

User's Guide

Order Supplies



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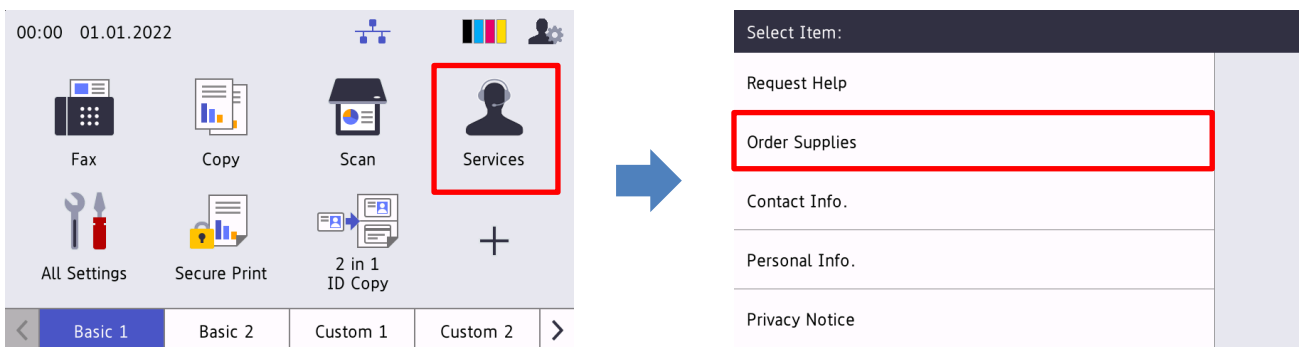
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Background



The Brother “Order Supplies” software solution allows users to quickly order Brother genuine supplies from their network-connected machines. Such orders are then emailed to a designated Brother dealer or IT administrator who can fulfil them according to the requested supply type and quantity.



Features

- Adds the “Order Supplies” button to the machine’s Services menu.
- Customisable maximum number of supplies and accessories allowed per order.
- An optional PIN to prevent unauthorised orders of supplies.
- Customisable user and dealer/IT administrator contact information stored on the machine.
- Quick configuration using JSON files and the Brother Mass Deployment Tool.
- Quick and secure communication via email (SSL or TLS).

NOTE

- To activate this solution, you need a valid license code and software that can send license codes to target machines. For more information, contact your local Brother office.
- For a comprehensive list of all Brother machines compatible with the Brother “Order Supplies” solution, contact your local Brother office.

To configure a service solution component, prepare a correct JSON (JavaScript Object Notation) settings file, and then send it to the target machine using the Brother Mass Deployment Tool.

2.1 Creating and editing JSON files

JSON is an open standard that allows you to specify your own settings without having to understand PCL or PJI commands. Any JSON-supported text editor can be used to create and edit settings files.

JSON file format (Example)

```
{
  "attributes": {
    "software_id": "pns_firmware",      ← fixed value "pns_firmware"
    "setting_version": "",              ← version (operators can use this field for tracking)
    "schema_revision": 4                ← current schema version
  },
  "settings": {
    "network": {
      "protocol": {
        "mail": {
          "mail_enabled": true
        },
        "services_mail": {
          "smtp_server_address": "192.168.0.1",
          "smtp_server_port": 389,
          "smtp_server_authentication_method": "smtp_auth",
        }
      }
    }
  }
}
```

Red:	Setting name
Green:	Setting value

The structure of the “Order Supplies” JSON settings file and the placement of individual setting entries are described in the JSON schema files provided with the Brother Mass Deployment Tool, which is required to send JSON settings files to Brother machines.

The following setting categories are supported:

Category	Description
services_mail	The Services email server settings
contact_info	The details of the recipient of service requests
personal_info	The details of the sender of service requests
privacy_policy	The privacy notice options
order_supplies	The Order Supplies solution’s settings

For a sample JSON file, see Appendix 1.

2.2 Settings

2.2.1 Email settings

Name	Description
smtp_server_address	Specify the SMTP server address. Format: 0.0.0.0.
smtp_server_port	Specify the SMTP server port number.
smtp_server_authentication_method	Specify the SMTP server authentication method. Values: "none", "smtp_auth".
smtp_auth_account_name	Specify the SMTP account name.
smtp_auth_account_password	Specify the SMTP account password.
smtp_ssl_tls_method	Specify the SMTP security protocol. Values: "none", "ssl", "tls".
smtp_verify_server_certificate_enabled	Select whether to enable the CA certificate when using SSL or TLS. Values: "true", "false".
device_email_address	Specify the email address used by the target machine to send service requests.

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2.2.2 Contact information

Name	Description
contact_name	The name of the recipient of service requests (up to 255 alphanumeric characters or symbols).
contact_phone_num	The phone number of the recipient of service requests (up to 20 digits and the following symbols: *, #, -).
contact_email_address	The email address of the recipient of service requests (up to 255 alphanumeric characters or symbols).

2.2.3 Personal information

Name	Description
personal_name	The name of the sender of service requests (up to 255 alphanumeric characters or symbols).
personal_phone_num	The phone number of the sender of service requests (up to 20 digits and the following symbols: *, #, -).
personal_email_address	The email address of the sender of service requests (up to 255 alphanumeric characters or symbols).

2.2.4 Privacy settings

Name	Description
privacy_notice_skip	Specify whether to display the privacy notice before sending a service request. Values: "true", "false".
privacy_policy_url	Specify the privacy notice URL.

2.2.5 “Order Supplies” rules

Name	Description
order_supplies_report_format	Specify the supplies order report format. Values: "plaintext", "xml", "csv".
order_supplies_max_order_quantity	Specify the maximum quantity of supplies the user can order (max: 9).
order_supplies_pin_require	Specify whether the user needs to confirm the supplies order with a PIN. Options: "true", "false".
order_supplies_pin	Specify the PIN required by the user to order supplies (4 digits).
order_supplies_history	Specify whether to display the previous order history before sending the current order. Options: "true", "false".

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2.3 Deploying the configuration file

Use the Brother Mass Deployment Tool to send your newly created JSON file to the target machine to apply the settings.

1. Run the Brother Mass Deployment Tool.

NOTE

Make sure you know which schema file is supported by your model. For a list of available schema files and applicable models, see the README.TXT file in the “schema” folder. You will need this information later.

2. Check that the machine you want is in the list.
If the machine is not in the list, click the **Add devices** button.
3. Select the row of the target machine or machines.
4. Click the **Set file** button. Select the settings file you want to apply, and then click **Open**. The file you selected appears in the Settings File column.
5. If you are applying settings to password-protected machines, enter their passwords in the Device Password column.
6. Select the check box of the machine you want, and then click the **Send** button to finish. If unsuccessful, click the **Open log folder** button and check the log file.

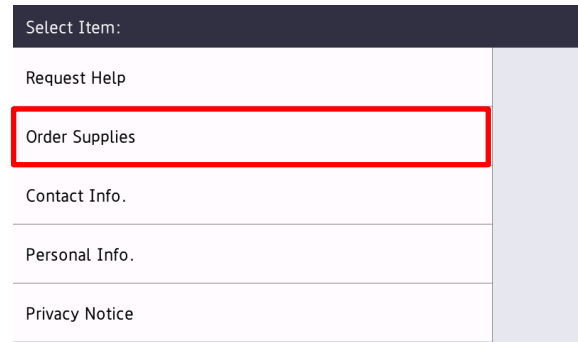
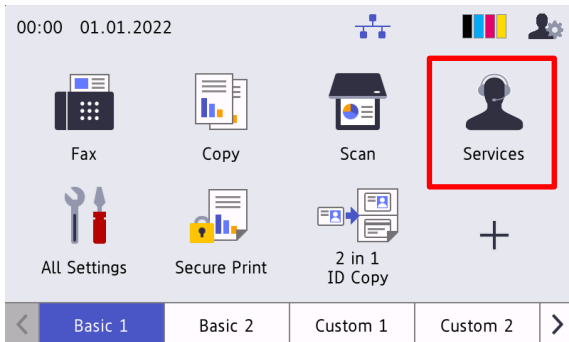
NOTE

- For more information, see the *Mass Deployment Tool User’s Guide* at support.brother.com.
- To remove this software solution and associated personal information from the machine, reset the machine’s settings to the settings originally set at the factory. For more information, see your machine’s *Online User’s Guide*.

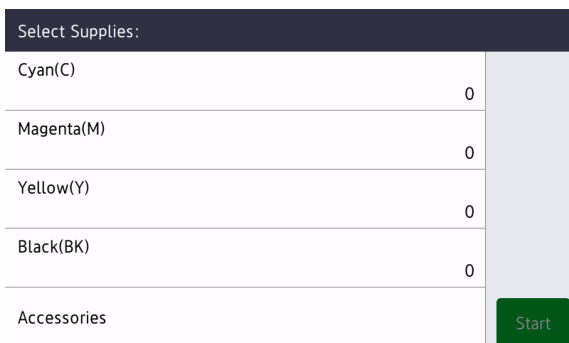
3.1 Ordering supplies from the machine's control panel

If your Brother machine's supplies are running low, you can order new supplies by doing the following:

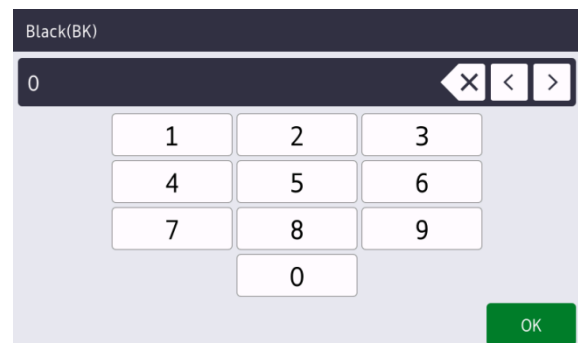
1. On your machine's home screen, press **Services**.
2. Press **Order Supplies**.



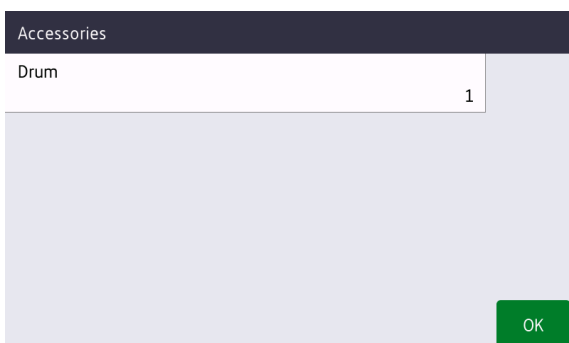
3. Select the required supply items and their quantity.



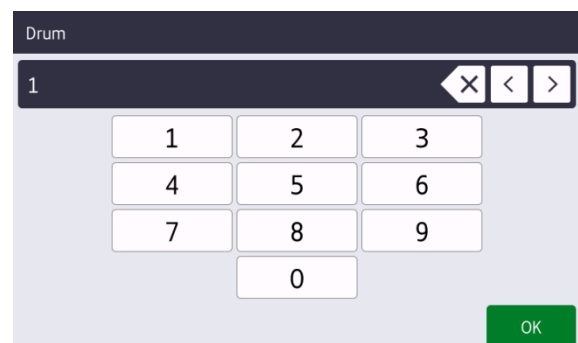
(The supplies and accessories may differ depending on the model.)



4. Select the required accessories and their quantity.



(The supplies and accessories may differ depending on the model.)



5. Press **Start**. If required, enter the PIN provided by your Brother dealer or IT administrator.

Select Supplies:	
Cyan(C)	0
Magenta(M)	0
Yellow(Y)	0
Black(BK)	1
Accessories	

Start

6. Accept the privacy notice and press **OK**.

Privacy Notice

Do you agree to send your machine's information (contains personal data)?
For details, <http://example.com>

Agree **OK**

7. Your order has been placed.

Sending

example@brother.com

Your Brother dealer or IT administrator will confirm your order and the new supplies will be delivered to you shortly. A copy of your request will also be sent to your personal email address.

3.2 Troubleshooting

Problem	Solution
Authenticate Err. (Authentication Error)	Make sure the email settings are configured correctly.
Sending error	Make sure that the machine is connected to the network and the Contact and Personal email addresses are configured correctly.
I want to display the Privacy Notice again	To view the privacy notice again, go to Home Screen > Services > Privacy Notice. If the user has agreed to the Privacy Notice, the "Agree" button will be greyed out.

Appendix 1 – Sample JSON File

```
{
  "attributes": {
    "software_id": "pns_firmware",
    "setting_version": "",
    "schema_revision": 4
  },
  "settings": {
    "network": {
      "protocol": {
        "mail": {
          "mail_enabled": true
        },
        "services_mail": {
          "smtp_server_address": "192.168.0.1",
          "smtp_server_port": 389,
          "smtp_server_authentication_method": "smtp_auth",
          "smtp_auth_account_name": "account_name",
          "smtp_auth_account_password": "account_password",
          "smtp_ssl_tls_method": "ssl",
          "smtp_verify_server_certificate_enabled": true,
          "device_email_address": "account2@example.com"
        }
      },
      "channel_service": {
        "contact_info": [
          {
            "contact_name": "dealer2",
            "contact_phone_num": "000-000-000-000",
            "contact_email_address": "dealer2@example.com"
          }
        ],
        "personal_info": [
          {
            "personal_name": "custom2",
            "personal_phone_num": "2222-2222-2222-2222",
            "personal_email_address": "custom2@example.com"
          }
        ],
        "privacy_policy": {
          "privacy_notice_skip": true,
          "privacy_policy_url": "http://example2.com"
        },
        "order_supplies": {
          "order_supplies_report_format": "plaintext",
          "order_supplies_max_quantity": 5,
          "order_supplies_pin_require": true,
          "order_supplies_pin": "1111"
        }
      }
    }
  }
}
```

brother
at your side