imageRUNNER ADVANCE
6075/6065/6055

Notification of New and Enhanced Functions
Additions and enhancements have been made to the functions of the machine. After reading this notice, store it with the manuals for your machine.

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Precautions When Performing System Upgrades

Automatic Reset of Change Default Settings

When performing a system upgrade, if the first two digits of the controller version are equal to or higher than ‘20’, changes to the following default settings are reset.

- **[Access Stored Files] → [Mail Box] → [Send]**
  - File format setting
  - Settings for Options

- **[Fax/I-Fax Inbox] → [Memory RX Inbox] → [Memory RX Inbox] → [Send]**
  - File format setting
  - Settings for Options

If you have changed the default settings, confirm the settings before upgrading the system, and specify the settings again after you have completed the system upgrade.

**NOTE**

- To check the controller version, from the control panel, press [Counter Check] → [Check Device Configuration].
- The default settings for both [Access Stored Files] and [Fax/I-Fax Inbox] are as follows:
  - File format setting: PDF (Compact)
  - Settings for Options: No settings
Changes Regarding Optional Products

Additional Optional Products

The following additional optional products are available to enhance the functions of the machine.

- **Copy Card Reader-F1**
  The Copy Card Reader-F1 performs Department ID Management by using the control card.
Changes Regarding Settings/Registration

Settings/Registration Table

**NOTE**
Device Information Delivery settings are displayed as shown below. For information on the Device Information Delivery mode, see e-Manual > Security.
- Yes: Device Information Delivery available
- No: Device Information Delivery not available

**Added Items**

- **Preferences: Timer/Energy Settings**
The following items have been added:

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restrict Auto Reset Time</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>p. 9</td>
</tr>
</tbody>
</table>

- **Preferences: Network**
Items in bold type have been added to [IPSec Settings] and [SNMP Settings].

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Can be set in Remote UI</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IPSec Settings</strong>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>p. 9</td>
</tr>
<tr>
<td>Register: IKE Settings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IKE Mode</td>
<td>Main/Aggressive</td>
<td>Main</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Authentication Method</td>
<td>Pre-Shared Key Method/Digital Sig. Method</td>
<td>Pre-Shared Key Method</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Auth./Encryption Algorithm: Manual Settings</td>
<td>Auto/Manual Settings</td>
<td>Auto</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Authentication</td>
<td>SHA1, SHA2</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Encryption</td>
<td>3DES-CBC, AES-CBC</td>
<td>3DES-CBC</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>DH Group</td>
<td>Group 1 (762), Group 2 (1024), Group 14 (2048), ECDH-P256, ECDH-P384</td>
<td>Group 2 (1024)</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Register: IPSec Network Settings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Validity: Time</td>
<td>1 to 65,535 minutes</td>
<td>480</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Validity: Size</td>
<td>1 to 65,535 MB</td>
<td>65535</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PFS</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Auth./Encryption Algorithm: Manual Settings</td>
<td>Auto/Manual Settings</td>
<td>Auto</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Authentication</td>
<td>SHA1, SHA2</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>ESP</td>
<td>ESP (AES-GCM), AH (SHA1)</td>
<td>ESP</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>ESP Settings</td>
<td>ESP Authentication</td>
<td>SHA1, NULL</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>ESP Encryption</td>
<td>3DES-CBC, AES-CBC, NULL</td>
<td>3DES-CBC</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Connect. Mode</td>
<td>Transport, display only</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Changes Regarding Settings/Registration

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Can be set in Remote UI</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SNMP Settings</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use SNMP v. 1</td>
<td>On, Off</td>
<td>On</td>
<td>Yes</td>
<td>Yes</td>
<td>p. 15</td>
</tr>
<tr>
<td><strong>Dedicated Comm. Settings</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dedicated Community</td>
<td>On, Off</td>
<td>On</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>MIB Access Permission</td>
<td>Read/Write, Read Only</td>
<td>Read/Write</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Use SNMP v. 3</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td><strong>User Settings</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User On/Off</td>
<td></td>
<td>-</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Register</td>
<td>User Name/MIB Access Perm./Security Settings/Authent. Algorithm (DES, AES)/Encryption Password</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
<td>p. 15</td>
</tr>
<tr>
<td>Details/Edit</td>
<td>User Name/MIB Access Perm./Security Settings/Authent. Algorithm (DES, AES)/Encryption Password</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td></td>
<td>-</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

*1 Indicates items that appear only when the IPSec Board is attached.

#### Adjustment/Maintenance: Adjust Action
The following items have been added to [Adjust Fold Position]:

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjust Fold Position</td>
<td></td>
<td>0.00 mm</td>
<td>No</td>
<td>p. 16</td>
</tr>
</tbody>
</table>

*1 Indicates items that appear only when the Booklet Finisher is attached.

#### Function Settings: Common
The following items have been added to [Generate File]:

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generate File</td>
<td>Do Not Specify, 1.5, 1.6, 1.7</td>
<td>Do Not Specify</td>
<td>Yes</td>
<td>p. 16</td>
</tr>
</tbody>
</table>

#### Function Settings: Printer
The items in bold type have been added.

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restrict Printer Jobs</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

On Setting: Select Jobs to Allow Reserve Job, Reserve Job and Secured Print

|                     | Reserve Job                                                                      | Reserve Job     | No                                    | p. 17          |
### Function Settings: Send
The following items have been added to [E-Mail/I-Fax Settings] and [Fax Settings]:

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Autocomplete for Entering E-Mail Addresses</td>
<td>On, Off</td>
<td>On</td>
<td>Yes</td>
<td>p. 17</td>
</tr>
<tr>
<td>Fax Settings**1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use Authentication User Name as Sender Name</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>p. 18</td>
</tr>
</tbody>
</table>

**1 Indicates items that appear only when the Super G3 FAX Board or Remote Fax Kit are available for use.

### Function Settings: Store/Access Files
The following items have been added to [Mail Box Settings]. [Memory Media Settings] has also been added.

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mail Box Settings</td>
<td>Limit Box PIN to 7 Digits/Restrict Access: On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>p. 18</td>
</tr>
<tr>
<td></td>
<td>Display Print When Storing from Printer Driver: On, Off</td>
<td>On</td>
<td>Yes</td>
<td>p. 19</td>
</tr>
<tr>
<td>Memory Media Settings</td>
<td>Use Scan Function: On, Off</td>
<td>On</td>
<td>Yes</td>
<td>p. 20</td>
</tr>
<tr>
<td></td>
<td>Use Print Function: On, Off</td>
<td>On</td>
<td>Yes</td>
<td>p. 20</td>
</tr>
</tbody>
</table>

### Set Destination
The following items have been added:

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Require Password for Exporting Address Book</td>
<td>On, Off</td>
<td>Off</td>
<td>Yes</td>
<td>p. 20</td>
</tr>
</tbody>
</table>

### Management Settings: Device Management
The items in bold type have been added.

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate Settings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certificate Settings: Generate Key: Generate Network Communication Key</td>
<td>Key Name: 24 characters maximum (NULL)</td>
<td>SHA1</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Signature Algorithm</td>
<td>SHA1, SHA256, SHA384, SHA512</td>
<td>SHA1</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Key Algorithm</td>
<td>RSA</td>
<td>RSA</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Key Length (bit)</td>
<td>512, 1024, 2048, 4096</td>
<td>S12</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Audit Log Retrieval</td>
<td>On, Off</td>
<td>Off</td>
<td>No</td>
<td>p. 22</td>
</tr>
<tr>
<td>Format Encryption Method to FIPS 140-2**1</td>
<td>On, Off</td>
<td>Off</td>
<td>No</td>
<td>p. 22</td>
</tr>
</tbody>
</table>

**1 Indicates items that appear only when the IPSec Board is enabled.
Deleted Items

**Function Settings: Common**
The following items have been deleted from [Scan Settings].

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting Description</th>
<th>Default Setting</th>
<th>Device Information Delivery Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scan Settings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remote Scan Data</td>
<td>High Ratio, Normal, Low Ratio</td>
<td>Normal</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Restricting Changes to Auto Reset Settings

If you set this function to ‘On,’ general users become unable to operate the following functions:

- [Auto Reset Time] in [Preferences] (Settings/Registration) (See e-Manual > Settings/Registration)
- [Function After Auto Reset] in [Preferences] (Settings/Registration) (See e-Manual > Settings/Registration)

1. Press (Settings/Registration) → [Preferences] → [Timer/Energy Settings] → [Restrict Auto Reset Time].

Security Policy Encryption Algorithm to Register in IPSec Settings

The authentication and encryption algorithms to be used for [IKE Settings] and [IPSec Network Settings] when registering a new security policy for [IPSec Settings] have been changed. The procedure for setting [IKE Settings] and [IPSec Network Settings] is described below.

**IMPORTANT**
This mode is available only if the IPSec Board is installed.

**NOTE**
For instructions on registering a security policy in [IPSec Settings], see e-Manual > Network.

1. Press (Settings/Registration) → [Preferences] → [Network] → [TCP/IP Settings] → [IPSec Settings] → set <Use IPSec> to ‘On’.
3 Press [IKE Settings] on the registration screen \(\rightarrow\) select the mode to use for IKE Phase 1.

- **Main**: Sets the main mode. Security is robust as the IKE session itself is encrypted.
- **Aggressive**: Sets the aggressive mode. Encryption is not performed and the IKE session speeds up.

4 On the IKE Settings screen, specify the authentication method to use for IKE Phase 1.

To select the pre-shared key method, prepare a pre-shared key. To select the digital signature method, register a CA certificate (see e-Manual > Security), and install a key pair file and certificate file (see e-Manual > Remote UI), in advance.

**Setting the Pre-Shared Key Method:**

- Press [Pre-Shared Key Method] for <Authentication Method> \(\rightarrow\) [Shared Key] \(\rightarrow\) enter the pre-shared key.
### Setting the Digital Signature Method:

- Press [Digital Sig. Method] for <Authentication Method> → [Key and Certificate] → select the key pair to use → press [Set as the Default Key] to register the key pair to use for IPSec.

You cannot set 'Device Signature Key' or 'AMS' (for access restrictions) as the key pair to use.

#### IMPORTANT

If you select a key pair that is using the RSA-MDS or RSA-MD2 signature algorithm, when you set IPSec communication to comply with FIPS (Federal Information Processing Standardization) 140-2, policies with this key pair set are disabled. (See "Using an Encryption Method that Complies with FIPS 140-2 (Format Encryption Method to FIPS 140-2)," on p. 22.)

#### NOTE

- You can check the content of a certificate by selecting a key pair on the Key and Certificate screen, and pressing [Certificate Details]. On the Certificate Details screen, you can press [Certificate] to verify the certificate.
- You can check what a key pair is being used for by selecting a key pair with 'Using' displayed for <Used> on the Key and Certificate screen, and pressing [Display Use Location].
5 On the IKE Settings screen, select the algorithm for the authentication and encryption to use for IKE Phase 1.

Specifying the Authentication and Encryption Algorithm:

- Select [Manual Settings] for <Auth./Encryption Algorithm> to specify the authentication and encryption algorithm to apply to the IKE SA.

- SHA1 for <Authentication>: Select to set SHA1 (Secure Hash Algorithm 1) for the authentication algorithm. 160-bit hash values are supported.

- SHA2 for <Authentication>: Select to set SHA2 (Secure Hash Algorithm 2) for the authentication algorithm. 256-bit and 384-bit hash values are supported.

- 3DES-CBC for <Encryption>: Select to set 3DES (Triple Data Encryption Standard) for the encryption algorithm, and CBC (Cipher Block Chaining) for the encryption mode. 3DES takes longer to process because it performs DES three times, but enables increased encryption strength. CBC links the encryption result of the previous block with the next block to make it harder to decipher the encryption.

- AES-CBC for <Encryption>: Select to set AES (Advanced Encryption Standard) for the encryption algorithm, and CBC for the encryption mode. AES supports encryption keys with a key length of 128, 192, or 256 bits. As the supported key lengths are long, it enables increased encryption strength. CBC links the encryption result of the previous block with the next block to make it harder to decipher the encryption.

- Group1(762) for <DH Group>: Select to set Group 1 for the DH (Diffie-Hellman) key exchange method. In Group 1, 762-bit MODP (Modular Exponentiation) is supported.

- Group2(1024) for <DH Group>: Select to set Group 2 for the DH key exchange method. In Group 2, 1024-bit MODP is supported.

- Group14(2048) for <DH Group>: Select to set Group 14 for the DH key exchange method. In Group 14, 2048-bit MODP is supported.

- ECDH-P256 for <DH Group>: Sets the ECDH (Elliptic Curve Diffie Hellman) key exchange method with a 256-bit key length.

- ECDH-P384 for <DH Group>: Sets the ECDH key exchange method with a 384-bit key length.
Automatically Setting the Authentication and Encryption Algorithm:

- Select [Auto] for <Auth./Encryption Algorithm>.

The priority for the authentication and encryption algorithms is indicated below.

<table>
<thead>
<tr>
<th>Priority</th>
<th>Authentication Algorithm</th>
<th>Encryption Algorithm</th>
<th>DH Key Exchange Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SHA1</td>
<td>AES (128-bit)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SHA2 (256-bit)</td>
<td>AES (192-bit)</td>
<td>Group 2</td>
</tr>
<tr>
<td>3</td>
<td>SHA2 (384-bit)</td>
<td>AES (256-bit)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SHA1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>SHA2 (256-bit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>SHA2 (384-bit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>SHA1</td>
<td>3DES</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>SHA2 (256-bit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>SHA2 (384-bit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>SHA1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>SHA2 (256-bit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>SHA2 (384-bit)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6 On the Register screen, press [IPSec Network Settings] → specify the SA validation time and validation type, and PFS (Perfect Forward Security).

[Time] and [Size] for <Validity>: Specify the validation period for the generated IKE SA and IPSec SA. In IPSec communications to which a valid security policy is applied, packets can be sent and received without conducting key exchange negotiations. Make sure to set either [Time] or [Size]. If you set both, the SA becomes invalid when the value set for either [Time] or [Size] is reached.

[On] for <PFS>: If you enable the PFS function, you can increase the confidentiality because even if one encryption key is exposed to a third party, the problem does not spread to other encryption keys.

[Off] for <PFS>: If you disable the PFS function, if one encryption key is exposed to a third party, other encryption keys may be able to be guessed. If you set <PFS> to 'On', the destination for PFS communication must also have PFS enabled.
On the IPSec Network Settings screen, select the algorithm for the authentication and encryption to use for IKE phase 2.

Specifying the Authentication and Encryption Algorithm:

- Set the algorithm for the authentication method.

The authentication and encryption algorithms you can set are indicated below.

<table>
<thead>
<tr>
<th>Authentication Method</th>
<th>Description</th>
</tr>
</thead>
</table>
| [ESP]                 | <ESP Authentication>  
|                       | [SHA1]: Select to set SHA1 as the algorithm for the ESP authentication method. 160-bit hash values are supported.  
|                       | [NULL]: Select to not set the algorithm for the ESP authentication method.  
|                       | <ESP Encryption>  
|                       | [3DES-CBC]: Select to set 3DES for the ESP encryption algorithm, and CBC for the encryption mode. 3DES takes longer to process because it performs DES three times, but enables increased encryption strength. CBC links the encryption result of the previous block with the next block to make it harder to decipher the encryption.  
|                       | [AES-CBC]: Select to set AES for the ESP encryption algorithm, and CBC for the encryption mode. AES supports encryption keys with a key length of 128, 192, or 256 bits. As the supported key lengths are long, it enables increased encryption strength. CBC links the encryption result of the previous block with the next block to make it harder to decipher the encryption.  
|                       | [NULL]: Select to not set the algorithm for the ESP encryption method.  
| [ESP(AES-GCM)]        | Select to set the AES-GCM (Advanced Encryption Standard – Galois Counter Mode) algorithm with a key length of 128, 192, or 256 bits. AES-GCM is an algorithm that performs both encryption and authentication at the same time.  
| [AH(SHA1)]            | Sets SHA1 as the algorithm for the AH authentication method. 160-bit hash values are supported. |

IMPORTANT

If you set IPSec communication to comply with FIPS 140-2, policies with [ESP(AES-GCM)] set for the authentication method are disabled. At the same time, the authentication algorithm for this policy is automatically changed to SHA1 and the encryption algorithm for this policy is automatically changed to 3DES-CBC. (See "Using an Encryption Method that Complies with FIPS 140-2 (Format Encryption Method to FIPS 140-2)" on p. 22.)

Automatically Setting the Authentication and Encryption Algorithm:

- Select [Auto] for <Auth./Encryption Algorithm>.

The ESP authentication/encryption methods are set. The priority for the authentication and encryption algorithms is indicated below.

<table>
<thead>
<tr>
<th>Priority</th>
<th>Algorithm for ESP Authentication Method</th>
<th>Algorithm for ESP Encryption Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SHA1</td>
<td>AES (128-bit)</td>
</tr>
<tr>
<td>2</td>
<td>SHA1</td>
<td>AES (192-bit)</td>
</tr>
<tr>
<td>3</td>
<td>SHA1</td>
<td>AES (256-bit)</td>
</tr>
<tr>
<td>4</td>
<td>SHA1</td>
<td>3DES</td>
</tr>
</tbody>
</table>
Specifying a Dedicated Community with SNMP v.1. Selecting AES for the SNMP v.3 Encryption Algorithm

NOTE
For more information on SNMP settings, see e-Manual > Network.

Specifying a Dedicated Community with SNMP v.1


If you want to add an SNMP v. 3 user

2. Set <Use SNMP v.3> to 'On' → press [User Settings] → [Register] → specify the user name, MIB permissions, and security settings.

If you select [Auth. Yes/Encry. Yes] from the Security Settings drop-down list:

- Select the authentication algorithm from the following → enter the authentication password.
  - MD5
  - SHA1

- Select the encryption algorithm from the following → enter the encryption password → press [OK].
  - DES
  - AES
If you select [Auth. Yes/Encry. No] from the Security Settings drop-down list:
- Select the authentication algorithm from the following → enter the authentication password → press [OK].
  - MD5
  - SHA1

If you select [Auth. No/Encry. No] from the Security Settings drop-down list:
- Press [OK].

Adjusting the Saddle Folding Position of a Sheet (Adjust Fold Position)

You can adjust the paper folding position used when performing saddle folding.

IMPORTANT
This function is available only when the Booklet Finisher is attached.

1. Press (Settings/Registration) → [Adjustment/Maintenance] → [Adjust Action] → [Adjust Fold Position].

2. Select the method for the folding position of paper.
To adjust the position of the Saddle Folding, select the paper size you want to change.

3. Press [▼] or [▲] to adjust the folding position → press [OK].

Specifying the Minimum PDF Version (Specify Minimum PDF Version)

You can specify the minimum version to assign when generating PDF files.

IMPORTANT
This mode enables you to set the minimum version range that can be assigned when generating PDF files. Depending on the functions set for the PDF files, the version assigned may be higher than that specified with this setting.

NOTE
This setting is disabled when sending a fax or I-fax.

1. Press (Settings/Registration) → [Function Settings] → [Common] → [Generate File] → [Specify Minimum PDF Version].

2. Select [Do Not Specify], [1.5], [1.6], or [1.7] → press [OK].
Specifying Detailed Job Restriction Settings from the Printer Driver

You can set whether to accept print jobs from the printer driver.

NOTE
To specify Restrict Printer Job settings, it is necessary to log in as an administrator. For information on the types of administrators, see e-Manual > Security.

1 Press (Settings/Registration) → [Function Settings] → [Printer] → [Restrict Printer Jobs].


Details of each item are described below:

[On]: Restricts jobs from the printer driver.
[Off]: Does not restrict jobs from the printer driver.

● If you select [On]:
   <Select Jobs to Allow>
   [Stored Jobs]: Allows storing in a mail box and registering forms for images.
   [Stored Jobs + Rsrvd Jobs]: Allows storing in a mail box, registering forms for images, and Secured Print.

● If you select [Off]:
   □ Press [OK].

Autocomplete for Entering E-Mail Addresses

When you enter an e-mail address, partially matching e-mail addresses (based on the initial characters of the e-mail address entry) registered in the Address Book of the machine are automatically displayed.

NOTE
• Register e-mail addresses in the Address Book of the machine, in advance.
• E-mail addresses that are stored with an access number do not appear.

1 Press (Settings/Registration) → [Function Settings] → [Send] → [E-Mail/I-Fax Settings] → [Autocomplete for Entering E-Mail Addresses].


Details of each item are described below:

[On]: When you enter an e-mail address, partially matching e-mail addresses (based on the initial characters of the e-mail address entry) registered in the Address Book of the machine are automatically displayed.
[Off]: When you enter an e-mail address, no e-mail addresses registered in the Address Book of the machine are automatically displayed.
Using the Authentication User Name as the Sender Name

If logging in using SSO-H, the login name appears in <100> of Sender Name (TTI). If [Use Auth. User Name as Sender Name] is set to 'On', the login name in <100> is used as the default value for Sender Name (TTI).

- **IMPORTANT**
  You can use this function if the fax board is installed or the Remote Fax Kit is activated.

- **NOTE**
  • For more information on the SSO-H login service, see e-Manual > MEAP.
  • If [Use Auth. User Name as Sender Name] is set to 'Off', the user name in <00> is used as the default value for Sender Name (TTI). For instructions on registering a unit name, see e-Manual > Settings/Registration.

1. **Press** (Settings/Registration) → [Function Settings] → [Send] → [Fax Settings] → [Use Auth. User Name as Sender Name].


**Box Security Settings**

You can set to improve the security of files stored in mail boxes.

**Forcing Seven Digit Mail Box PINs**

The PIN used when storing a file in a mail box can be set using at least one digit. If you set this function to 'On', users are forced to set a seven digit PIN.

- **IMPORTANT**
  If you registered a PIN of fewer than seven digits before you set this function to 'On', you can use the registered PIN. However, to ensure security, register the PIN again using seven digits.

- **NOTE**
  • For more information on the SSO-H login service, see e-Manual > MEAP.
  • If [Use Auth. User Name as Sender Name] is set to 'Off', the user name in <00> is used as the default value for Sender Name (TTI). For instructions on registering a unit name, see e-Manual > Settings/Registration.

1. **Press** (Settings/Registration) → [Function Settings] → [Store/Access Files] → [Mail Box Settings].

2. **Press [Box Security Settings] → [Limit Box PIN to 7 Digits/Restrict Access].**


- **NOTE**
  Changes are only effective after you restart the machine (the main power switch is turned OFF, and then back ON). For instructions on restarting (turning the main power switch OFF and then ON) the machine, see e-Manual > Before You Start Using This Machine.
Restricting Changes to Print Settings upon Storing from the Printer Driver

In <Print upon Storing from Printer Driver> in [Function Settings] (Settings/Registration), you can set whether to print a file when storing it in a mail box from a computer using the printer driver.

If you set this function to 'Off', the settings for <Print upon Storing from Printer Driver> cannot be changed.

NOTE
For more information on <Print upon Storing from Printer Driver>, see e-Manual > Settings/Registration.

1 Press (Settings/Registration) → [Function Settings] → [Store/Access Files] → [Mail Box Settings].

2 Press [Box Security Settings] → [Disp. Print When Storing from Printer Driver].


NOTE
Changes are only effective after you restart the machine (the main power switch is turned OFF, and then back ON). For instructions on restarting (turning the main power switch OFF and then ON) the machine, see e-Manual > Before You Start Using This Machine.
Memory Media Settings

You can restrict the storing of files to memory media and the printing of files from memory media.

Example screen shot when [Use Print Function] is set to 'Off':

1. Press (Settings/Registration) \(\rightarrow\) [Function Settings] \(\rightarrow\) [Store/Access Files] \(\rightarrow\) [Memory Media Settings] \(\rightarrow\) [Use Scan/Print Function].

2. Select [Use Scan Function] or [Use Print Function] \(\rightarrow\) select [On] or [Off].

Including Password When Exporting Address Book

You can set whether to include passwords registered for destinations when exporting an address book from the Remote UI.

**NOTE**
- The following passwords are supported for this function:
  - Authentication passwords set for file server destinations (including Advanced Boxes that are opened externally).
- For information on exporting address books, see “Saving an Address List as a File (Export),” on p. 48.

1. Press (Settings/Registration) \(\rightarrow\) [Set Destination] \(\rightarrow\) [Require Password for Exporting Address Book].


Details of each item are described below:
- [On]: Include password in file to export
- [Off]: Do not include password in file to export

**IMPORTANT**
If you select [Off], it is necessary to register the passwords again in the machine the destinations are imported to.
Selecting a Signature Algorithm and Key Algorithm when Generating a Key Pair for Encrypted SSL Communication

The procedure for setting a key pair is described below.

1. Press (Settings/Registration) → [Management Settings] → [Device Management].
2. Press [Certificate Settings] → [Generate Key].
3. Press [Generate Network Communication Key] → set the following items.

[Generate Network Communication Key] and [Generate/Update Device Signature Key] are displayed only if device signature is enabled.

Details of each item are described below:

- **[Key Name]:** Enter the key pair name.
- **<Signature Algorithm>:** Select the hash function to use for the signature (SHA1, SHA256, SHA384, SHA512). Keys that are 1024-bit or longer support the hash function of SHA-384 and SHA-512. To set [SHA384] or [SHA512], select [1024], [2048], or [4096] for <Key Length (bit)>.
- **<Key Algorithm>:** RSA Rivest Shamir Adleman
- **<Key Length (bit)>:** Select the key length (512, 1024, 2048, 4095).

**IMPORTANT**

Up to 24 alphanumeric characters can be entered for [Key Name].

**NOTE**

You cannot specify 'Device Signature Key' (used for key pairs for adding digital signatures to PDF or XPS files) or 'AMS' (used for key pairs for access restrictions) as the name for the key pair.
Audit Log Retrieval

If you set this function to ‘On’, you can generate the following logs. You can manage (export/clear) the generated logs using the Remote UI.

- Mail Box Document Operation Log
- Mail Box Authentication Log
- Network Connection Log
- Machine Management Log

**NOTE**

For information on the method for managing audit logs, see "Managing Audit Logs (Export/Clear Audit Log)," on p. 43.

1. Press (Settings/Registration) → [Management Settings] → [Device Management] → [Audit Log Retrieval].


**NOTE**

Changes are only effective after you restart the machine (the main power switch is turned OFF, and then back ON). For instructions on restarting (turning the main power switch OFF and then ON) the machine, see e-Manual > Before You Start Using This Machine.

Using an Encryption Method that Complies with FIPS 140-2 (Format Encryption Method to FIPS 140-2)

If you select ‘On’ for this function, you can make the encryption method for the following settings comply with the United States government-approved FIPS 140-2:

- [IPSec Settings] in [Preferences] (Settings/Registration) (See e-Manual > Network.)

If you set [Format Encryption Method to FIPS 140-2] to ‘On’, policies using “AES-GCM” for the authentication/encryption algorithm of IPSec communication are disabled. At the same time, the authentication algorithm for this policy is automatically changed to SHA1 and the encryption algorithm for this policy is automatically changed to 3DES-CBC.

Policies with a certificate using the RSA-MD5 or RSA-MD2 signature algorithm are also disabled.

**NOTE**

- This function can only be used if the IPSec Board is enabled. (See e-Manual > Optional Products/Software.)
- For instructions on confirming the signature algorithm for the certificate you are using, see e-Manual > Security.

1. Press (Settings/Registration) → [Management Settings] → [Device Management] → [Format Encryption Method to FIPS 140-2].


**NOTE**

Changes are only effective after you restart the machine (the main power switch is turned OFF, and then back ON). For instructions on restarting (turning the main power switch OFF and then ON) the machine, see e-Manual > Before You Start Using This Machine.
Changes Regarding Scan Functions ([Fax], [Scan and Send], [Scan and Store])

Selecting Free Size and Scanning in [Fax], [Scan and Send], and [Scan and Store]

[Free Size] enables you to perform 2-sided scanning for nonstandard size originals. This section describes the procedure using the Scan and Send screen as an example.

**IMPORTANT**
- You can use only originals smaller than 11” x 17” size for [Free Size].
- If you want to scan originals longer than 11” x 17” size, press [Long Strip Originals]. Note that 2-sided scanning cannot be used with [Long Strip Originals].
- If you select [Free Size], place your originals into the feeder. You cannot specify the size of an original that is placed on the platen glass.
- If you are using [Scan and Store], [Free Size] can be selected only when you store the file in the Advanced Box, the Advanced Box of another machine on the network, or memory media.

1. **Place your originals and specify the destination → press the Select Scan Size button.**

2. **Press [Free Size].**

3. **Press [OK].**
### Unavailable Combination of Functions for [Scan and Store]

The following tables show the unavailable combinations of settings when you want to set more than one function at a time.

#### Mail Box

<table>
<thead>
<tr>
<th>Function</th>
<th>Unavailable Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platen Glass Scanning</td>
<td>Feeder Scanning</td>
</tr>
<tr>
<td>Feeder Scanning</td>
<td>Platen Glass Scanning, Book, 2 Pages</td>
</tr>
<tr>
<td>Document Size Auto Select</td>
<td>Document Size Manual Select, N on 1, Original Frame Erase, Book Frame Erase, Booklet Scanning</td>
</tr>
<tr>
<td>Document Size Manual Select</td>
<td>Document Size Auto Select, Different Size Originals</td>
</tr>
<tr>
<td>Record Size Auto Select</td>
<td>Auto Ratio, N on 1, Booklet Scanning</td>
</tr>
<tr>
<td>Preset Zoom</td>
<td>Zoom Designation, Ratio, Auto Ratio, Set by Length, N on 1, Booklet Scanning, Auto (Color/Black), Full Color</td>
</tr>
<tr>
<td>Zoom Designation</td>
<td>Preset Zoom, Ratio, Auto Ratio, Set by Length, N on 1, Booklet Scanning, Auto (Color/Black), Full Color</td>
</tr>
<tr>
<td>Ratio</td>
<td>Preset Zoom, Zoom Designation, Auto Ratio, Set by Length, N on 1, Booklet Scanning, Auto (Color/Black), Full Color</td>
</tr>
<tr>
<td>Auto Ratio</td>
<td>Record Size Auto Select, Preset Zoom, Zoom Designation, Ratio, Set by Length, Auto (Color/Black), Full Color</td>
</tr>
<tr>
<td>Set by Length</td>
<td>Preset Zoom, Zoom Designation, Ratio, Auto Ratio, N on 1, Booklet Scanning, Auto (Color/Black), Full Color</td>
</tr>
<tr>
<td>Density</td>
<td>Background Density</td>
</tr>
<tr>
<td>Background Density</td>
<td>Density</td>
</tr>
<tr>
<td>Text/Photo</td>
<td>Photo, Photo Mode/Printed Image, Photo Mode/Photo, Text</td>
</tr>
<tr>
<td>Photo</td>
<td>Text/Photo, Photo Mode/Printed Image, Photo Mode/Photo, Text</td>
</tr>
<tr>
<td>Photo Mode/Printed Image</td>
<td>Text/Photo, Photo Mode/Printed Image, Text</td>
</tr>
<tr>
<td>Text</td>
<td>Text/Photo, Photo Mode/Printed Image, Photo Mode/Photo</td>
</tr>
<tr>
<td>1-Sided Scanning</td>
<td>2-Sided Scanning</td>
</tr>
<tr>
<td>2-Sided Scanning</td>
<td>1-Sided Scanning, Book, 2 Pages, Booklet Scanning</td>
</tr>
<tr>
<td>Book, 2 Pages</td>
<td>Feeder Scanning, 2-Sided Scanning, N on 1, Binding Erase, Booklet Scanning, Different Size Originals</td>
</tr>
<tr>
<td>N on 1</td>
<td>Document Size Auto Select, Record Size Auto Select, Preset Zoom, Zoom Designation, Ratio, Set by Length, Book, 2 Pages, Original Frame Erase, Book Frame Erase, Booklet Scanning, Different Size Originals, Auto (Color/Black), Full Color</td>
</tr>
<tr>
<td>Original Frame Erase</td>
<td>Document Size Auto Select, N on 1, Book Frame Erase, Binding Erase, Booklet Scanning, Different Size Originals</td>
</tr>
<tr>
<td>Book Frame Erase</td>
<td>Document Size Auto Select, N on 1, Original Frame Erase, Binding Erase, Booklet Scanning, Different Size Originals</td>
</tr>
<tr>
<td>Binding Erase</td>
<td>Book, 2 Pages, Original Frame Erase, Book Frame Erase, Booklet Scanning</td>
</tr>
<tr>
<td>Booklet Scanning</td>
<td>Document Size Auto Select, Record Size Auto Select, Preset Zoom, Zoom Designation, Ratio, Set by Length, 2-Sided Scanning, Book, 2 Pages, Original Frame Erase, Book Frame Erase, Binding Erase, Different Size Originals, Auto (Color/Black), Full Color</td>
</tr>
<tr>
<td>Different Size Originals</td>
<td>Document Size Manual Select, Book, 2 Pages, N on 1, Original Frame Erase, Book Frame Erase, Booklet Scanning</td>
</tr>
<tr>
<td>Nega/Posi</td>
<td>Auto (Color/Black), Full Color</td>
</tr>
<tr>
<td>Auto (Color/Black)</td>
<td>Preset Zoom, Zoom Designation, Ratio, Auto Ratio, Set by Length, Photo Mode/Photo, N on 1, Booklet Scanning, Nega/Posi, Full Color, Black</td>
</tr>
<tr>
<td>Full Color</td>
<td>Preset Zoom, Zoom Designation, Ratio, Auto Ratio, Set by Length, Photo Mode/Photo, N on 1, Booklet Scanning, Nega/Posi, Auto (Color/Black), Black</td>
</tr>
<tr>
<td>Black</td>
<td>Auto (Color/Black), Full Color</td>
</tr>
</tbody>
</table>

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*1 Combination available when the Job Build mode is set.
*2 If both functions are set at the same time, priority is given to the function set last.
*3 Priority is given to the Image Combination or functions on Booklet. You can also change the copy ratio.
*4 If both the manual density adjustment and Background Density Adjustment are set at the same time, priority is given to the mode set last.
### Changes Regarding Scan Functions ([Fax], [Scan and Send], [Scan and Store])

#### Advanced Box/Network/Memory Media

<table>
<thead>
<tr>
<th>Function</th>
<th>Unavailable Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platen Glass Scanning</td>
<td>Feeder Scanning, Document Size Free Size Select, Different Size Originals</td>
</tr>
<tr>
<td>Feeder Scanning</td>
<td>Platen Glass Scanning, Document Size Manual Select, Book 2 Pages</td>
</tr>
<tr>
<td>Document Size Auto Select</td>
<td>Document Size Manual Select, Original Frame Erase, Book Frame Erase</td>
</tr>
<tr>
<td>Document Size Manual Select</td>
<td>Feeder Scanning, Document Size Auto Select, Book 2 Pages, Original Frame Erase, Book Frame Erase</td>
</tr>
<tr>
<td>Document Size Free Size Select</td>
<td>Platen Glass Scanning, Auto Ratio, Book 2 Pages, Original Frame Erase, Book Frame Erase, Binding Erase, Different Size Originals, Job Build</td>
</tr>
<tr>
<td>Record Size Auto Select</td>
<td>Auto Ratio</td>
</tr>
<tr>
<td>Preset Zoom</td>
<td>Zoom Designation, Auto Ratio, Compact PDF, Searchable PDF, Trace &amp; Smooth PDF</td>
</tr>
<tr>
<td>Zoom Designation</td>
<td>Preset Zoom, Auto Ratio, Compact PDF, Searchable PDF, Trace &amp; Smooth PDF</td>
</tr>
<tr>
<td>Auto Ratio</td>
<td>Document Size Free Size Select, Record Size Auto Select, Preset Zoom, Zoom Designation, Resolution</td>
</tr>
<tr>
<td>Density</td>
<td>-</td>
</tr>
<tr>
<td>Background Density</td>
<td>-</td>
</tr>
<tr>
<td>Text/Photo Mode</td>
<td>Photo Mode, Text Mode</td>
</tr>
<tr>
<td>Photo Mode</td>
<td>Text/Photo Mode, Text Mode</td>
</tr>
<tr>
<td>Text Mode</td>
<td>Text/Photo Mode, Photo Mode</td>
</tr>
<tr>
<td>1-Sided Scanning</td>
<td>2-Sided Scanning</td>
</tr>
<tr>
<td>2-Sided Scanning</td>
<td>1-Sided Scanning, Book 2 Pages</td>
</tr>
<tr>
<td>File Name</td>
<td>-</td>
</tr>
<tr>
<td>PDF</td>
<td>-</td>
</tr>
<tr>
<td>Device Signature</td>
<td>Encrypted PDF</td>
</tr>
<tr>
<td>User Signature</td>
<td>Encrypted PDF</td>
</tr>
<tr>
<td>Policy Server Controls</td>
<td>Encrypted PDF</td>
</tr>
<tr>
<td>Visible Signature</td>
<td>Encrypted PDF</td>
</tr>
<tr>
<td>Compact PDF</td>
<td>Preset Zoom, Zoom Designation, Trace &amp; Smooth PDF, Auto (Color/Black), Black &amp; White, Resolution</td>
</tr>
<tr>
<td>Encrypted PDF</td>
<td>Device Signature, User Signature, Policy Server Controls, Visible Signature, Reader Extensions</td>
</tr>
<tr>
<td>Searchable PDF</td>
<td>Preset Zoom, Zoom Designation</td>
</tr>
<tr>
<td>Trace &amp; Smooth PDF</td>
<td>Compact PDF, Auto (Color/Black), Black &amp; White, Resolution</td>
</tr>
<tr>
<td>Reader Extensions</td>
<td>Encrypted PDF</td>
</tr>
<tr>
<td>JPEG</td>
<td>Divide into Pages, Auto (Color/Black), Black &amp; White</td>
</tr>
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<td>TIFF</td>
<td>Full Color, Auto (Color/Gray), Auto (Color/Black), Grayscale</td>
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<td>TIFF/PDF</td>
<td>Divide into Pages</td>
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<tr>
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<td>Divide into Pages</td>
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<td>Divide into Pages</td>
<td>JPEG, TIFF/PDF, TIFF/JPEG</td>
</tr>
<tr>
<td>Book 2 Pages</td>
<td>Feeder Scanning, Document Size Manual Select, Document Size Free Size Select, 2-Sided Scanning, Original Frame Erase, Different Size Originals</td>
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<td>Original Frame Erase</td>
<td>Document Size Auto Select, Document Size Manual Select, Document Size Free Size Select, Book 2 Pages, Binding Erase, Different Size Originals</td>
</tr>
<tr>
<td>Book Frame Erase</td>
<td>Document Size Auto Select, Document Size Manual Select, Document Size Free Size Select, Original Frame Erase, Binding Erase, Different Size Originals</td>
</tr>
<tr>
<td>Binding Erase</td>
<td>Document Size Free Size Select, Book 2 Pages, Original Frame Erase, Book Frame Erase</td>
</tr>
<tr>
<td>Different Size Originals</td>
<td>Platen Glass Scanning, Document Size Manual Select, Document Size Free Size Select, Book 2 Pages, Original Frame Erase, Book Frame Erase</td>
</tr>
<tr>
<td>Job Build</td>
<td>Document Size Free Size Select</td>
</tr>
</tbody>
</table>
### Changes Regarding Scan Functions ([Fax], [Scan and Send], [Scan and Store])

<table>
<thead>
<tr>
<th>Function</th>
<th>Unavailable Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Color</td>
<td>TIFF</td>
</tr>
<tr>
<td>Auto (Color/Gray)</td>
<td>TIFF</td>
</tr>
<tr>
<td>Auto (Color/Black)</td>
<td>Compact PDF, Trace &amp; Smooth PDF, JPEG, TIFF</td>
</tr>
<tr>
<td>Grayscale</td>
<td>TIFF</td>
</tr>
<tr>
<td>Black &amp; White</td>
<td>Compact PDF, Trace &amp; Smooth PDF, JPEG</td>
</tr>
<tr>
<td>Resolution</td>
<td>Auto Ratio, Compact PDF, Trace &amp; Smooth PDF</td>
</tr>
<tr>
<td>Sharpness</td>
<td>-</td>
</tr>
</tbody>
</table>

*1 Combination available when the Job Build mode is set.
*2 If both functions are set at the same time, priority is given to the function set last.
*3 Cannot be set if [Custom] is selected for the scan size.
*4 Available if the resolution is 300 x 300 dpi or 600 x 600 dpi.
*5 When [Password Required to Change Permiss.] is set, it is necessary to set [Allow Changes] to [Changes but Extract Pages] in order to set the digital signature settings.
*6 The PDF (Compact) mode is set at the same time.
*7 Combination available if the resolution is 300 x 300 dpi.
*8 When [Password Required to Change Permiss.] is set, it is necessary to set [Allow Changes] to one of the following in order to set the Reader Extensions mode:
   - [Changes but Extract Pages]
   - [Change but Add Comments/Extract Pages]
   - [Add Comments and Digital Signatures]
*9 [Divide into Pages] is set to 'On'.
*10 Cannot be set if the Black & White mode is selected.
*11 [Divide into Pages] is set to 'Off'.
*12 Available if the original is placed on the platen glass.
Saddle Folding for [Copy] and [Access Stored Files] with the Booklet Finisher

The machine folds a paper, such as 11” x 17” and LTRR, into half of its size.

Original

Copy

**IMPORTANT**
- The saddle folding mode is available only if the Booklet Finisher is attached.
- The paper is saddle folded one sheet at a time, and then output.
- You cannot saddle fold tracing paper, transparencies, prepunched paper, tab paper, or labels.
- The paper sizes that can be saddle folded are: 12” x 18”, 11” x 17”, LGL, LTRR.
- The Saddle Fold mode can be set only if 2-Sided Printing is set.

**NOTE**
- The following are paper sizes that can be output to the output trays of the machine. However, some paper sizes may not be output, depending on the set functions.
  - Tray A/Tray B/Tray C: 11” x 17”, LGL, LTR, LTRR, STMTR, EXEC, free size/custom size (4” x 5 7/8” to 11 3/4” x 19 1/4” (100 mm x 148 mm to 297 mm x 487.7 mm))
  - Booklet Tray: 11” x 17”, LGL, LTRR
- The Booklet Tray can only be used when the Booklet Finisher is attached.

Performing Interrupt/Priority Printing from [Secured Print] and the Status Monitor/Cancel Screen

This enables you to suspend the current job and perform priority printing for the selected job. This section describes the operations to be performed from the Status Monitor/Cancel screen.

1. Press (Status Monitor/Cancel) → [Copy/Print].
2. Press [Job Status] → select the type of job whose log you want to check from the drop-down list.
3 Select the desired job → press [Interrupt/Priority Print].

Press [Interrupt Print] to suspend the current job and perform priority printing for the selected job.

Press [Priority Print] to perform priority printing for the selected job after the current job is complete.

IMPORTANT

• You cannot interrupt an interrupt print job with another job. If you try to interrupt an interrupt print job, the job is started after the current interrupt job is complete.
• You cannot perform Interrupt/Priority printing by selecting an interrupt print job that is waiting to be processed.
• You cannot interrupt a job that has resumed copying/printing after being suspended due to an interruption by another job, lack of paper or toner, or other causes. Even if an interrupt print job is performed, that operation is ignored.
• You cannot perform interrupt printing for a document received via fax with another fax print job.
• If interrupt printing is performed for a multiple page copy/print job, printing of the remaining pages is suspended while the interrupt print job is performed. However, if you are using one of the finishing modes below, the interrupt print job is only performed after the current print set is complete.
  - Staple
  - Booklet
  - Saddle Fold
Printing a Web Page from [Web Access] Is No Longer Available

It is no longer possible to print a Web page displayed via [Web Access] on the touch panel display.

**NOTE**
- To display a Web page on the touch panel display, the Web Access Software must be activated.
- You can display a PDF file and print it.

Combination of Functions for [Copy]

Available Combinations
The following functions can be set at a time.

- Share Copy with Local Device - Multi-Purpose Tray: Custom Size
- Booklet: Divided Booklet - Booklet: Creep Correction

Unavailable Combination of Functions for [Access Stored Files]

The following tables show the unavailable combinations of settings when you want to set more than one function at a time.

Print Function for the Files Stored in a Mail Box

<table>
<thead>
<tr>
<th>Function</th>
<th>Unavailable Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Paper Selection</td>
<td>Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray, Rotate Collate, Rotate Group, Saddle Stitch, C-Fold, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Print on Tab</td>
</tr>
<tr>
<td>Automatic Paper Selection (Auto Orientation)</td>
<td>Automatic Paper Selection, Multi-Purpose Tray, Rotate Collate, Rotate Group, Saddle Stitch, C-Fold, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Different Size Originals, Print on Tab</td>
</tr>
<tr>
<td>Auto Drawer Switching</td>
<td>Multi-Purpose Tray</td>
</tr>
</tbody>
</table>

Multi-Purpose Tray

<table>
<thead>
<tr>
<th>Function</th>
<th>Unavailable Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Paper Selection</td>
<td>Automatic Paper Selection (Auto Orientation), Collate, Group, Rotate Collate, Rotate Group, Offset Collate, Staple, Saddle Stitch, Z-Fold, C-Fold, Specify No. of Copies for Offset, Punch, 2-Sided Printing, Document Separate Duplex Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Shift, Print on Tab, Secure Watermark, Secure Watermark (Copy Set Numbering)</td>
</tr>
<tr>
<td>Multi-Purpose Tray (2nd Side of 2-Sided Page)</td>
<td>Automatic Paper Selection, Automatic Paper Selection (Auto Orientation), Saddle Stitch, 2-Sided Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet)</td>
</tr>
<tr>
<td>Collate</td>
<td>Multi-Purpose Tray, Group, Rotate Collate, Rotate Group, Offset Collate, Staple, Saddle Stitch, Specify No. of Copies for Offset, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet)</td>
</tr>
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</table>

Group

<table>
<thead>
<tr>
<th>Function</th>
<th>Unavailable Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Purpose Tray</td>
<td>Multi-Purpose Tray, Collate, Rotate Collate, Rotate Group, Offset Collate, Staple, Saddle Stitch, Specify No. of Copies for Offset, Document Separate Duplex Printing, Document Separate Continuous Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Sample Print, Merge Files and Print, Copy Set Numbering, Print on Tab, Secure Watermark (Copy Set Numbering)</td>
</tr>
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</table>

Rotate Collate

<table>
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<th>Function</th>
<th>Unavailable Combination</th>
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</thead>
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<td>Automatic Paper Selection</td>
<td>Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray, Collate, Group, Rotate Collate, Rotate Group, Offset Collate, Staple, Saddle Stitch, C-Fold, Specify No. of Copies for Offset, Punch, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Print on Tab</td>
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Rotate Group

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<th>Unavailable Combination</th>
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<td>Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray, Collate, Group, Rotate Collate, Offset Collate, Staple, Saddle Stitch, C-Fold, Specify No. of Copies for Offset, Punch, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Sample Print, Print on Tab, Secure Watermark (Copy Set Numbering)</td>
</tr>
<tr>
<td>Function</td>
<td>Unavailable Combination</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Offset Collate</td>
<td>Multi-Purpose Tray², Collate¹, Group¹, Rotate Collate, Rotate Group, Staple¹, Saddle Stitch¹, C-Fold¹, Specify No. of Copies for Offset¹, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet)</td>
</tr>
<tr>
<td>Staple</td>
<td>Multi-Purpose Tray², Collate¹, Group¹, Rotate Collate¹, Rotate Group¹, Offset Collate¹, Saddle Stitch¹, C-Fold, Specify No. of Copies for Offset¹, Tab Paper², Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Print on Tab¹</td>
</tr>
<tr>
<td>Saddle Stitch</td>
<td>Automatic Paper Selection, Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray², Multi-Purpose Tray (2nd Side of 2-Sided Page), Collate¹, Group¹, Rotate Collate¹, Rotate Group¹, Offset Collate¹, Staple¹, Z-Fold, C-Fold, Specify No. of Copies for Offset¹, Punch, One-Sided Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Sample Print, Different Size Originals, Page Numbering, Copy Set Numbering, Watermark/Print Date, Secure Watermark (Copy Set Numbering)</td>
</tr>
<tr>
<td>Z-Fold</td>
<td>Multi-Purpose Tray², Saddle Stitch, C-Fold³, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Merge Files and Print, Print on Tab</td>
</tr>
<tr>
<td>C-Fold</td>
<td>Automatic Paper Selection¹, Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray², Rotate Collate¹, Rotate Group¹, Offset Collate¹, Staple, Saddle Stitch, Z-Fold, Specify No. of Copies for Offset¹, Punch, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Print on Tab</td>
</tr>
<tr>
<td>Specify No. of Copies for Offset</td>
<td>Multi-Purpose Tray², Collate¹, Group¹, Rotate Collate¹, Rotate Group¹, Offset Collate¹, Staple¹, Saddle Stitch¹, C-Fold², Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet)</td>
</tr>
<tr>
<td>Punch</td>
<td>Rotate Collate, Rotate Group¹, Saddle Stitch, C-Fold, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet)</td>
</tr>
<tr>
<td>One-Sided Printing</td>
<td>Saddle Stitch, 2-Sided Printing¹, Document Separate Duplex Printing¹, Document Separate Continuous Printing¹</td>
</tr>
<tr>
<td>2-Sided Printing</td>
<td>Multi-Purpose Tray², Multi-Purpose Tray (2nd Side of 2-Sided Page), One-Sided Printing¹, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Print on Tab</td>
</tr>
<tr>
<td>Document Separate Duplex Printing</td>
<td>Multi-Purpose Tray², Group, One-Sided Printing¹, Document Separate Continuous Printing¹, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Single Document, Multiple Documents, Print on Tab</td>
</tr>
<tr>
<td>Document Separate Continuous Printing</td>
<td>Multi-Purpose Tray², Group, One-Sided Printing¹, Document Separate Duplex Printing¹, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Single Document, Multiple Documents, Print on Tab</td>
</tr>
<tr>
<td>Front Cover</td>
<td>Multi-Purpose Tray², Multi-Purpose Tray (2nd Side of 2-Sided Page)², Group, Rotate Collate, Rotate Group¹, Saddle Stitch, C-Fold, Document Separate Duplex Printing, Document Separate Continuous Printing, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Multiple Documents, Superimpose Image, Print on Tab</td>
</tr>
<tr>
<td>Back Cover</td>
<td>Multi-Purpose Tray², Multi-Purpose Tray (2nd Side of 2-Sided Page)², Group, Rotate Collate, Rotate Group¹, Saddle Stitch, C-Fold, Document Separate Duplex Printing, Document Separate Continuous Printing, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Multiple Documents, Superimpose Image, Print on Tab</td>
</tr>
<tr>
<td>Sheet Insertion (Print/Leave Blank)</td>
<td>Multi-Purpose Tray², Multi-Purpose Tray (2nd Side of 2-Sided Page)², Group, Rotate Collate, Rotate Group¹, Saddle Stitch, C-Fold, Document Separate Duplex Printing, Document Separate Continuous Printing, Chapter Page, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Multiple Documents, Superimpose Image, Print on Tab</td>
</tr>
<tr>
<td>Chapter Page</td>
<td>Multi-Purpose Tray², Group, Rotate Collate, Rotate Group¹, Saddle Stitch, C-Fold, Document Separate Duplex Printing, Document Separate Continuous Printing, Sheet Insertion (Print/Leave Blank), Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Multiple Documents, Superimpose Image, Print on Tab</td>
</tr>
<tr>
<td>Tab Paper</td>
<td>Multi-Purpose Tray², Group, Rotate Collate, Rotate Group¹, Staple¹, Saddle Stitch, C-Fold, Document Separate Duplex Printing, Document Separate Continuous Printing, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Multiple Documents, Superimpose Image, Gutter, Shift, Print on Tab</td>
</tr>
<tr>
<td>Job Separator</td>
<td>Multi-Purpose Tray², Group, Rotate Collate, Rotate Group¹, Saddle Stitch, C-Fold, Document Separate Continuous Printing, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Single Document, Multiple Documents, Superimpose Image, Print on Tab</td>
</tr>
<tr>
<td>Function</td>
<td>Unavailable Combination</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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<tr>
<td>Booklet</td>
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</tr>
<tr>
<td>Saddle Stitch (Booklet)</td>
<td>Automatic Paper Selection, Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray, Multi-Purpose Tray (2nd Side of 2-Sided Page), Collate, Group, Rotate Collate, Rotate Group, Offset Collate, Staple, Saddle Stitch, Z-Fold, C-Fold, Specify No. of Copies for Offset, Punch, 2-Sided Printing, Document Separate Duplex Printing, Document Separate Continuous Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Different Size Originals, Multiple Documents, Watermark/Print Date, Superimpose Image, Gutter, Shift, Print on Tab, Secure Watermark, Secure Watermark (Copy Set Numbering)</td>
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<tr>
<td>Front Cover (Booklet)</td>
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</tr>
<tr>
<td>Divided Booklet</td>
<td>Automatic Paper Selection, Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray, Multi-Purpose Tray (2nd Side of 2-Sided Page), Collate, Group, Rotate Collate, Rotate Group, Offset Collate, Staple, Saddle Stitch, Z-Fold, C-Fold, Specify No. of Copies for Offset, Punch, 2-Sided Printing, Document Separate Duplex Printing, Document Separate Continuous Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Different Size Originals, Multiple Documents, Watermark/Print Date, Superimpose Image, Gutter, Shift, Print on Tab, Secure Watermark, Secure Watermark (Copy Set Numbering)</td>
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<tr>
<td>Creep Correction (Booklet)</td>
<td>Automatic Paper Selection, Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray, Multi-Purpose Tray (2nd Side of 2-Sided Page), Collate, Group, Rotate Collate, Rotate Group, Offset Collate, Staple, Saddle Stitch, Z-Fold, C-Fold, Specify No. of Copies for Offset, Punch, 2-Sided Printing, Document Separate Duplex Printing, Document Separate Continuous Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Different Size Originals, Multiple Documents, Watermark/Print Date, Superimpose Image, Gutter, Shift, Print on Tab, Secure Watermark, Secure Watermark (Copy Set Numbering)</td>
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<tr>
<td>Saddle Fold (Booklet)</td>
<td>Automatic Paper Selection, Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray, Multi-Purpose Tray (2nd Side of 2-Sided Page), Collate, Group, Rotate Collate, Rotate Group, Offset Collate, Staple, Saddle Stitch, Z-Fold, C-Fold, Specify No. of Copies for Offset, Punch, 2-Sided Printing, Document Separate Duplex Printing, Document Separate Continuous Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Different Size Originals, Multiple Documents, Watermark/Print Date, Superimpose Image, Gutter, Shift, Print on Tab, Secure Watermark, Secure Watermark (Copy Set Numbering)</td>
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<tr>
<td>Different Size Originals</td>
<td>Automatic Paper Selection (Auto Orientation), Saddle Stitch, Z-Fold, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet)</td>
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<tr>
<td>Single Document</td>
<td>Document Separate Duplex Printing, Document Separate Continuous Printing, Job Separator, Multiple Documents, Merge Files and Print</td>
</tr>
<tr>
<td>Multiple Documents</td>
<td>Document Separate Duplex Printing, Document Separate Continuous Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet)</td>
</tr>
<tr>
<td>Merge Files and Print</td>
<td>Group, Z-Fold, Single Document, Multiple Documents</td>
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<tr>
<td>Page Numbering</td>
<td>Z-Fold, Superimpose Image, Shift, Secure Watermark, Secure Watermark (Copy Set Numbering)</td>
</tr>
<tr>
<td>Copy Set Numbering</td>
<td>Group, Saddle Stitch, Superimpose Image, Shift, Secure Watermark, Secure Watermark (Copy Set Numbering)</td>
</tr>
<tr>
<td>Watermark/Print Date</td>
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<tr>
<td>Gutter</td>
<td>Tab Paper, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Print on Tab</td>
</tr>
<tr>
<td>Function</td>
<td>Unavailable Combination</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>-----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Shift</td>
<td>Multi-Purpose Tray*, Tab Paper, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Page Numbering, Copy Set Numbering, Watermark/Print Date, Print on Tab, Secure Watermark (Copy Set Numbering)</td>
</tr>
<tr>
<td>Print on Tab</td>
<td>Automatic Paper Selection, Automatic Paper Selection (Auto Orientation), Multi-Purpose Tray, Group, Rotate Collate, Rotate Group, Offset Collate, Staple*, Z-Fold*, C-Fold, 2-Sided Printing, Document Separate Duplex Printing, Document Separate Continuous Printing, Front Cover, Back Cover, Sheet Insertion (Print/Leave Blank), Chapter Page, Tab Paper, Job Separator, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Gutter, Shift</td>
</tr>
<tr>
<td>Secure Watermark</td>
<td>Multi-Purpose Tray*, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Page Numbering, Copy Set Numbering, Watermark/Print Date, Superimpose Image, Secure Watermark (Copy Set Numbering)*1</td>
</tr>
<tr>
<td>Secure Watermark (Copy Set Numbering)</td>
<td>Multi-Purpose Tray*, Group, Rotate Group, Saddle Stitch, Booklet, Saddle Stitch (Booklet), Front Cover (Booklet), Divided Booklet, Creep Correction (Booklet), Saddle Fold (Booklet), Page Numbering, Copy Set Numbering, Watermark/Print Date, Superimpose Image, Shift, Secure Watermark*1</td>
</tr>
</tbody>
</table>

*1 If both functions are set at the same time, priority is given to the function set last.
*2 Combination unavailable if [Free Size] or [Custom Size] is selected.
*3 Combination unavailable if [Custom Size] is selected.
*4 You cannot output files scanned using the Different Size Originals mode.
*5 Combination unavailable if [Corner] (Top Right), [Corner] (Bottom Right), or [Double] (Right) is selected.
*6 You can set this function if paper which can be folded is selected.
*7 (Print on Both Sides) is unavailable.

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32 Changes Regarding Print Functions ([Copy], [Access Stored Files], [Secured Print], Status Monitor/Cancel)
Changes Regarding the Advanced Box

Expansion of Operating Privileges from Computers for Advanced Box Administrators

If the Advanced Box is opened externally as an SMB or WebDAV server, the Advanced Box administrator can perform the following operations from Windows Explorer on a computer.

- Access [Personal Space] created by a general user, and edit folders/files.
- Edit folders/files if [Function Settings] (Settings/Registration) → [Store/Access Files] → [Advanced Box Settings] → [Prohibit Writing from External] is set to 'On'.

**NOTE**
For information on registering users of the Advanced Box and opening the Advanced Box externally, see e-Manual > Security.

Displaying Images of the Files in the Advanced Box

This enables you to display images not only for files stored in a mail box, but also for files stored in the Advanced Box of the machine you are using, the Advanced Box of another machine on the network, or memory media, on the machine's touch panel display. This section describes the procedure using the Advanced Box as an example.

**IMPORTANT**
To display images of PDF files, the PS Printer Kit or Direct Print Kit (for PDF/XPS) is required.

2. On the Space Selection screen, select the desired Space.
3. Display the level where the desired file is stored.
4 Select the file whose contents you want to view \(\rightarrow\) press [Display Image].

![Image of Access Stored Files]

**NOTE**

If you press [Display Image] while multiple files are selected, only the contents of the selected (highlighted) file are displayed.

5 Press [\(\prearrow\)] or [\(\rightarrow\)] to display the page that you want to check.

![Image of Access Stored Files with page navigation]

6 Select the file whose contents you want to view \(\rightarrow\) press [Display Image].

Press [\(\times\)] or [\(\div\)] to change the magnification of the displayed image.

Press [\(\leftarrow\)], [\(\rightarrow\)], [\(\downarrow\)], or [\(\uparrow\)] to move around the magnified image.

The position of the image shown in \[
\]
can be checked.
Restricting the Use of Personal Buttons on the Quick Menu (Use Personal Button)

**NOTE**
- Only the System Manager, or SSO-H System Administrator (Administrator)/Network Administrator (NetworkAdmin)/Device Administrator (DeviceAdmin) can specify the access restrictions for the Quick Menu. For information on the types of administrators, see e-Manual > Security.
- If authentication is not set, the Personal buttons are not displayed.

1. **On the Quick Menu, press **button.**
2. **Press [Restrict Quick Menu Use].**

**NOTE**
If only System Manager Settings is set and the authentication mode is not used, the login screen is displayed when [Restrict Quick Menu Use] is pressed. Enter the System Manager ID and System Password. The default setting for both the System Manager ID and System Password is '7654321'. (See e-Manual > Security.)
Press [Use Personal Button] → [OK].

[Use Personal Button]: Set whether Personal buttons are used. If [Use Personal Button] is set to 'On', Personal buttons can be used. If [Use Personal Button] is set to 'Off', Personal buttons cannot be used.
Changes Regarding the Remote UI

URI Send (URI TX Settings)

You can use the URI TX Settings mode to notify a user via e-mail that a file has been saved in the Advanced Box of the machine. The notification e-mail contains the path (URI: Uniform Resource Identifier) to the folder that includes the file.

1. Click [Settings/Registration] → select [Store/Access Files] from the menu displayed in Function Settings → click [Advanced Box Settings].

2. Click [URI TX Settings].
3 Click [Register New].

4 Enter the path of the folder to notify.

- **When the Advanced Box is opened to public as an SMB server:**
  - Enter the IP address or host name of the machine plus "\share" or "\users", followed by "\folder_name".
    
    Example:
    - \192.168.1.21\share\documents (to specify the [documents] folder in the Shared Space)
    - \192.168.1.21\users\suzuki (to specify the [suzuki] folder in the Personal Space)

- **When the Advanced Box is opened to public as a WebDAV server**
  - Enter the URL in the format "http(s)://<IP address or host name of the machine>\share or users>\folder name>".
    
    Example:
    - http://192.168.1.21/share/documents (to specify the [documents] folder in the Shared Space, when SSL is disabled)
    - http://192.168.1.21/users/suzuki (to specify the [suzuki] folder in the Personal Space, when SSL is enabled)

**NOTE**

If the imagePASS is attached to the machine, it is necessary to specify the port number (when SSL is disabled: 18080, when SSL is enabled):

Example:
- http://192.168.1.21:18080/share/documents (to specify the [documents] folder in the Shared Space, when SSL is disabled)
Select the timing for sending the URI TX to the specified e-mail address.

Details of each item are shown below.

- **When specified as a store location in Scan and Store**: Notification is sent each time a file is saved in the specified folder inside the Advanced Box from [Scan and Store] on the touch panel display. However, notification is not sent when a file is saved in or a folder is added to a subfolder.

- **When specified as a direct destination when sending or forwarding**: Notification is sent each time a file is saved in the specified folder inside the Advanced Box from a loopback address (an address that indicates the same device on a network) using the Send or forwarding function. However, notification is not sent when a file is saved in or a folder is added to a subfolder. Specify a loopback address when using the Advanced Box of the machine as the destination for [Scan and Send] or [Forwarding Settings]. (See “Registering the Advanced Box as a Loopback Address,” on p. 42.)

- **When the total documents and sub-folders in the folder reaches 700**: Notification is sent when the total number of files and subfolders in the folder specified for notification in step 4 reaches 700. Files and folders inside subfolders are not counted.

- **When the total documents and sub-folders in the folder reaches 900**: Notification is sent when the total number of files and subfolders in the folder specified for notification in step 4 reaches 900. Files and folders inside subfolders are not counted.

**NOTE**

You can set a single e-mail address registered in the address book or a single e-mail address group as the destination to notify.

Press [Select Destination] → select the destination → click [OK].

**NOTE**

You can enter a maximum of 40 characters for the subject.

Enter the subject for the URI TX.

**NOTE**

You can enter a maximum of 140 characters for the message.

Enter the message for the URI TX.

In addition to the text entered here, the path to the folder specified in step 4 and the filename are also added to the e-mail message.
Click [OK].

Specifying the URI TX settings is complete.
10 Click [Enable].

The notification status changes to <Enabled>, and all the registered URI TX Settings are enabled.
If you want to disable, click [Disable].

- **To delete registered URI TX setting:**
  - Click [Delete] corresponding to the file which you want to delete.

- **To edit registered URI TX setting:**
  - Click [Edit] corresponding to the file which you want to edit.
Registering the Advanced Box as a Loopback Address

If you are registering the Advanced Box of this machine as a loopback address in the Address Book, enter [Host Name] as described below.

NOTE

• For instructions on registering the Advanced Box in the Address Book, see e-Manual > Scan and Send.
• If you specify it as a loopback address, you can save to the Advanced Box even if [Prohibit Writing from External] is set to 'On' in [Function Settings] (Settings/Registration). (See e-Manual > Security.)

If you select [Windows (SMB)] for the send protocol:

1. Enter the host name as indicated below.

Example:

To save to the Shared Space: \192.168.100.50\share
To save to the Personal Space: \192.168.100.50\users

IMPORTANT

Specify the loopback address as indicated below.
- Using an IP address (IPv4 format): 127.0.0.1
- Using an IP address (IPv6 format): [::1]
- Using a host name: localhost

If you select [WebDAV] for the send protocol:

1. Enter the host name as indicated below.

Example:

http://192.168.1.21

IMPORTANT

• Specify [Host Name] as indicated below.
  - If SSL is invalid: http://<IP address or host name>
  - If SSL is valid: https://<IP address or host name>

• To send to the Advanced Box of a machine from the same machine, it is recommended that you specify a loopback address (an address that indicates the same device on a network). Specify the loopback address as indicated below.
  - Using an IP address (IPv4 format): 127.0.0.1
  - Using an IP address (IPv6 format): [::1]
  - Using a host name: localhost

• If the destination imagerUNNER ADVANCE machine has an imagePASS attached, specify [Host name] as indicated below.
  - To send to the Advanced Box of another machine with an imagePASS attached:
    If SSL is invalid: http://<IP address or host name>:18080
    If SSL is valid: https://<IP address or host name>:18443
  - To send to the Advanced Box of this machine if it has an imagePASS attached (using a loopback address):
    Using the IPv4 format:
    If SSL is invalid: http://127.0.0.1:18080
    If SSL is valid: https://127.0.0.1:18443
    Using the IPv6 format:
    If SSL is invalid: http://[::1]:18080
    If SSL is valid: https://[::1]:18443
    Using a host name:
    If SSL is invalid: http://localhost:18080
    If SSL is valid: https://localhost:18443

NOTE

When sending to the Advanced Box of this machine from the same machine if it has an imagePASS attached, you may not be able send using a loopback address if [Use Proxy] is set to 'On'. In this case, enter the IP address of the imagePASS. (See e-Manual > Network.)
Managing Audit Logs (Export/Clear Audit Log)

**IMPORTANT**
Please note that Canon will not be held responsible for any damages caused by the use of Audit Log Management or the inability to use Audit Log Management.

**Audit Log Management and Types of Logs**
This function enables you to collect/manage the logs stored in the machine with the Remote UI. The administrator can check the collected logs to survey how the machine is being used.

**Types of Logs**
This function can manage the following logs.

- **User Authentication Log**
  This log contains information related to the authentication status of user authentication, and the registering/changing/deleting of user information.
  - Login/logout log
  - User authentication success/failure log
  - Log for the registering/changing of user information managed by SSO-H
  - Log for role management (registering/changing/deleting) by Access Management System

- **Job Log**
  - This log contains information related to the completion of copy/fax/scan/send/print jobs.

- **Mail Box Document Operation Log**
  - This log contains information related to the operations performed on data in the Mail box, the Memory RX Inbox, and the Confidential Fax Inbox.

- **Mail Box Authentication Log**
  - This log contains information related to the authentication status of the Mail box, the Memory RX Inbox, and the Confidential Fax Inbox.

- **Network Connection Log**
  - This log contains information related to IPSec communication failures.

- **Machine Management Log**
  - This log contains information related to changes to the network and security settings displayed when you press (Settings/Registration) on the control panel of the machine. This log also contains a record of the changes to the date/time settings of the machine.

- **Log for Audit Log Management**
  - This log contains information related to the exporting/deleting of logs with this function.

**IMPORTANT**
- The maximum number of logs that can be managed with this function is 20,000, regardless of the type of log. When this maximum number is reached, the oldest logs are erased and overwritten with the new logs.
- If [Sleep Mode Energy Use] is set to [High], logs are not collected when the machine enters the Sleep mode.

**NOTE**
Multiple numbers of the logs described in this section may be collected by the machine's system processes during user operations.
Managing Logs

**IMPORTANT**
In order to manage logs, it is necessary to log in to the Remote UI as an administrator.

**NOTE**
- The collected logs and exported logs include items for the Date and Time, User Name, Operation Type, and Result (OK/NG). Job logs also include items related to the job type.
- To generate Network Connection Log, Mail Box/Inbox Authentication Log, Mail Box/Inbox Document Operation Log, System Management Log, set [Audit Log Retrieval] to ‘On’ → restart the machine. (See e-Manual > Security.)

**Starting/Stopping Log Collection**
You can start or stop log collection. The collected logs are saved as a single audit log file.

**NOTE**
- The saved logs may not be displayed in the order that they are collected.
- Log collection is stopped by default.
- If you start or stop log collection, this setting is retained until it is changed. The setting does not change when the machine is restarted.
- If you start log collection, you can only collect logs that are generated after collection is started. You cannot collect logs that were generated before collection was started.

1. Click [Settings/Registration] → [Device Management] → [Export/Clear Audit Log] → [Audit Log Information] → [Start] for <Audit Log Collection>.
Checking the Number of Saved Logs and the Date/Time They Were Collected/Saved

You can check the number of logs collected from the machine that are saved, and the date/time that they were collected/saved.

1. Click [Settings/Registration] → [Device Management] → [Export/Clear Audit Log] → [Audit Log Information].

Details of each item are shown below.

- [Current Number of Saved Logs]: Displays the number of logs that are currently saved.
- [Logs Last Collected On]: Displays the date/time that a log was last collected from the machine.
- [Logs Last Saved On]: Displays the date/time that a log collected from the machine was last saved.

Exporting Collected Logs

You can save the various logs collected from the machine all together to a computer in the CSV format.

**NOTE**

To export the various logs collected from the machine, use SSL or IPSec. To use SSL, set [Use SSL] to 'On' → restart the machine. (See e-Manual > Remote UI.) If you want to use IPSec, see e-Manual > Network.
The log type numbers indicated in the logs to be exported correspond to the following log types:

<table>
<thead>
<tr>
<th>Log Type Number</th>
<th>Log Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>4098</td>
<td>User Authentication Log</td>
</tr>
<tr>
<td>1001/8193</td>
<td>Job Log</td>
</tr>
<tr>
<td>8197</td>
<td>Mail Box Document Operation Log</td>
</tr>
<tr>
<td>8199</td>
<td>Mail Box Authentication Log</td>
</tr>
<tr>
<td>8200</td>
<td>Network Connection Log</td>
</tr>
<tr>
<td>8198</td>
<td>Machine Management Log</td>
</tr>
<tr>
<td>3001</td>
<td>Log for Audit Log Management</td>
</tr>
</tbody>
</table>

1. Click [Settings/Registration] → [Device Management] → [Export/Clear Audit Log].

2. Click [Export] for <Export Audit Logs>.

To automatically delete the logs after they are exported, select [Delete logs from device after export].

NOTE
If you select [Delete logs from device after export], make sure to select [Store] after clicking [Export]. If you select [Cancel], the logs will be deleted without being saved.

3. Follow the instructions on the screen to specify the location where you want to save the file.

NOTE
- Log collection is stopped while the export process is being performed.
- If the display language setting of the machine is different from when the logs were collected, the file may contain garbled characters when the logs are exported.
Deleting Collected Logs

You can delete all the logs collected from the machine.

1. Click [Settings/Registration] → [Device Management] → [Export/Clear Audit Log].

2. Click [Delete] for <Delete Audit Logs>.

3. Click [OK].

When an Error Is Displayed

If you export or delete the logs when an error has occurred in the memory space managed by this function, the message <Management area of audit logs may have been corrupted because an error occurred. The system will be initialized.> is displayed on the Remote UI.

1. Click [OK].

The memory space is initialized and restored to a normal state.

NOTE
- If initialization is performed, log collection is stopped and all the logs that have been collected are deleted. For instructions on starting log collection again, see e-Manual > Remote UI.
- If an error occurs, the message <Could not retrieve audit log due to an error.> appears on the touch panel display.
Including Password When Exporting/Importing Address Book

You can encrypt and export password information for [Address List] and the [Device Settings (Forwarding Settings, Address Lists, Favorite Settings)] Address Book. Also, you can decode and import the encrypted password information. This section describes how to export/import address lists. The same procedure is used to encrypt/decode password information for the Device Settings address book.

**NOTE**

If you want to include password information when exporting/importing an address list or address book, you must set [Require Password for Exporting Address Book] in [Set Destination] (Settings/Registration) to ‘On’ in advance. (See “Including Password When Exporting Address Book,” on p. 20.)

**Saving an Address List as a File (Export)**

You can store an address list as a file in your computer.

1. **Click** [Settings/Registration] → select [Data Management] from the menu displayed in Management Settings → click [Import/Export] → [Address List] → [Export].

If the selected address list is protected by a password, a screen prompting you to enter the password appears. Enter the password for the address list → click [OK].
2 Select the address list to export and the file format → click [Start Export].

Details of each item are shown below.

- **Address List**: Select the address list to be saved as a file from the drop-down list.
- **File Format**: Select the format in which to save the file.
  - [Custom Format]: Select this if the file is to be imported into another machine that is the same model as this one.
  - [LDAP Format]: Select this if the file is to be used by another application (e.g., Microsoft Internet Explorer, Netscape Navigator, Microsoft Outlook, Eudora, etc.). Import this file as LDAP data from within these applications.
- **Password**: Enter the password to use for encrypting authentication information for the Address List.
- **Confirm**: Enter the password again. If the password you enter here is different from the password entered for **Password**, an error dialog box appears.

**NOTE**

- [Password] and [Confirm] are displayed if the following setting is specified:
  [Settings/Registration] → [Set Destination] → [Address Book Export Settings] → [Including Password When Exporting Address Book] is selected.
- If you select [LDAP Format], only e-mail addresses can be saved. To save all the information stored in the address list, select [Custom Format].
- The name of the address list is not exported.
- To import to the fax driver address list, select [Custom Format]. You cannot do so with [LDAP Format] selected.

3 Follow the instructions on the screen to specify the location where you want to save the file.
**Loading an Address List (Import)**
You can load address lists into the machine from saved files.

**IMPORTANT**
- If you import an address list (Delete and Overwrite), Forwarding Settings, or Settings/Registration settings, the information stored in Favorite Settings is erased.
- You cannot import a file while the machine is scanning.

**NOTE**
- You can register up to 1,800 addresses in the Address Book. (200 of these are addresses assigned to the one-touch buttons.) Each address is treated as a separate item. When importing additional addresses, make sure that you do not exceed an overall total of 1,800 addresses.
- When importing an LDAP format file, entries with e-mail addresses are imported into the machine. Make sure that the number of destinations to register does not exceed 1,800.
- The information in the address book’s one-touch buttons cannot be imported in LDAP format.

1. Click [Settings/Registration] → [Data Management] from the menu that appears under Management Settings → [Import/Export] → [Address Lists] → [Import].

If the selected address list is protected by a password, a screen prompting you to enter the password appears. Enter the Address Book password → click [OK].
2 Select the file to import → specify the necessary fields → click [Start Import].

Details of each item are shown below.

[Address List]: Select the address list to be imported.

[Import Method]: Select the import method.

[Append]: The addresses in the file are added to the machine’s Address List. No changes are made to the pre-existing addresses in the Address List.

[Delete and Overwrite]: All addresses stored in the machine are deleted, and the contents of the file are loaded into the machine.

[File Path]: Specify the location of the file to load.

[File Format]: Select the format of the file that is to be loaded.

[Custom Format]: Select this if the file to be imported was saved and exported by another machine that is the same model as this one.

[LDAP Format]: Select this if the file is to be imported from another application.

If you want to import an encrypted address book file, select [Decode Address List Certified Information] → enter the correct password in the [Password] entry box.

**IMPORTANT**

- When importing Address Lists 1 to 10, if you select [Add] for [Import Method], addresses with the same name as those already stored on the machine will be registered as new destinations with the same name.
- If you import one-touch buttons stored in an Address List, [Add] in [Import Method] is switched to [Overwrite].
- If you select [Delete and Overwrite] for [Import Method], the addresses in the file are registered after all the addresses stored in the machine are deleted.

**NOTE**

- If you select [LDAP Format], only e-mail addresses can be imported. The contents of one-touch buttons are not imported when [LDAP Format] is selected. To save all the information stored in the address list, select [Custom Format].
- The name of the address list is not imported.
Key Pairs and Server Certificates
You can use a key pair and server certificate in the machine with the following algorithms:

<table>
<thead>
<tr>
<th>Signature Algorithm</th>
<th>Key Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>sha1RSA/Sha256RSA/Sha384RSA*</td>
<td>512 bit/1024 bit</td>
</tr>
<tr>
<td>/sha512RSA*/MD2RSA**/MD5RSA**</td>
<td>/2048 bit/4096 bit</td>
</tr>
</tbody>
</table>

*Indicates algorithms that can be used only if the key length is equal to or longer than 1024 bits.
**Indicates algorithms that can be used only when installing from the Remote UI.

You can use a key pair and server certificate in the machine with the following formats:

<table>
<thead>
<tr>
<th>Certificate Format</th>
<th>File Format</th>
<th>File Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>X.509v1/X.509v3*</td>
<td>PKCS#12</td>
<td>.pfx/.p12</td>
</tr>
</tbody>
</table>

*Indicates formats that can be used only when installing from the Remote UI.

CA Certificate
You can use a CA Certificate in the machine with the following algorithms:

<table>
<thead>
<tr>
<th>Signature Algorithm</th>
<th>Key Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>sha1RSA/Sha256RSA/Sha384RSA*</td>
<td>512 bit/1024 bit</td>
</tr>
<tr>
<td>/sha512RSA*/MD2RSA**/MD5RSA**</td>
<td>/2048 bit/4096 bit</td>
</tr>
<tr>
<td>sha1DSA</td>
<td>1024 bits/2048 bits/3072 bits</td>
</tr>
</tbody>
</table>

*Indicates algorithms that can be used only if the key length is equal to or longer than 1024 bits.

You can use a CA Certificate in the machine with the following formats:

<table>
<thead>
<tr>
<th>Certificate Format</th>
<th>File Format</th>
<th>File Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>X.509v1/X.509v3</td>
<td>PKCS#12</td>
<td>.pfx/.p12</td>
</tr>
</tbody>
</table>
Always Using Encrypted SSL Communication for SMS

To use encrypted SSL communications with SMS, it is necessary to set a key pair and server certificate as the default key, in advance. A preinstalled key pair and server certificate are registered in the machine. This section describes how to set this key pair and server certificate as the default key.

NOTE
If you access SMS without setting a default key, the HTTP 500 Internal Server Error is displayed. If this error occurs, make sure to follow this procedure to set the SSL default key.

1. Press (Settings/Registration) → [Preferences] → [Network] → [TCP/IP Settings] → [SSL Settings].
2. Press [Key and Certificate].
3. Select ‘Default Key’ (the preinstalled key pair and server certificate) → press [Set as the Default Key].
4. Press [Yes] → [OK].

NOTE
• For instructions on creating the key pair and self-signed server certificate required for encrypted SSL communications using the control panel of the machine, see e-Manual > Security.
• By setting the default key, SMS will always use encrypted SSL communications, regardless of whether [SSL Settings] in [MEAP Settings] in [Management Settings] (Settings/Registration) is set to ‘On’ or ‘Off’.
1 Click [MEAP Application Setting Information Management].

The (MEAP Application Setting Information Management) page is displayed.
2 Select the MEAP application you want to delete → click [Delete].

The message <Are you sure you want to delete the selected MEAP application setting information?> is displayed.

NOTE
To select all registered applications, click [Select All].

3 Confirm the information to delete → click [Yes].

After the message <Deleting the MEAP application setting information... Please wait.> is displayed, deletion is started.

If the deletion is successful, a message indicating that deletion is complete is displayed, and the display returns to the [MEAP Application Setting Information Management] page.
MEAP Application Log Management

You can download and delete application log data.

**Downloading Application Logs**

1. Click [MEAP Application Log Management].

The [MEAP Application Log Management] page is displayed.
2 Click [Download Application Logs].

Download the log files according to the instructions displayed in the dialog box.
Deleting Application Logs

1. Click [MEAP Application Log Management].

The [MEAP Application Log Management] page is displayed.
2 Click [Delete Application Logs].

The [Delete Application Logs] page is displayed.
The message <Are you sure you want to delete all application logs?> is displayed.

3 Click [Yes].

If the deletion is successful, a message indicating that deletion is complete is displayed, and the display returns to the [MEAP Application Log Management] page.
Allow administrators to operate using default password

You can set the machine to not display the screen for changing the password when a System Administrator (Administrator) logs in to the machine using the default user name and password from the touch panel display.

**IMPORTANT**
If you use the default password with SSO-H, security issues may arise. It is recommended that you change the password to use SSO-H.

**NOTE**
If the password has expired, the screen for changing the password appears, regardless of this setting.

1. **Log in to MEAP Service → click [Security Settings].**

The [Security Settings] page is displayed.
2 Select [Allow administrators to operate using default password].

3 Click [Update].
Automatic Reset of Change Default Settings

Cloud Portal for imageRUNNER ADVANCE is a MEAP application that enables you to use cloud services from your machine. By using this application, you can upload scanned data to a cloud service and print the stored files.

The cloud services available for use with Cloud Portal for imageRUNNER ADVANCE are Microsoft SharePoint Online and Google Docs.

Example: For SharePoint Online:

NOTE

- For information on installing Cloud Portal for imageRUNNER ADVANCE, contact your local authorized Canon dealer.
- To use a cloud service, it is necessary to acquire a cloud service account in advance. You must agree to the terms of use to acquire an account. For more information, see the Web pages for each cloud service provider.
- Optional products may be required, depending on the format of the file to upload or print. For more information, see the Cloud Portal for imageRUNNER ADVANCE User’s Guide.
This machine is compliant with IEEE Std 2600™ - 2008 (hereinafter referred to as IEEE 2600), a global information security standard for multifunction peripherals and printers, and is able to achieve the security requirements as defined in IEEE 2006.

**NOTE**
- For information on how this product meets the security requirements defined in IEEE 2600, see “IEEE 2600 Security Standard.”
- The IEEE 2600.1 CC Authentication requirement is not met for the machine.

### IEEE 2600 Security Standard

This section describes the IEEE 2600 defined security requirements and how the functions of the machine meet these requirements.

<table>
<thead>
<tr>
<th>Security Requirements</th>
<th>Functions of the Machine</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>User Authentication/User Information Management</strong></td>
<td>SSO-H (Single Sign-On H)</td>
<td>SSO-H enables you to manage the machine’s users by performing authentication with registered user names and passwords. Manages user information such as user names and passwords, as well as Department IDs and roles (privileges).</td>
</tr>
<tr>
<td>Access Restrictions (Function Restrictions)</td>
<td>ACCESS MANAGEMENT SYSTEM KIT</td>
<td>You can set access restrictions for functions, such as the Print or Copy function, for each user.</td>
</tr>
<tr>
<td>Audit Log*2</td>
<td>Generate/Export Audit Logs</td>
<td>You can generate user authentication logs, job logs, and various other logs, and export the logs from the Remote UI in CSV format.</td>
</tr>
<tr>
<td>Temporary Data Erase</td>
<td>Data Erase Kit*1</td>
<td>You can erase unnecessary data from the hard disk of the machine by overwriting the data.</td>
</tr>
<tr>
<td>Data Protection*3</td>
<td>HDD Data Encryption &amp; Mirroring Kit*1</td>
<td>You can encrypt data stored in the hard disk such as files in the Mail Box, registered information in the Address Book, and password information.</td>
</tr>
<tr>
<td>Network Data Protection</td>
<td>IPSec Board*1</td>
<td>By creating security policies for encrypted communication, data sent and received over an IP network is protected from threats such as theft, modification, and impersonation.</td>
</tr>
<tr>
<td>Software Verification</td>
<td>IPSec Board*1</td>
<td>If IPSec settings are enabled, the self-test for the code module is automatically performed when the machine starts.</td>
</tr>
</tbody>
</table>

*1 Indicates an optional product.
*2 Scan and Store or Access Stored Files operations involving the Advanced Box, network, or memory media, are not within the scope of the audit.
*3 Files stored in memory media are not encrypted.