



# ThinPrint Client

## User's Guide

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## Definitions of Notes

We use the following symbols throughout this User's Guide:



IMPORTANT specifies the operating environment, conditions for installation, or special conditions of use.



Tips icons indicate helpful hints and supplementary information.

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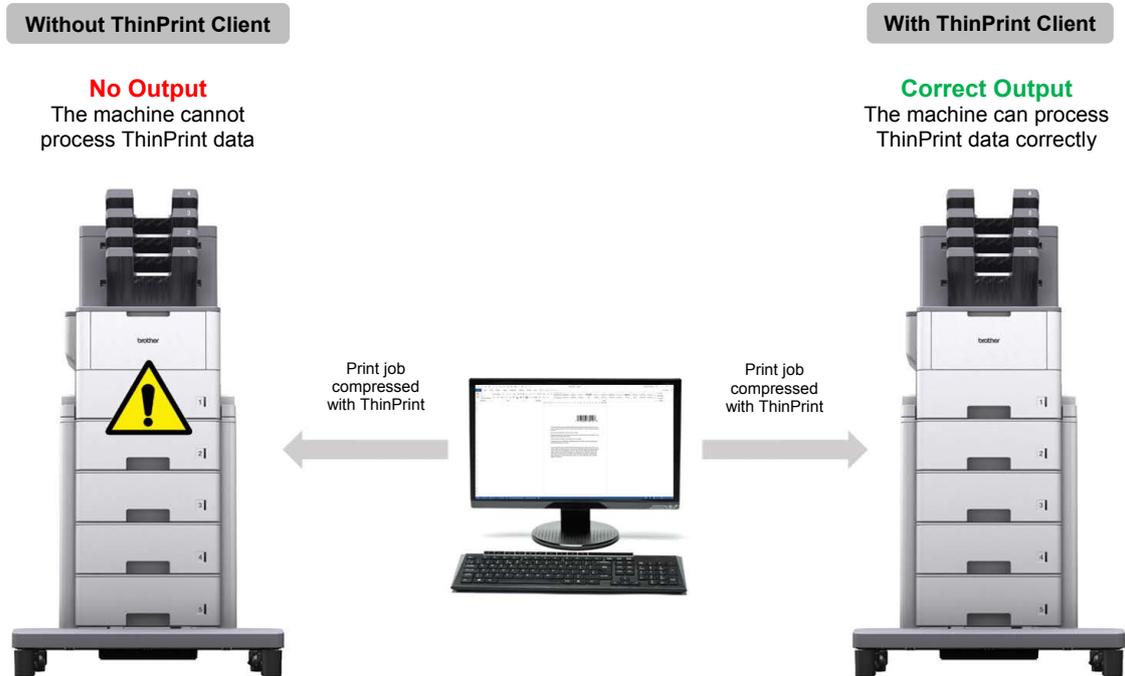
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# 1 Introduction

Brother's ThinPrint Client integration enables select Brother machines to print jobs optimised using ThinPrint technology. The ThinPrint Client ensures successful communication with the ThinPrint Engine.



## Functions and Features

- Compatible with compressed print jobs sent via the ThinPrint Engine
- Supports print job encryption for improved security
- Allows bandwidth and packet size control for seamless operation
- Supports both Brother native drivers and Windows inbox drivers
- Allows configuration of multiple machines using either the Brother Mass Deployment Tool or BRAdmin Professional 4 and JSON files



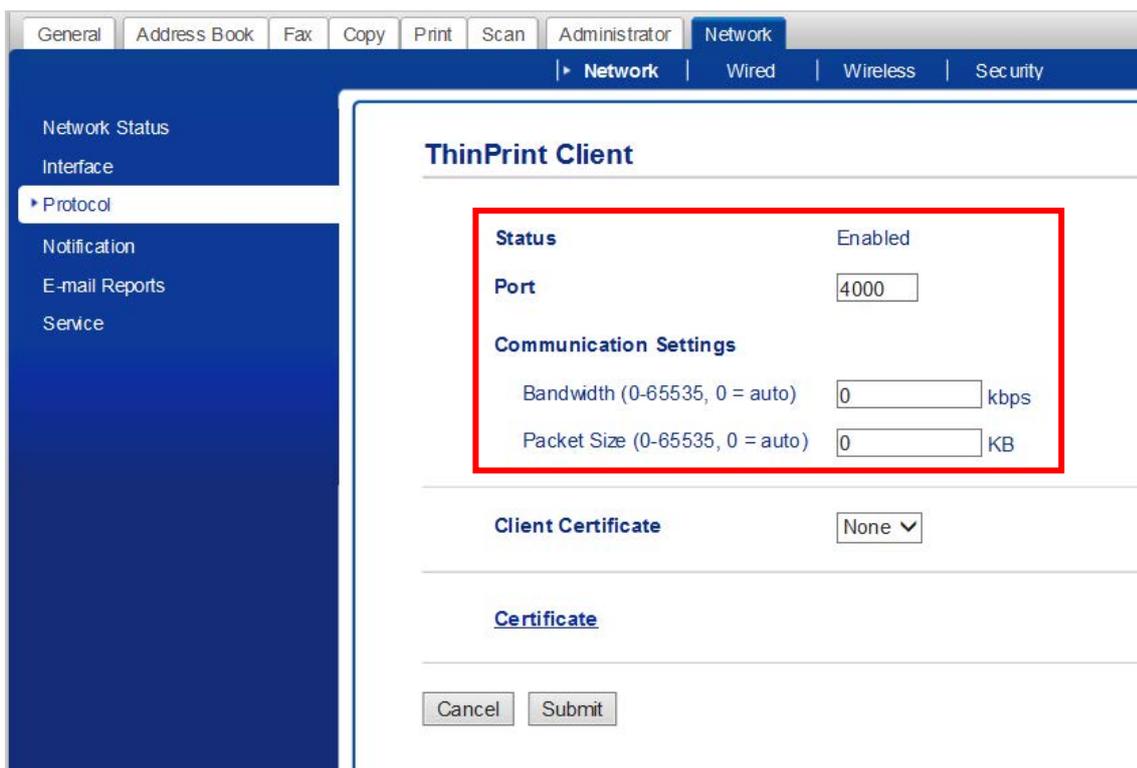
- To activate this solution, you need a valid licence code and software that can send licence codes to target machines. For more information, contact your local Brother office.
  - For a comprehensive list of all Brother machines compatible with the ThinPrint Client integration, see your local Brother website.
  - For more information about ThinPrint, see the documentation on the ThinPrint website.
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## 2 Configuration

### IMPORTANT – For SSL/TLS security

! To establish a secure connection to the ThinPrint Engine using SSL/TLS communication, install a client certificate on your computer. This certificate must be in .x509 format and must be exported with the private key.

1. Start your web browser.
2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the IP address of the machine or the print server name). For example: http://192.168.1.2.
3. If the machine prompts you for a password, type it, and then click .
4. Click the **Network** tab.
5. Click **Protocol** in the left navigation bar.
6. Select the **ThinPrint Client** check box in the **Protocol** list, and then click **Advanced Settings**.
7. Specify the **Port** and the **Communication Settings**.



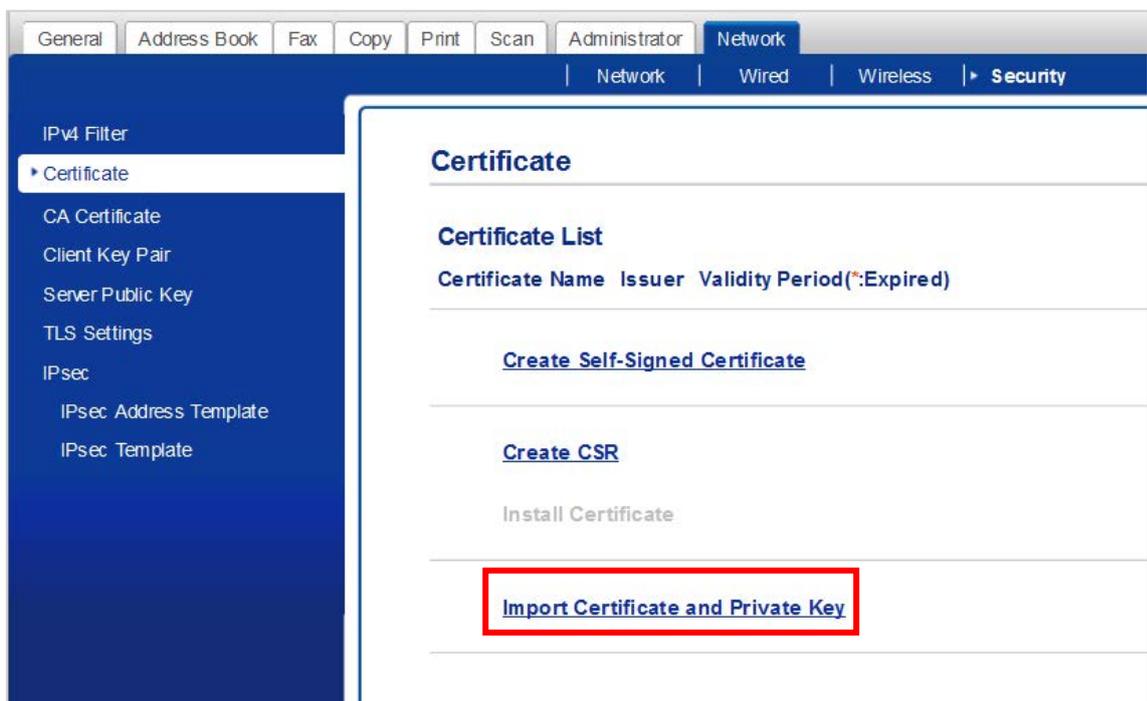
The screenshot shows a web browser window with the following elements:

- Top navigation tabs: General, Address Book, Fax, Copy, Print, Scan, Administrator, Network (selected).
- Sub-navigation: Network, Wired, Wireless, Security.
- Left sidebar: Network Status, Interface, Protocol (selected), Notification, E-mail Reports, Service.
- Main content area: **ThinPrint Client** settings.
- Red box highlights: **Status** (Enabled), **Port** (4000), **Communication Settings** (Bandwidth: 0 kbps, Packet Size: 0 KB).
- Below red box: **Client Certificate** (None).
- Section: **Certificate**.
- Buttons: Cancel, Submit.

Setting	Description	Default Value
Port	Specify the port number to communicate with the ThinPrint server (1–65535).	4000
Bandwidth	Specify the bandwidth to optimise the network traffic between the ThinPrint server and the ThinPrint Client (0–65535). If the specified value is greater than the maximum bandwidth of the ThinPrint server, the server’s setting will be used. To use the server’s bandwidth setting, enter “0”.	0 (server setting)
Packet Size	Specify the packet size to optimise the network traffic between the ThinPrint server and the ThinPrint Client. To use the server’s packet size setting, enter “0”.	0 (server setting)

\* Make sure **Client control - Bandwidth** is enabled on the ThinPrint server when you specify custom bandwidth values in the ThinPrint Client settings.

8. Click **Submit**.
9. If a secure connection between the Brother machine and the ThinPrint engine is required, click **Certificate**.
10. Click **Import Certificate and Private Key**.

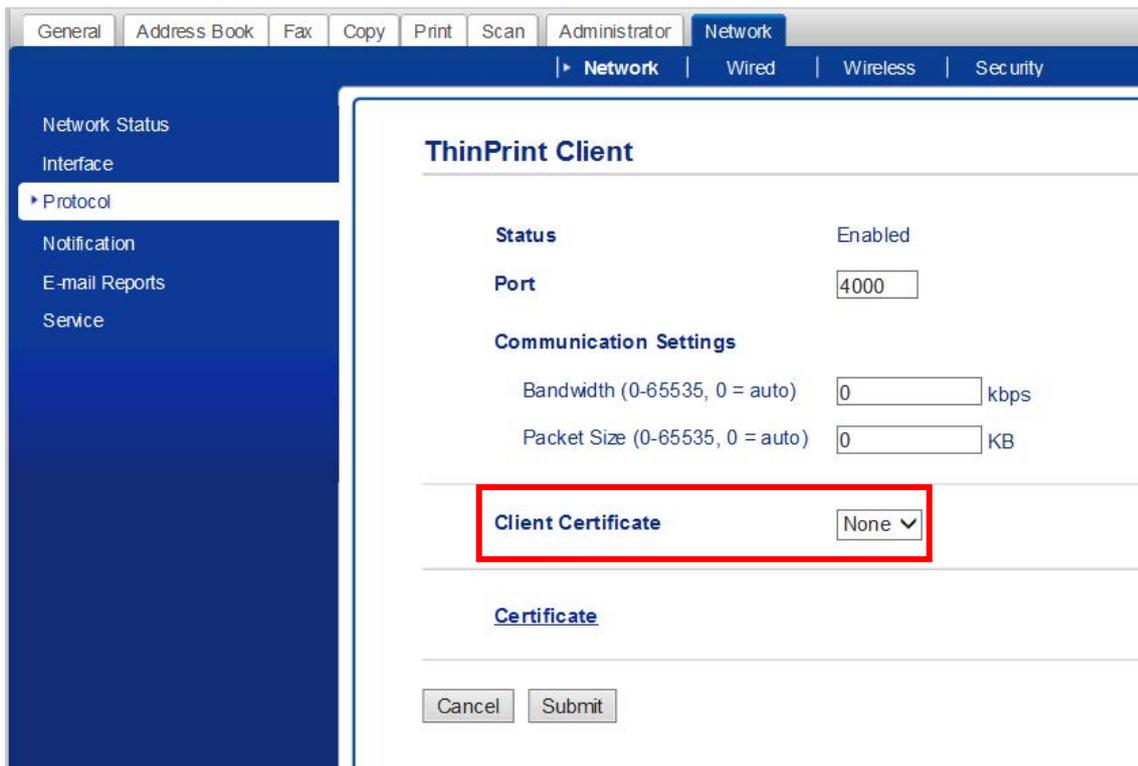


11. Browse to the file you want.
12. Type the password if the file is encrypted, and then click **Submit** to import the certificate to your machine.



Make sure your machine’s date, time, and time zone settings match those of the authentication server. Reset these using Web Based Management or the machine’s control panel if needed.

13. Navigate back to the **Advanced Settings** page, click the **Client Certificate** drop-down list, and select the client certificate to encrypt the connection between the ThinPrint server and the ThinPrint Client.



The screenshot shows the 'ThinPrint Client' configuration page. The left sidebar contains a navigation menu with items: Network Status, Interface, Protocol (selected), Notification, E-mail Reports, and Service. The main content area is titled 'ThinPrint Client' and includes the following settings:

- Status:** Enabled
- Port:** 4000
- Communication Settings:**
  - Bandwidth (0-65535, 0 = auto):** 0 kbps
  - Packet Size (0-65535, 0 = auto):** 0 KB
- Client Certificate:** None (highlighted with a red box)

At the bottom of the page, there is a 'Certificate' section and two buttons: 'Cancel' and 'Submit'.

14. Click **Submit**.



You can also use the Brother Mass Deployment Tool or BRAdmin Professional 4 to configure this software solution. For more information, see the [support.brother.com/manuals](http://support.brother.com/manuals).

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# Appendix 1 – AutoConnect

AutoConnect is a set of commands to automate print management by connecting the ThinPrint server with your Brother machines. This function can use only fixed, case-insensitive values.

Setting	Value	Example
Printer Name	Fixed value (depends on the machine)	"Brother MFC-L6900DW series" (the machine's name, as listed on its Web Based Management page)
Driver Name	Fixed value (depends on the machine)	"Brother MFC-L6900DW series" (the machine's name, as listed on its Web Based Management page)
Class Name	Fixed value: "Brother"	N/A



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