

**MULTIFUNCTIONAL DIGITAL COLOR SYSTEMS /
MULTIFUNCTIONAL DIGITAL SYSTEMS**

Operator's Manual for e-BRIDGE Plus for Google Cloud Print

Preface

Thank you for purchasing TOSHIBA Multifunctional Digital Systems or Multifunctional Digital Color Systems. This guide describes instructions on how to print with Google Cloud Print. Read this manual before using the functions.

■ How to read this manual

□ Symbols in this manual

In this manual, some important items are described with the symbols shown below. Be sure to read these items before using this equipment.

 **WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, serious damage, or fire in the equipment or surrounding assets.

 **CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage to the equipment or surrounding assets, or loss of data.

 **Note** Indicates information to which you should pay attention when operating the equipment.

 **Tip** Describes handy information that is useful to know when operating the equipment.

 Pages describing items related to what you are currently doing. See these pages as required.

□ Target audience for this manual

This is a manual that is aimed at general users and administrators.

□ Screens and Operation Procedures

The details on the screens may differ depending on the status such as the model of the used equipment, the installed options, the OS version and the applications.

□ Trademarks

Google, Google Chrome™ browser, and Google Cloud Print™ web printing service are trademarks or registered trademarks of Google Inc.

Other company and product names given in this manual or displayed in this software may be the trademarks of their respective companies.

USING Google Cloud Print

This chapter provides instructions on how to print documents with Google Cloud Print.

Using Google Cloud Print	6
Notes.....	6
Limitations	6
Checking the network connection of the MFP	6
Acquiring a Google account	6
Installing Google Cloud Print application in the MFP	7
Registering the MFP to Google Cloud Print	8
Print using Google Cloud Print.....	10
Error Messages.....	11

Using Google Cloud Print

Google Cloud Print lets you print using the apps or services supporting Google Cloud Print from anywhere without installing the printer driver on the computer or mobile devices such as a smartphone.

■ Notes

- You need to have a Google account to use Google Cloud Print.
- You need to enable the user authentication function of the MFP and create a user which is used for Google Cloud Print with TopAccess of the MFP. For details on user authentication, refer to the **TopAccess Guide**.

■ Limitations

- The MFP cannot shift to the Super Sleep mode if the Google Cloud Print application (e-BRIDGE Plus for Google Cloud Print) is installed in the MFP.
- If Restriction for Print Job (Only Private, Only Hold, or Only Private/Hold) is enabled in the MFP, Google Cloud Print is not available. For details on Restriction for Print Job, refer to the **TopAccess Guide**.
- The print image and output may differ depending on the print data.
- When sending the print data using Google Cloud Print, the print settings may not be available depending on the devices.
- IPv6 is not available.
- The proxy authentication is not supported.
- When the Google Cloud Print application (e-BRIDGE Plus for Google Cloud Print) is running on the MFP, another application cannot be installed in the MFP. If “The application doesn't exist, or another application is running.” is displayed during the installation of the application, stop the running application using TopAccess, and then restart it after the installation.

■ Checking the network connection of the MFP

The MFP need to be connected to the Internet to use Google Cloud Print.

- You need to open the XMPP (5222) port.
- You need to allow the communication with "*.google.com" in the firewall settings.
- You need to properly configure the proxy settings for your network environment.

■ Acquiring a Google account

You need to have a Google account to use Google Cloud Print. If you do not have a Google account, access the Google web site (<https://accounts.google.com/signup>) to create a Google account. If you already have one, you can use it for Google Cloud Print.

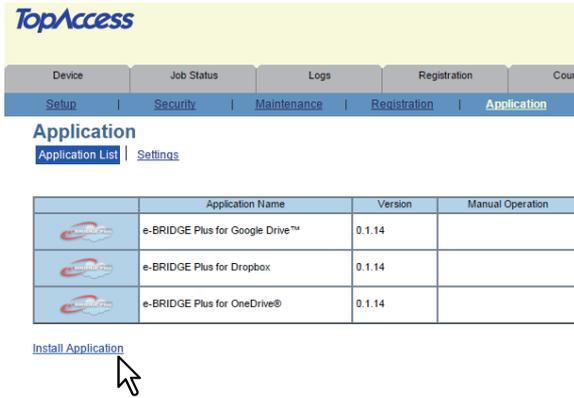
■ Installing Google Cloud Print application in the MFP

Follow the steps below to install the Google Cloud Print application using TopAccess of the MFP.

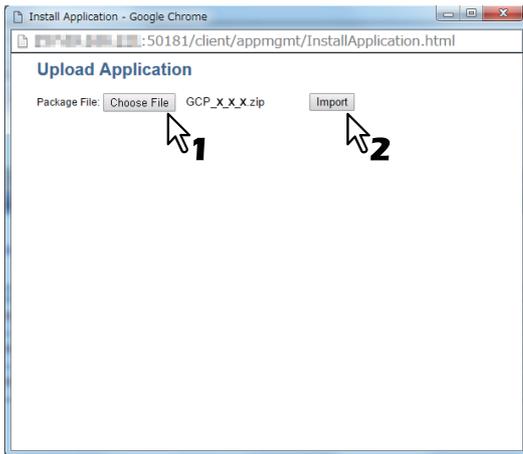
Tip

You need to log into TopAccess as an administrator to install the application. For more information about using TopAccess, refer to the **TopAccess Guide**.

- 1 Select the [Administration] tab > [Application] > [Application List] > [Install Application].



- 2 Click [Choose File] to select the installation file, then click [Import], and then follow the on-screen instructions to complete the installation.



■ Registering the MFP to Google Cloud Print

Follow the steps below to register the MFP to Google Cloud Print using TopAccess of the MFP.

- 1 Select the [Administration] tab > [Application] > [Application List], then click the [Start] button located on the right side of [e-BRIDGE Plus for Google Cloud Print].

	Application Name	Version	Manual Operation	Start Type
	e-BRIDGE Plus for Google Drive™	0.1.14		
	e-BRIDGE Plus for Dropbox	0.1.14		
	e-BRIDGE Plus for OneDrive®	0.1.14		
	e-BRIDGE Plus for Google Cloud Print™	0.3.1	<input type="button" value="Start"/> <input type="button" value="Stop"/>	<input type="button" value="Auto"/> <input type="button" value="Manual"/>

- 2 Select [e-BRIDGE Plus for Google Cloud Print].

	Application Name	Version	Manual Operation	Start Type
	e-BRIDGE Plus for Google Drive™	0.1.14		
	e-BRIDGE Plus for Dropbox	0.1.14		
	e-BRIDGE Plus for OneDrive®	0.1.14		
	e-BRIDGE Plus for Google Cloud Print™	0.3.1	<input type="button" value="Start"/> <input type="button" value="Stop"/>	<input type="button" value="Auto"/> <input type="button" value="Manual"/>

- 3 Click the [Select user] button.

Application
[Application List](#) | [Settings](#)

Google Cloud Print™ Settings

Google Cloud Print™ Information

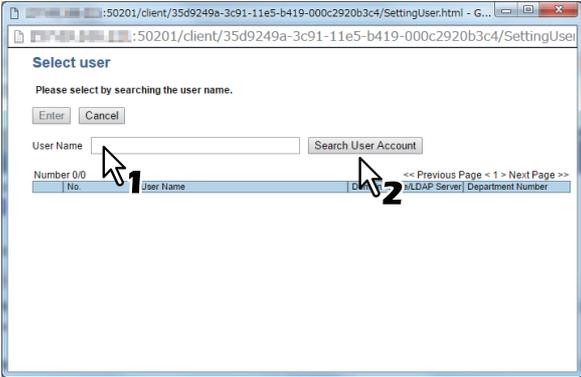
Registration status **Unregistered**

Registration Information

User Name **Unregistered**

Select the user name to be assigned to the Google Cloud Print™ job, then please start the registration of Google Cloud Print™.

- 4 Select a user of the MFP for Google Cloud Print. Enter the search strings in the User Name box, and then click the [Search User Account] button.



Select user

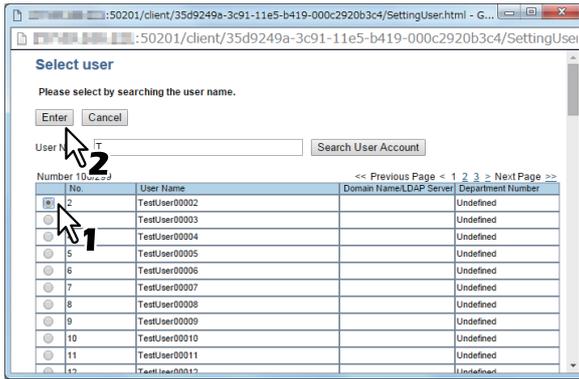
Please select by searching the user name.

User Name

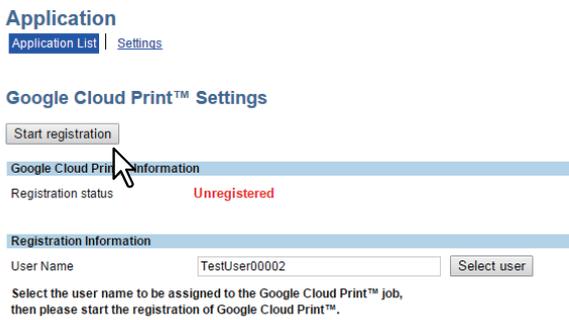
Number 0/0 << Previous Page < 1 > Next Page >>

No.	User Name	LDAP Server Department Number

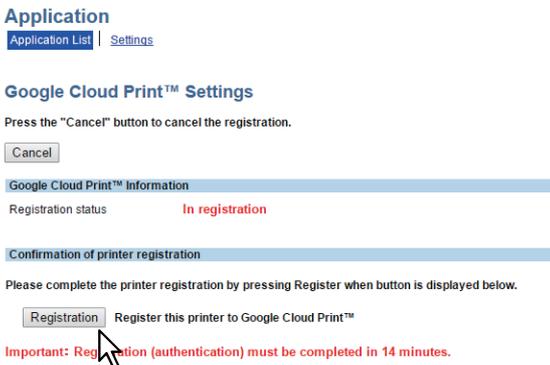
5 Select a user, and then click the [Enter] button.



6 Click the [Start registration] button.

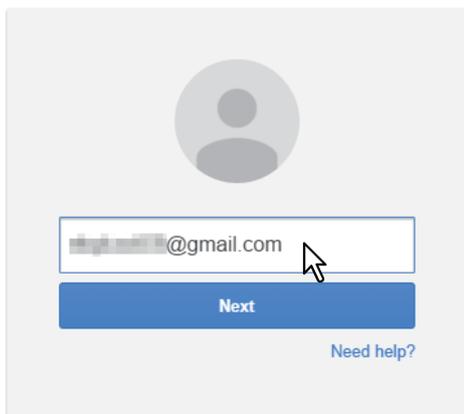


7 Click the [Registration] button.

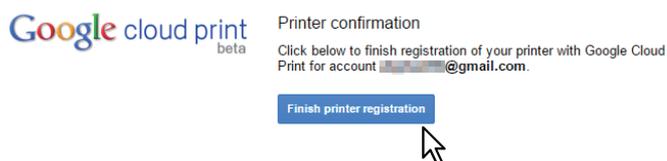


8 Sign in with the Google account.

Sign in to continue to Google Cloud Print



9 Click [Finish printer registration].



Tip

You can make the settings of the MFP such as sharing by accessing the setting page of Google Cloud Print (<https://www.google.com/cloudprint/>).

■ Print using Google Cloud Print

When you send the print data to the MFP registered to Google Cloud Print, the MFP automatically receives and prints them.

- 1 Start the app supporting Google Cloud Print (Google Chrome, etc.), and then select [Print] from the menu.**
- 2 Select the MFP registered to Google Cloud Print, then make the print settings, and then perform printing.**

Tip

- For details on Google Cloud Print, refer to the web page for Google Cloud Print (<https://www.google.com/cloudprint/learn/>).
- When you send the print data using Google Cloud Print, the Google account name is inserted at the beginning of the document name when it is displayed on the MFP.

Message	Measure
The user is not found.	Register a user for Google Cloud Print using TopAccess of the MFP.
Printer registration error. (Printer registration must complete within 14 minutes.)	Perform the registration again, and complete it within 14 minutes.
Printer registration error.	A system error has occurred. Restart the MFP. If the error still persists, contact your service representative.
Not connected to Google Cloud Print. Please check the network settings.	<ul style="list-style-type: none"> • Check that the network settings (IP address, proxy settings, and DNS settings) of MFP are properly configured. • Check that communication with "*.google.com" is allowed in the firewall settings. • Check that the XMPP (5222) port is opened. • Check that the Ethernet cable is connected. • Refer to the Software Troubleshooting Guide "Chapter 6: TROUBLESHOOTING FOR NETWORK CONNECTIONS".
Print error.	<ul style="list-style-type: none"> • Check if the quota set in the MFP is not exceeded. • The storage area for print data might be insufficient. Print again after a while. • Refer to the Software Troubleshooting Guide "Chapter 3: TROUBLESHOOTING FOR PRINTING".
Print restriction error.	Check that the Restriction for Print Job is set to "None" using TopAccess of the MFP. If Restriction for Print Job (Only Private, Only Hold, or Only Private/Hold) is enabled in the MFP, Google Cloud Print is not available. If you set Restriction for Print Job to "None", open TopAccess, then select the [Administration] tab > [Application] > [Application List], then stop [e-BRIDGE Plus for Google Cloud Print], and then restart it.
Application not started.	<ul style="list-style-type: none"> • Open TopAccess, then select the [Administration] tab > [Application] > [Application List], then start [e-BRIDGE Plus for Google Cloud Print]. • Since a system error has occurred, the program has stopped. Stop [e-BRIDGE Plus for Google Cloud Print] using TopAccess, and then restart it. If the error still persists, contact your service representative.
Google Cloud Print service is not available	The Google Cloud Print service is temporarily unavailable. Connect again after a while.
Application settings internal error.	A system error has occurred. Restart the MFP. If the error still persists, contact your service representative.
Application error.	A system error has occurred. Restart the MFP. If the error still persists, contact your service representative.
The received security certificate is not trusted.	The security certificate used for the SSL communication is not installed or has expired. Check the security certificate.
Failed to communicate with the MFP.	The communication with the MFP failed due to powering off of the MFP, etc. Check that the MFP is turned on, and then print again.

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