Configuring

Configuring SNMP for printers

Simple Network Management Protocol (SNMP) can be used by RICOH ProcessDirector to connect to a printer. RICOH ProcessDirector supports the following versions: SNMP v1 and SNMP v3.

When using SNMP v1 as a security protocol, communication between RICOH ProcessDirector and a printer is based on the network TCP/IP address or the host name of the printer.
For enhanced security protocol, with three different security levels based on authentication and encryption, use SNMP v3.

To configure SNMP credentials:

1. Click the **Administration** tab.

2. In the left pane, click **Devices ⇒ Printers**.

3. In the **Printers** table, right-click the printer and select **Properties**.

4. On the **SNMP** tab, select one of the available SNMP versions.
   Make sure the **Use SNMP** and **Get tray** properties on the SNMP tab are both set to **Yes**.
   If you are using SNMP v1, all the settings corresponding to SNMP v3 are grayed out.

5. You need to specify the TCP/IP address or the host name of the printer for both SNMP versions.

6. For SNMP v3, three different levels of security are available: minimum, medium, and maximum.

   1. For all SNMP v3 security levels, specify the SNMP user name that RICOH ProcessDirector uses to connect to the printer.

   2. If you use **Medium** or **Maximum** security levels, select the authentication type protocol used on the printer and enter the **SNMP password** for authorization.

   3. If you use the **Maximum** security level, select the encryption type protocol and enter the **Privacy password**.

7. By selecting the **Allow fallback** option for SNMP v3, if RICOH ProcessDirector fails to connect to the printer, a new attempt is made using SNMP v1.

8. Click **OK**.

> 🔽 Note:
> - RICOH ProcessDirector does not support SNMP v3 to connect to TASKalfa, Kodak PDF, and Xerox PDF printers.
> - If you use SNMP v3, make sure the security settings are the same on the printer and in RICOH ProcessDirector.

Parent topic: Configuring to send jobs to a printer that uses RICOH TotalFlow Print server