

# Kofax Copitrak

## Canon Embedded Installation and Configuration Guide

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The logo for KOFAX, consisting of the word "KOFAX" in a bold, blue, sans-serif font.

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## Overview

This guide covers the installation and configuration procedures for Canon ES MEAP 4 devices, build 4.3.0.17. This guide does not include instructions for Canon ES MEAP 3 devices or eCopy embedded on Canon MFPs.

### New settings in build 4.3.0.17

The CFG file contains the following new settings:

Setting	Description
Dns_Domain_Name	The DNS domain name. "Domain_Name" is no longer used.
NetBios_Domain_Name	The NetBios domain name.
Dns_Domain_Name_Prompt	The prompt for DNS domain name on the configuration screen.
NetBios_Domain_Name_Prompt	The prompt for NetBios domain name on the configuration screen.
Use_Imi_For_Tracking	Use this setting for IMI for tracking jobs. This setting must be set to <b>Yes</b> if fax jobs need to be tracked. For newer models, this setting must be set to <b>Yes</b> for tracking all jobs (job events are not dispatched through CPCA).
Use_Meap_Driver	This setting must be set to <b>Yes</b> if the MEAP driver is used for reading USB data.

### Related documentation

The full documentation set for Copitrak is available at the following location:

[https://docshield.kofax.com/Portal/Products/en\\_US/Copitrak/3.0.16-2z8rg6dfv3/Copitrak.htm](https://docshield.kofax.com/Portal/Products/en_US/Copitrak/3.0.16-2z8rg6dfv3/Copitrak.htm)

In addition to this guide, the documentation set includes the following items:

- *Kofax Copitrak Desktop Installation and Configuration Guide*
- *Kofax Copitrak Installation Guide*
- *Kofax Copitrak Configuration Guide*
- *Kofax Copitrak Technical Deployment for the Express and Premium editions*
- *License Manager Technical Note*
- *Document Retrieval Service (DRS) Technical Note*

## Setup and installation

### Set up the CSS Server

You must have the following files and information before you install Canon ES MEAP 4:

- Canon ES MEAP 4 Installation Package (jar/lic files and CFG file)
- CSS Server configuration (terminal\_setup.ini), LCWIN version
- Copitrak License based on MFP Serial Number. CSS requires that the DIAMonde Simulator option is enabled in **System Options**.

1. Upgrade the LCWIN32\_SQL.exe file. The minimum version that handles the Copitrak License for Canon Embedded is 2008.7.16.
2. If the following terminal configuration files are not in the C:\ERS\SERVER folder, add a copy of the files:
  - TERMINAL\_SETUP.INI.PRM
  - Terminal\_setup.ini
3. In the C:\ERS\SERVER\Terminal\_setup.ini file, create a terminal group for the Canon Embedded terminals. Enter the IP address of the ERS server for Host\_0. No other terminal settings need to be configured in this Canon terminal group:

```
[TERMINAL_GROUPS]
CANON*=CANON
*=REGULAR

[TERMINAL_GROUP_CANON]
Host_0_Type=A
Host_0=192.168.27.40
```

**Note:** Specify the ERS server IP address in this file, not the CFG file.

4. From the installation package, copy the Terminal\_Group\_CANON\_MEAP.cfg file to the C:\ERS\SERVER folder.
5. Rename the Terminal\_Group\_<group>\_MEAP.cfg file to match the terminal group that was set up in step 3, where <group> is the terminal group name.
6. Set up a Canon terminal in the ERS Terminal List. The terminal name must match the name of the Canon terminal group in the terminal\_setup.ini file.

#### Notes:

- The C:\ERS\SERVER\Software folder is no longer required, unless you want to customize a specific button.
- Modified images should be converted to \*.gif\_4.0\_MEAP or \*.gif\_1.3\_MEAP.

- The Images folder contains the \*.gif files and is included in the latest package.

## Install Canon Embedded MEAP 4 Login application on the iR-Advance device

1. Browse to <http://<ipaddress>:8000/sms>, where <ipaddress> is the IP address of the Canon iR-ADV. For example: <http://192.168.27.51:8000/sms>.
2. Enter the password to log in. The default password for Canon is MeapSmsLogin.
3. Click **Enhanced System Application Management**.
4. In the **Install Enhanced System Application/License** section, in the **Enhanced System Application File Path** field, enter the full path where the JAR file is located.
5. In the **License File Path** field, enter the full path where the LIC file is located.
6. Click **Install**.
7. Click **Yes** to confirm.
8. Once the application is installed, click **Switch** to start it. The status will change from **Installed** to **Start after restart**.
9. Power cycle the MFP.
10. Once the MFP is up, the Copitrak ES Configuration screen is displayed with default data. Enter the following information:
  - a. In the **Unit ID** field, enter the terminal name as configured in ERS. For example, CANON888.
  - b. In the **Server IP** field, enter the IP address of the CSS server.
  - c. In the **Server Port** field, leave the default value of 4140.
  - d. The values in the **Administrator Password**, **DNS Domain Name**, and **NetBios Domain Name** fields are set in the CFG file and will be loaded on the MFP when **Done** is clicked:  
Admin\_Password:admin\_123  
Dns\_Domain\_Name:CPKTEST.com  
NetBios\_Domain\_Name:CPKTEST
11. Click **Done**.
12. To verify the setting, log in using the Copitrak master password 09182736.
13. Power cycle the MFP, to allow the MFP to take the new settings.

## Uninstall previous versions of Canon Embedded MEAP 4

1. Browse to <http://<ipaddress>:8000/sms>, where <ipaddress> is the IP address of the Canon iR-ADV. For example, <http://192.168.27.51:8000/sms>.
2. Enter the password to log in. The default password for Canon is MeapSmsLogin.

3. Click **Enhanced System Application Management**.
4. In the **Login Service** section, select **Default Authentication** by clicking **SWITCH**.  
The status for Default Authentication application will change from **Installed** to **Start after Restart**. The status for the Copitrak ES for CM application will change from **Started** to **Stop after Restart**.
5. Power cycle the MFP.
6. Log in again and repeat steps 1 – 3.

### Access the MFP on a Web browser

After installing the Canon Embedded application, the copier needs a user name and password to access it through a Web browser.

1. In a Web browser, enter the URL as <http://<ipaddress>>.
2. In the **User Name** field, enter **1**. This is hard coded on the embedded application and cannot be changed.
3. The **Password** for the Administrator is set in the CFG file:  
`Admin_Password:admin123`
4. Click **Log In**.

### Set a timeout on the MFP

You must set a timeout on the MFP to log a user out after a specified period of inactivity period (Auto Reset Time).

1. Access the MFP using the steps in [Access the MFP on a Web browser](#).
2. Click **Settings/Registration**.
3. Under **Preferences**, click **Timer/Energy Settings**.
4. Under **Preferences: Timer/Energy Settings**, click **Timer/Energy Settings**.
5. Set **Auto Reset Time** to a greater value than the **System\_Timeout** setting in CFG file. For example, if `System_Timeout:360000`, then set **Auto Reset Time** to **After 7 minutes**.
6. Click **OK**.

## License requirements

The embedded terminal requires a valid Copitrak license to run. When first installed, a 7-day trial period begins where the software operates without a license. When this period expires, the software will not function without a valid license and will display a message to users.

To generate a Copitrak license, the MFP's serial number is required (for example, MNW00839). This information should be sent to Boca Licenses. You can find the serial number from the remote UI site, beside the **Product Name (Serial Number)** in the header.

The Copitrak License is entered and stored in the C:\ERS\Server\ eclipse.ini file. The minimum LCWIN32\_SQL version for Licensing is 2008.7.16.

The 7-day trial license adds the date and time stamp for the expiration date and a temporary license number.

The Copitrak License for Canon Embedded also requires that the **Diamonde Simulator** option is selected in System Options.

## CSS700 R2 systems

If the system is CSS700 R2, which contains a new License Manager, a new .LIC file is required with the number of MFPs running the Canon Embedded application.

The information on the XPS file is still required in System Options and **DIAMonde Simulator** option must be selected.

The License Manager is no longer required to ask for a license based on the MFP's Serial Number. LCWIN will update the eclipse.ini file based on the .LIC file.

## CFG configuration file settings for MEAP 4

### New settings

Setting	Value (sample)	Description
Dns_Domain_Name	CPKTEST.com	Value used the Scan to Myself feature.
NetBios_Domain_Name	CPKTEST	Value used for Canon Secured Print Mode.
Use_Imi_For_Tracking	No	<p>Set to <b>Yes</b> if fax jobs must be tracked. It uses a new set of Paper Types codes. For example:</p> <p>Copy_Type7:<b>30303</b>=BWCOPY  Copy_Type8:<b>30403</b>=CLRCOPY  Scan_Type5:<b>20202</b>=Scan_Letter  Scan_Type6:<b>20403</b>=Scan_Color</p> <p>This setting has a delay. It will write the transaction after 30 minutes or after the next job.</p> <p>For newer models, this setting must be set to <b>Yes</b> for tracking all jobs (job events are not dispatched through CPCA).</p>
Use_Meap_Driver	Yes	<p>When set to <b>No</b>, it will use Canon System driver to read USB data.</p> <p>MFP setting: <b>Use USB Device</b> check box</p> <p>When set to <b>Yes</b>, it will use Canon <b>MEAP</b> driver to read USB data.</p> <p>MFP setting: <b>Use MEAP Driver for USB Input Device</b> check box.</p> <p>Recommended when interacting with other apps like eCopy, EFIPrintMe, and so on.</p> <p>MFP setting: <b>Use MEAP Driver for USB External Device</b> check box</p> <p>Using MEAP driver</p>

### System settings

Setting (with example)	Description
Admin_Password:admin123	Password used for emote login access to the MFP with a Web browser (Remote UI) once Copitrak Canon ES is installed.
Domain_Name:Copitrak.ca	This setting is taken as a part of the user's email address.

Setting (with example)	Description
	Emails are sent to the following email address: (username)@(domain name)
Server_Timeout:90000	This setting is a time limit (in ms) for responses from the CSS server. Do not change this value.
System_Timeout:60000	This setting is a time period (in ms) indicating how often Canon ES should communicate to the CSS Server. Recommended value: 60000 (60 sec)
Log_Wait_Time:60000	This setting is a time limit (in ms) for responses from the logging thread. Do not change this value.
Monitor_Thread_TO:300	This setting specifies a time limit (in min) for inactivity period. If this limit is exceeded, a new logging thread will be started. Do not change this value. This setting was introduced in MEAP 4 v4.0.1.15.
RT_Status_Interval:3000	This setting is used in Debugging and specifies a time period (in sec) defining how often the state of a current transaction is communicated to the CSS Server. When Debug log is enabled, the value for this setting must be 3000.
Track_eCopy_Status:No	This setting is used in Debugging, and indicates if eCopy interaction's is going to be tracked. Possible values: <b>Yes:</b> eCopy interaction is tracked. <b>No:</b> eCopy interaction is not tracked.
Currency:CAD	Currency assigned to transactions generated from Canon ES terminal. Refer to the ERSCurrency.xml file for accurate values.
Track_Copy_Trans:Yes	This setting specifies if Canon ES is going to write COPY type transactions to EXR files.
Track_Scan_Trans:No	This setting specifies if Canon ES is going to write SCAN type transactions to EXR files. If Scantrak or eCopy (or any other 3rd party Scan application) is installed, then this setting must be set to No, to avoid double "scan" transactions.
Track_Other_Trans:No	This setting specifies if Canon ES is going to write transaction types (that is, Fax) to EXR files.

Setting (with example)	Description
Server_Connect:Connecting To CSS Server	Configurable message displayed when Canon ES connects to the CSS Server.
Server_Down:CSS Server Unreachable	Configurable message displayed when a connection to the CSS Server cannot be established.
Server_Wait:Waiting For Server to Respond...	Configurable message displayed when waiting for a response from the CSS Server.
Trans_File_Full:Transaction File Is Full!	Configurable message displayed if the maximum size of the internal transactions file is reached.  The internal transactions file store transactions when the CSS server is unreachable.
Event_Log_Fail:	This setting must be blank (no value) to avoid the following error message in red: Event Logging Failed, Transactions Not Being Logged!  This setting was introduced in MEAP 4 v4.0.1.15.
Monitor_Wait_Reset:Printer is warming up, please wait.	Message that will be displayed when the MFP is waking up a long inactivity time period.
Use_USB_Device:Yes	Not used. Implemented for MEAP 4.
Mode_Option:Copy	Used to specify the Modes available to the user.  Possible values:  <b>All:</b> Copy and DRS Modes. Two(2) buttons will be displayed.  <b>Copy:</b> Copy Mode Only. No buttons. The main screen is "Enter User ID". This is the default value.
Mode_Prompt:Please Select Mode	Configurable message displayed when the user has to select a mode: [Mode_Option:All]

### User validation – copy mode

Setting (with example)	Description
Copy_User_Validation: Absolute(CF)	User validation options for copy mode.  Possible values:  <b>Open:</b> No validation with CSS Server.  <b>Absolute:</b> Will validate an entered User ID on the CSS Server.  <b>Absolute(CF):</b> Will validate an entered User ID on the CSS Server. If the CSS Server is unreachable access to the Copy mode will be unrestricted for all users.
Copy_Require_Password: No	Configuration of the level of password authentication for Copy mode.  Possible values:

Setting (with example)	Description
	<p><b>No:</b> Password is not required.</p> <p><b>Prompt:</b> Password must be entered every time the user enters Copy mode.</p> <p><b>Retrieve:</b> Password must be entered only the first time the user enter the Copy mode. The password will be stored.</p> <p>NetworkId SQL profile is required.</p> <p>Settings in <b>Winers.ini</b> are required:</p> <pre>[Paths] LogPath=D:\ERS\logfiles (Path to the Logfile folder) [LCWIN Server] StorePasswords=Yes</pre> <p><b>Retrieve With Badge:</b> If a badge is used for validation the user will be required to enter his/her password only the first time he/she enters Copy Mode. In all other cases the user is required to enter a password every time he/she enters Copy mode.</p> <p>Badge SQL profile is required.</p> <p><b>Skip With Badge:</b> Password is not required if a Badge is used for validation. In all other cases the user is required to enter a password every time he/she enters Copy mode.</p> <p>Badge SQL profile is required.</p>
Copy_Enable_PEUser: Yes	This setting is not used.
User_Prompt:	Configurable prompt for a user ID.
User_Reject:	Configurable error message for an invalid user ID.
Password_Prompt:	Configurable prompt for entering a password. This is also used for Document Retrieval System (DRS) mode.
Password_Reject:	Configurable error message for an invalid password.

### Account settings

Settings (with example)	Description
Account_Validation: Absolute(CF)	<p>Possible values:</p> <p><b>Default:</b> The default account will be validated on the CSS Server.</p> <p><b>Open:</b> No validation.</p> <p><b>Absolute:</b> Will validate an entered account on the CSS Server.</p>

Settings (with example)	Description
	<b>Absolute(CF)</b> Will validate an entered account on the CSS Server. If the CSS Server is unreachable access will be unrestricted for all users.
Account_Auto_Search: Yes	The value of this option specifies if the Search feature is enabled or disabled on the left panel.  Possible values: <b>Yes: Search is enabled.</b> <b>No: Search is disabled.</b>
Account_Separator	The value of this option specifies the Account separator character, when the user presses the * key from the numeric keyboard.
Account_Override: Yes	The value of this option specifies if the Override button is enabled or disabled.  <b>No:</b> Override is disabled. <b>Yes:</b> Override is enabled.
Account_Prompt: Please Enter Account Code	Configurable prompt value for Enter Account Number.
Account_Reject: Invalid Account Code, Try Again	Configurable message displayed if the account entered is not valid.
Account_Default: Default Account	The default account used when Account Validation is set to <b>Default</b> .
Account_Search_Prompt: Please Enter Super-Search Term...	Configurable prompt value.
Account_Show_Favorites: Yes	This setting specifies if the Favorites feature is enabled on the left panel.  Possible values: <b>No:</b> Favorites is disabled. <b>Yes:</b> Favorites is enabled.
Account_Description: No	This setting displays an <b>Enter Description</b> field on the same screen as <b>Enter Account Number</b> .  Possible values: <b>Yes: Enter Description</b> entry field is available, and it is mandatory to enter a description, regardless of the account type. <b>No: Enter Description</b> entry field is disabled.

Require_Description: No	<p>This setting specifies if the user has to enter a job description. The <b>Enter Description</b> entry field will be displayed on a different screen, and this will be shown depending on the value specified (No, Yes, Blank).</p> <p>Possible values:</p> <p><b>No:</b> No description is required, regardless if it is a Non-Billable account. <b>Enter Description</b> field is not displayed.</p> <p><b>Yes:</b> Description is required for all accounts, including Billable accounts. <b>Enter Description</b> field is displayed.</p> <p><b>Blank (or a value other than Yes and No):</b> job description is required only for non-billable accounts.</p>
Description_Prompt: Enter Description	Configurable message displayed when the user has to enter a job description.

### Lawyer settings

Settings (with example)	Description
Lawyer_Validation: Default	<p>Lawyer ID validation options.</p> <p>Possible values:</p> <p><b>Default:</b> Will always log in as the default lawyer. It doesn't validated against CSS Server</p> <p><b>Open:</b> No Lawyer ID validation.</p> <p><b>Absolute:</b> Will validate an entered Lawyer ID on the CSS Server.</p> <p><b>Absolute(CF):</b> Will validate an entered lawyerId on the CSS Server. If the CSS Server is unreachable access to the Copy mode will be unrestricted for all users.</p>
Lawyer_Prompt: Please Enter Lawyer Number	Configurable prompt value.
Lawyer_Reject: Invalid Lawyer ID, Try Again.	Configurable message displayed if an entered Lawyer ID is not validated.
Lawyer_Default: Default Lawyer	The default lawyer ID.
Lawyer_Assume_User: No	Used when Lawyer Validation is either Absolute or Absolute(CF).

### Document Retrieval System (DRS) mode settings

Settings (with example)	Description
DRS_Authentication: Full	<p>This setting specifies if the user can select an account for a print job.</p> <p>Possible values:</p>

Settings (with example)	Description
	<p><b>Full:</b> Users must enter an account in order to release a Secured Print job.</p> <p><b>User_Only:</b> Users are not required to enter an account in order to release a Secured Print job.</p>
<p>DRS_User_Validation: Absolute(CF)</p>	<p>User validation options for DRS mode.</p> <p>Possible values:</p> <p><b>Open:</b> No validation with CSS Server.</p> <p><b>Absolute:</b> Will validate an entered User ID on the CSS Server.</p> <p><b>Absolute(CF):</b> Will validate an entered User ID on the CSS Server. If the CSS Server is unreachable access to the Copy mode will be unrestricted for all users.</p>
<p>DRS_Require_Password: No</p>	<p>Configuration of the level of password authentication for the DRS mode.</p> <p>Possible values:</p> <p><b>No:</b> Password is not required.</p> <p><b>Prompt:</b> Password must be entered every time the user enters DRS mode.</p> <p><b>Retrieve:</b> Password must be entered only the first time the user enter the DRS mode. The password will be stored.</p> <p>NetworkId SQL profile is required.</p> <p>Settings in the Winers.ini file are required:</p> <pre>[Paths] LogPath=D:\ERS\logfiles (Path to the Logfile folder) [LCWIN Server] StorePasswords=Yes</pre> <p><b>Retrieve With Badge:</b> If a badge is used for validation the user will be required to enter his/her password only the first time he/she enters Copy Mode. In all other cases the user is required to enter a password every time he/she enters DRS mode.</p> <p>Badge SQL profile is required.</p> <p><b>Skip With Badge:</b> Password is not required if a Badge is used for validation. In all other cases the user is required to enter a password every time he/she enters DRS mode.</p> <p>Badge SQL profile is required.</p>

DRS_Delegate: Yes	<p>This setting specifies if users who are granted the role of a manager can have access to print jobs of the users associated with them.</p> <p>Possible values:</p> <p><b>Yes:</b> If users are granted the role of a manager, they can access print jobs of the users associated with them.</p> <p><b>No:</b> Users can only manage their own print jobs.</p>
DRS_Delegate_Prompt: Please Select Delegate	Configurable prompt value.
Doc_Date_Format:EEE yyyy-MM-dd HH:mm:ss	Configuration date format.
DRS_Retrieve_All: Yes	<p>This setting specifies if the button <b>Retrieve all</b> is enabled or disabled.</p> <p>Possible values:</p> <p><b>Yes:</b> <b>Retrieve all</b> is enabled.</p> <p><b>No:</b> <b>Retrieve all</b> is disabled.</p>
DRS_Search_Prompt: Please Select Document	Configuration prompt value.
DRS_Selected_Prompt: Documents Selected	Configurable prompt value.
DRS_Doc_Password: No	<p>This setting specifies if the user has to enter a password for password protected documents.</p> <p>Possible values:</p> <p><b>No:</b> Users are required to enter passwords for password protected documents.</p> <p><b>Yes:</b> Users are not required to enter passwords for password protected documents.</p>
DRS_Doc_Password_Prompt: Please Enter Document Password	Configurable message displayed when the user is required to enter a password for a password protected document.
DRS_Quantity_Prompt: Please Enter Number Of Set	Configurable prompt value.

## Other settings

Settings (with example)	Description
JobWait_Prompt: Please Wait Until Job is Done	Configurable message value.
JobWait_InProgress: Job In Progress...	Configurable message value.

Settings (with example)	Description
JobWait_MakingTrans: Making Transaction...	Configurable message value.
JobWait_EndingJob: Ending Job...	Configurable message value.
JobWait_Next:Yes	<p>This option specifies if the <b>Back</b> button will be enable, so the logged in user can select a new account number a proceed with a new job.</p> <p>This is the equivalent of <b>Next</b> button on an Eclipse terminal</p> <p>Possible values:</p> <p><b>Yes:</b> <b>Back</b> button is enabled, so when a job has been completed the user can either press the <b>End</b> button and be taken to the login screen or press the <b>Back</b> button and do another job without the need to re-enter their credentials.</p> <p><b>No:</b> <b>Back</b> button is disabled. When a job has been completed the user is taken to the login screen.</p>

### Page type settings

Settings (with example)	Description
PageType_AutoSense: Yes	<p>This setting specifies if page types must be detected automatically or selected manually.</p> <p>Possible values:</p> <p><b>No:</b> page types are selected manually.</p> <p><b>Yes:</b> page types are detected automatically.</p>
PageType_Prompt: Please Select Page Type	Configurable message displayed when the user is prompted to select page types manually.

### North American paper types

Default\_Copy\_Type:Copy\_All\_Types

- Copy\_Type1:030314=Plain\_BW\_Letter
- Copy\_Type2:030316=Plain\_BW\_Legal
- Copy\_Type3:030313=Plain\_BW\_Ledger
- Copy\_Type4:030414=Plain\_Color\_Letter
- Copy\_Type5:030416=Plain\_Color\_LGL
- Copy\_Type6:030413=Plain\_Color\_Ledger
- Copy\_Type7:140314=Photo\_BW\_Letter
- Copy\_Type8:140316=Photo\_BW\_Legal

- Copy\_Type9:140313=Photo\_BW\_Ledger
- Copy\_Type10:140414=Photo\_Color\_Letter
- Copy\_Type11:140416=Photo\_Color\_Legal
- Copy\_Type12:140413=Photo\_Color\_Ledger

Default\_Scan\_Type:Scan\_All\_Types

- Scan\_Type1:020303=Scan\_BW\_Small
- Scan\_Type2:020304=Scan\_BW\_Large
- Scan\_Type3:020403=Scan\_Color\_Small
- Scan\_Type4:020404=Scan\_Color\_Large

### European paper types

Default\_Copy\_Type:Copy\_All\_Types

- Copy\_Type1:030305=A3BW
- Copy\_Type2:030306=A4COL
- Copy\_Type3:030313=Plain\_BW\_Ledger
- Copy\_Type4:030405=A3COL
- Copy\_Type5:030406=A4COL
- Copy\_Type6:030413=Plain\_Color\_Ledger
- Copy\_Type7:140314=Photo\_BW\_Letter
- Copy\_Type8:140316=Photo\_BW\_Legal
- Copy\_Type9:140313=Photo\_BW\_Ledger
- Copy\_Type10:140414=Photo\_Color\_Letter
- Copy\_Type11:140416=Photo\_Color\_Legal
- Copy\_Type12:140413=Photo\_Color\_Ledger

Default\_Scan\_Type:Scan\_All\_Types

- Scan\_Type1:020303=Scan\_BW\_Small
- Scan\_Type2:020304=Scan\_BW\_Large
- Scan\_Type3:020403=Scan\_Color\_Small
- Scan\_Type4:020404=Scan\_Color\_Large

## Configuration

### Scan to Myself feature settings

The Scan to Myself feature sends the scanned document by email to the logged in user.

On Canon ES MEAP 4, there is not a setting for email, so two different settings are combined:

- **NetworkId** SQL profile (or NetworkId2), which is specified in Manager module
- Company's **Domain**, which is specified in the CFG file, in **Dns\_Domain\_Name** setting

### Badge ID profile configuration

In Canon Embedded, users can log in using a Proximity Card. That card has an ID (number), which is called "Badge ID" in Copitrak System Software.

### Add a Badge ID in CSS Manager

1. Open **CSS Manager > System Configuration**, and expand **Lists > Validation Lists > User** and select **Master**.
2. From the list, select the corresponding user.
3. In the **Profiles** list, select **Badge** and enter the card number in the text entry field. Click **Add**.
4. Click **Save & Close**.

### Validate LCWIN

1. Open **CSS Manager > Validation Services**.
2. Select **Accept Network/Badge and Department Logins**.
3. Restart PmkServiceMan service (LCWIN).

### Enable USB on Canon MFP

1. Access the MFP using the steps in [Access the MFP on a Web browser](#).
2. Select **Settings/Registration > External Interface > USB Settings**.
3. Select the **Use MEAP Driver for USB Input Device** option.

**Note:** Older versions of Canon Embedded use the first option, **Use USB Device**.

## Insert account separator sign automatically – RTCOM

To insert the account separator sign by LCWIN, configure the following information in the C:\ERS\SERVER\RTCOM.ini file:

- The position where the character is going to be inserted and the Account Separator sign: `MaskForceSeparator=<number>, -`  
where <number> is the position where the character (in this case, the hyphen) is going to be inserted.
- You can configure the account separator sign from the **Configuration Manager > Validation Services**, in the **Validation Field Masking** section. Update the values in the Account **Separator** and **Insert At Position** fields.

## Configure DEBUG mode

Canon Embedded uses the DebugLogger app to generate log files based on the MFP. To enable Debug logs from Canon ES MEAP 4, set the following values in the CFG file:

`Debug_Host: 192.168.72.120`

`Debug_Level: 5`

`Debug_Port: 10007`

`Debug_Show_Free_Memory: No`

`Track_eCopy_Status: Yes`

Where:

- `Debug_Host` is the IP address of server where DebugLogger is running from
- `Debug_Level` is the debug message level (5=all debug messages, 1=general messages)
- `Debug_Port` is the default value
- `Debug_Show_Free_Memory` is the MFP free memory that Canon Embedded will install
- `Track_eCopy_Status` displays eCopy messages.