Options. Attempt to make the PDF again.

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