

Device recognition on Windows XP

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When turning on power of printer, Windows sometimes shows the new hardware wizard.

In KIOSK system, we cannot guess the order to turn on power for each device, therefore this issue may occur.

This document clarifies in which case this issue occurs, and defines a method of device recognition including practical use of KIOSK system.

The follows doesn't depend on the printer type and depends on the number of printers.

- Case which needs cautions
When connecting two or more printers on system.
- OK Case
When connecting only one printer and fixing USB port for printers.

Test Result

When Windows has already recognized printers and operation are performed as follows, this section shows what happens to recognition of printers.

	Recognition by INF	Recognition by Printer Driver
PC's power supply is on. Reset printer's power.	NG Windows sometimes shows the new hardware wizard.	OK Not show it.
Printer's power is on. Reset PC's power.	OK Not show it.	OK Not show it
Connect printers on other USB port.	NG Windows shows it.	NG Windows shows it.

Conclusion

By keeping the following conditions, Windows doesn't show the new hardware wizard except on first time.

- Install Printer Driver to recognize a device on WindowsXP. (Don't use only INF file.)
- Fix the USB port to connect printers.