



Tungsten Copitrak

Canon Embedded System Installation and Configuration Guide

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TUNGSTEN
AUTOMATION

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Preface

This guide provides instructions for administrators who are responsible for installing and configuring the Tungsten Copitrak Canon Embedded System (ES) MEAP 10 devices version 6.2.0.2.

System requirements

System requirements are listed in the *Technical Specifications* document, which is available from the [Tungsten Copitrak Product Documentation](#) site. The document is updated regularly, and we recommend that you review it carefully before installing your product.

Related documentation


Product documentation for Tungsten Copitrak 3.5.0 is available here:

<https://docshield.tungstenautomation.com/Portal/Products/Copitrak/3.5.0-9iemtxkeno/Copitrak.htm>

Getting help with Tungsten Automation products

The [Tungsten Automation Knowledge Portal](#) repository contains articles that are updated on a regular basis to keep you informed about Tungsten Automation products. We encourage you to use the Knowledge Portal to obtain answers to your product questions.

To access the Tungsten Automation Knowledge Portal, go to <https://knowledge.tungstenautomation.com/>.

 The Tungsten Automation Knowledge Portal is optimized for use with Google Chrome, Mozilla Firefox, or Microsoft Edge.

The Tungsten Automation Knowledge Portal provides:

- Powerful search capabilities to help you quickly locate the information you need.
Type your search terms or phrase into the **Search** box, and then click the search icon.
- Product information, configuration details and documentation, including release news.
To locate articles, go to the Knowledge Portal home page and select the applicable Solution Family for your product, or click the View All Products button.

From the Knowledge Portal home page, you can:

- Access the Tungsten Automation Community (for all customers).
On the Resources menu, click the **Community** link.
- Access the Tungsten Automation Customer Portal (for eligible customers).
Go to the [Support Portal Information](#) page and click **Log in to the Customer Portal**.
- Access the Tungsten Automation Partner Portal (for eligible partners).
Go to the [Support Portal Information](#) page and click **Log in to the Partner Portal**.
- Access Tungsten Automation support commitments, lifecycle policies, electronic fulfillment details, and self-service tools.
Go to the [Support Details](#) page and select the appropriate article.

Prerequisites

Canon ES MEAP 10 installation requires the following:

- Canon ES MEAP 10 Installation Package (.JAR/.LIC files and .XML file).
- CSS Server configuration (terminal_setup.ini) with DFI 6.1.41 (or higher) and LCWIN installed.

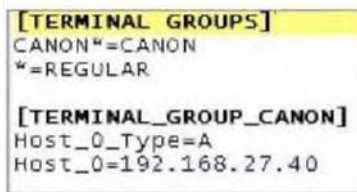
If you are not sure how to set up DFI, follow the DFI installation manual that comes with the software. DFI also requires its own license.

Remember to add bindings for https (TLS/SSL) in IIS Manager when you install DFI. Leave the server name field empty so that the IP is used.

- Copitrak license, which is based on the MFP serial number.


Set up CSS server

1. Upgrade LCWIN32_SQL.exe.
The required minimum version for Canon ES is 2018.704.146.
2. If the following terminal configuration files are not preset in the `ERS\SERVER` folder, place a copy there:
 - `TERMINAL_SETUP.INI.PRM`
 - `Terminal_setup.ini`
3. In the `ERS\SERVER\Terminal_setup.ini` file, create a terminal group for the Canon ES terminals.
Enter the IP address of the ERS server for `Host_0`.
No other 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
```

 The ERS server IP address must be specified in the `Terminal_setup.ini` file, not in the .XML file.

4. From the installation package, copy the `terminal_CANON_setup.xml` file to the `\inetpub\wwwroot\CopitrakDFI\Config` folder.
5. Rename this file to match the terminal group that was set up in [3](#):
`terminal_xxxx_setup.xml`
Where `xxxx` is the terminal group name.
6. Open the `terminal_xxxx_setup.xml` file in a text editor, and update the settings as required for the client.
For more details of each setting, see [XML configuration file settings for Canon ES MEAP 10](#).
7. In the `\inetpub\wwwroot\CopitrakDFI\Config` folder, open the `terminal_setup.ini` file in a text editor, and update the Terminal ID mapping.
The format of the `terminal_setup.ini` file should be as follows:

```
[TERMINAL_GROUPS]
CANON888=CANON
CANON1=CANON
*=CANON
```


Where `CANON888` and `CANON1` are the Terminal IDs, and `CANON` is the Terminal Group name.
8. 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.

Terminal Setup

Terminal Defaults

Master Terminal List

ID	Unit Class	Device Name	Location	Comm	UI	Bypass
CANON01	DIAMonde/Pro	Canon ES				
CANON02	DIAMonde/Pro	Canon ES				
ECL01	DIAMonde/Pro	eclipse				
MTL01	DIAMonde/Pro	HP				
MTL02R	DIAMonde/Pro	RECOH				
MTL03	DIAMonde/Pro	HRM				

Diamond Detail

Diamond Sub-Type: Combo (CFI)

Communication Protocol

DHCP: ☐ IP Address: 192 - 168 - 27 - 39

Client IP Port: 4140 Server IP Port: 4141

Scan Mode: No Scan

Host name/IP Addr:

©CIC/ID/PEAP A03:

©Copy© Port:

Real Time:

Alternative Pricing

Copy

Letter/Legal: STANDARD

Color/Special: COLOR

Fax

Local/Incoming:

Long/International:

Toll Charge Markup: 0.00

Toll Sub Path:

Install Canon ES MEAP 10 Login application on the iR-Advance device

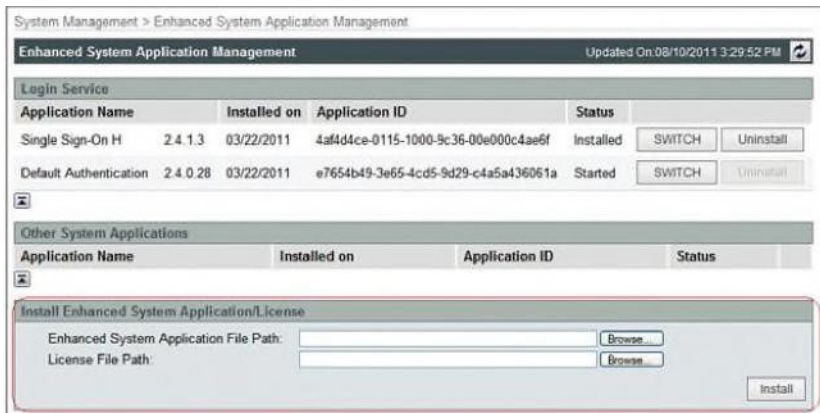
1. Browse to <http://ipaddress:8000/sms>, where **ipaddress** is the IP address of the Canon iR-Advance.
For example: <http://192.168.27.51:8000/sms>.
2. Enter the password to log in.
Canon default password is MeapSmsLogin.



3. Select **Enhanced System Application Management**.



4. Locate **Installed Enhanced System Application/License**.



5. In **Enhanced System Application File Path**, enter the full path where the .JAR file is located.
6. In **License File Path**, enter the full path where the .LIC file is located.
7. Click **Install**.
8. On the confirmation dialog box, select **Yes**.
9. You may get a warning if the other installed applications do not support Canon Access Management System (AMS). On the confirmation screen, select **OK**.



10. Once the application is installed, select **Switch** to start it. The status changes from **Installed** to **Start after restart**.

Login Service				
Application Name	Installed on	Application ID	Status	
Copitrak ES For CM	4.3.0.17	02/12/2015	49f2191f-010a-1000-b1db-00e000c4ae6f	Installed [SWITCH] [Uninstall]
Single Sign-On H	2.12.1.1	08/01/2014	4af4d4ce-0115-1000-9c36-00e000c4ae6f	Installed [SWITCH] [Uninstall]
Default Authentication	2.4.1.3	08/01/2014	e7654b49-3e65-4cd5-9d29-c4a5a436061a	Started [SWITCH] [Uninstall]

Login Service				
Application Name	Installed on	Application ID	Status	
Copitrak ES For CM	4.3.0.17	02/12/2015	49f2191f-010a-1000-b1db-00e000c4ae6f	Start after Restart [SWITCH]
Single Sign-On H	2.12.1.1	08/01/2014	4af4d4ce-0115-1000-9c36-00e000c4ae6f	Installed [SWITCH]
Default Authentication	2.4.1.3	08/01/2014	e7654b49-3e65-4cd5-9d29-c4a5a436061a	Stop after Restart [SWITCH]

11. Make sure that AMS mode is on.

To do this, go to **Setting Registration > Management Settings > License/Other > Access Management settings**.

12. Once the MFP starts, the Copitrak ES Configuration screen is displayed.

Copitrak ES For CM (6.2.56)
Kofax
Machine ID: WKN05395

Unit ID	Unit IP
CANON888	10.17.1.14
Server IP address	Server port
10.17.12.57	
Administrator Name	Administrator Password
	admin123
Dns Domain Name	
NUANCE.COM	
NetBios Domain Name	
NUANCE	

Copitrak Done

13. In the **Unit ID** field, enter the terminal name configured in ERS.
For example: CANON888.
14. In the **Server IP address** field, enter the CSS server IP address.
15. For the **Server Port** field, this release does not use the server port. Connection uses the standard https port 443.
16. Enter the **Administrator Name**.
The **Administrator Password**, **DNS Domain Name**, and **NetBios Domain Name** are the values that are set in the .XML file. They will be loaded to the MFP after you click **Done**.
17. Click **Done**.
18. To verify the setting, log in using the Copitrak Master Password 09182736.
19. Power cycle the MFP.
This is required in order for the MFP to apply the new settings.

Admin login

This feature adds a user or a group of users on the Copitrak server Admin access to the Canon ES features. When the Copitrak application is installed on the Canon MFP, the MFP's admin features can now be accessed. Users are assigned to an Admin user group on the Copitrak database and any user belonging to the Admin user group has administrator privileges to the Canon MFPs.

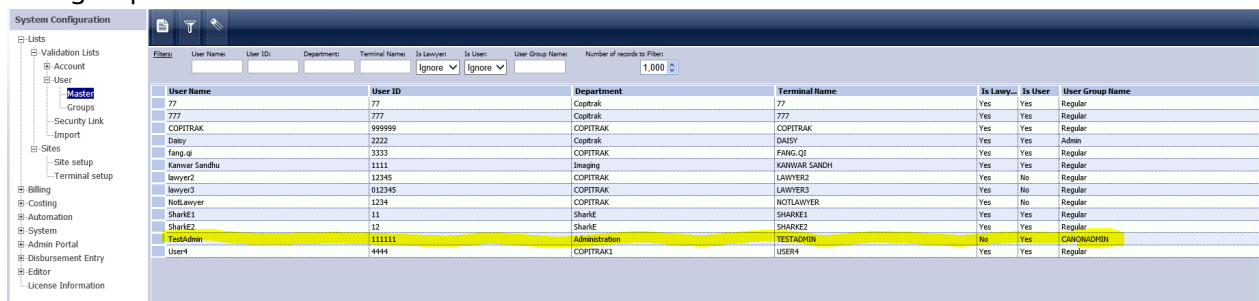
Any user who belongs to a specific user group can log in as Canon Admin to the Canon ES features.

In a client environment, all non-Admin users belong to the Regular user group. Only some users who have special privileges are assigned to the Admin user group. If you add a user or multiple users to this group, they have admin access to Canon features.

To extend this functionality, make this user group name configurable. To do this, add the following setting to the terminal_CANON_settings.xml file:

```
<setting name="Admin_User_Group_Name" value="CANONADMIN"/>
```

Then a new user group can be created on the Copitrak server side and users can be assigned to this user group.



User Name	User ID	Department	Terminal Name	Is Lawyer	Is User	User Group Name
77	77	Copitrak	77	Yes	Yes	Regular
777	777	Copitrak	777	Yes	Yes	Regular
COPITRAK	999999	COPITRAK	COPITRAK	Yes	Yes	Admin
Daisy	2222	Copitrak	DAISY	Yes	Yes	Admin
fang.qi	3333	COPITRAK	FANG.QI	Yes	Yes	Regular
Kanwar Sandhu	1111	Insing	KANWAR SANDH	Yes	Yes	Regular
lawyer2	12345	COPITRAK	LAWYER2	Yes	No	Regular
lawyer3	012345	COPITRAK	LAWYER3	Yes	No	Regular
NotLawyer	1234	COPITRAK	NOTLAWYER	Yes	No	Regular
SharKE1	11	SharKE	SHARKE1	Yes	Yes	Regular
SharKE2	12	SharKE	SHARKE2	Yes	Yes	Regular
TestAdmin	111111	Administration	TESTADMIN	No	Yes	CANONADMIN
User4	4444	COPITRAK1	USER4	Yes	Yes	Regular

The setting `<setting name="Admin_User_Group_Name" value="ADMIN"/>` is the default for the Admin user group on the Copitrak server. If a new user group is added on the server side, specifically for Canon ES, this setting is always modified in the terminal_CANON_setup.xml file for that user group.


i It is recommended that you create a separate user group on the Copitrak server that includes only those users who are supposed to have Admin access to the Canon ES. This example shows CANONADMIN as the new user group.

Once the user on the Copitrak server side is configured for the Admin user group, you can log in to the Canon ES application using that user ID to access the Canon Admin features.

Admin login for standard scenarios

The following procedure explains how to log in as an Admin for any scenario except Print Only tracking.

1. Press the **Copy** button on the Canon ES.
2. Log in using an admin user's user ID.
3. Select an account and follow the same workflow as a standard user.
Successful login takes you to the Canon Native interface.
4. Now you can perform any copy or scan job as a standard user. In addition, you can also access any of the Canon Admin features.
5. Press the **Settings/Registration** button on the right side to access personal and device settings.

 A standard user can only see the personal settings.

6. Click on the device settings, and you will see that you have the same access as the Canon provided admin account and can perform both standard transactions and admin settings on the MFP.

Admin login in a Print Only tracking scenario

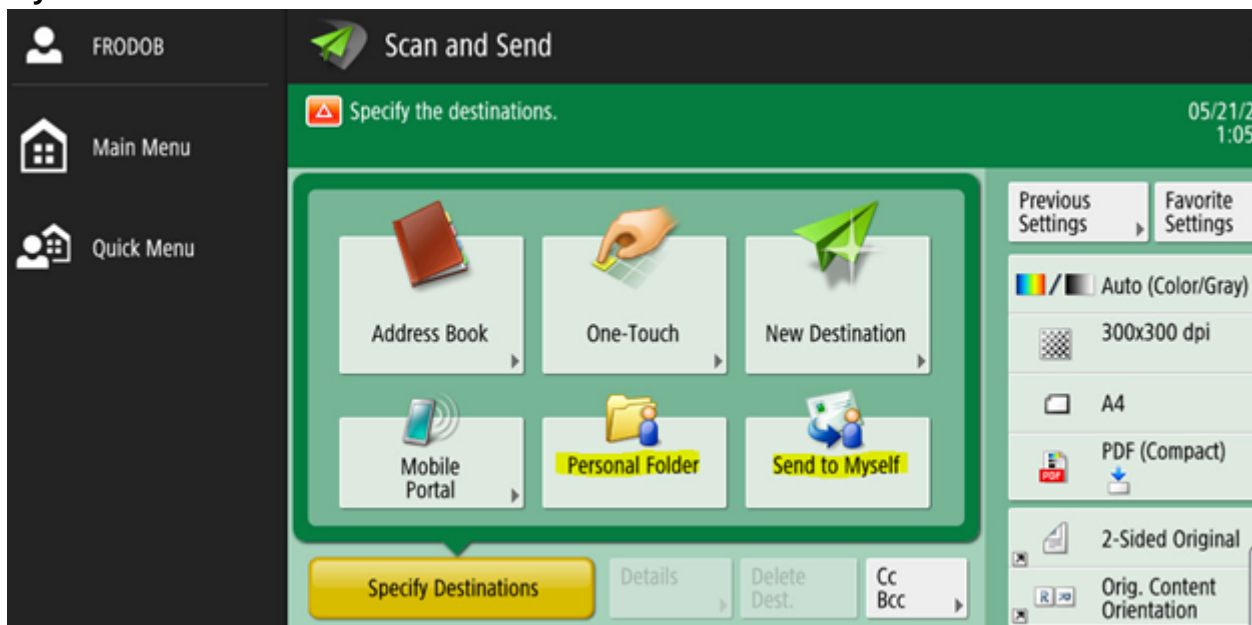
Use the Print Only tracking scenario for customers who wish to print without tracking copies.

Print Only Tracking scenario refers to the setting: `<setting name="Menu_CopyButton_Display" value="No" />`.

1. Press the DRS button and enter MEAPADMIN as the personalID. (MEAPADMIN is all uppercase).
The Canon Native UI appears, and all Admin functions are available.
2. Use this account to perform copy, print or scan transactions.
These transactions are tracked with UserID=MEAPADMIN and AccountID=MEAPADMIN.

Send To Myself/My Folder

The Send To Myself and Send To My Folder features allow the user to show or hide the **Send To Myself** and **Personal Folder** buttons used with the Canon Scan and Send feature.



To access this feature, add a new setting called `Allow_Send_To_Myself` to the `terminal_CANON_setup.xml` file.

```
<setting name="Archive_DataBase_Label" value="Archive DB"/>
<setting name="Done_Label" value="Done"/>
<setting name="Admin_User_Group_Name" value="CanonAdmin"/>
<setting name="Allow_Send_To_Myself" value="Yes"/>
</config>
```


Setting this option to `Yes` or `No` determines the display of the **Send To Myself** and **Personal Folder** buttons.

The default value for this setting is `Yes`.

To hide the **Send To Myself** and **Personal Folder** buttons, do the following.

1. Change `Allow_Send_To_Myself` to `No`.
2. Reload the settings on the MFP.
To do this, enter 09182736 on the prompt, and then press **Done**.
3. Restart the MFP.
This step is required since the user controls are constructed at the application startup.

4. Once the MFP restarts, log in and you will see that the buttons are disabled.

 This setting applies to all types of users including the Admin user, Standard user and Guest user.

Uninstall the Copitrak Canon ES application

1. Browse to <http://ipaddress:8000/sms>; where **ipaddress** is the IP address of the Canon iR-Advance.

For example: <http://192.168.27.51:8000/sms>.

2. Enter the password to log in.
Canon default password is MeapSmsLogin.

3. Select **Enhanced System Application Management**.

4. In the **Login Service** section, select **Default Authentication** by clicking **SWITCH**.

Login Service					
Application Name	Installed on	Application ID	Status		
Copitrak ES For CM	4.0.1.15	10/14/2011	49f2191f-010a-1000-b1db-00e000c4ae6f	Started	SWITCH Uninstall
Single Sign-On H	2.4.1.3	03/22/2011	4af4d4ce-0115-1000-9c36-00e000c4ae6f	Installed	SWITCH Uninstall
Default Authentication	2.4.0.28	03/22/2011	e7654b49-3e65-4cd5-9d29-c4a5a436061a	Installed	SWITCH Uninstall

The status for the Default Authentication application will change from **Installed** to **Start after Restart**.

The status for Copitrak ES for CM will change from **Started** to **Stop after Restart**.

5. Power cycle the MFP.

6. Log in again, and repeat steps [1](#) to [3](#).
7. Access the MFP through Web Interface - Remote UI.
After installing the Canon ES application, the copier needs a User ID and password to access it through a web browser.
8. Enter the URL <http://IPAddress>.



Enter a user name and password and click [Log In].

User Name: 1

Password: ●●●●●●●●

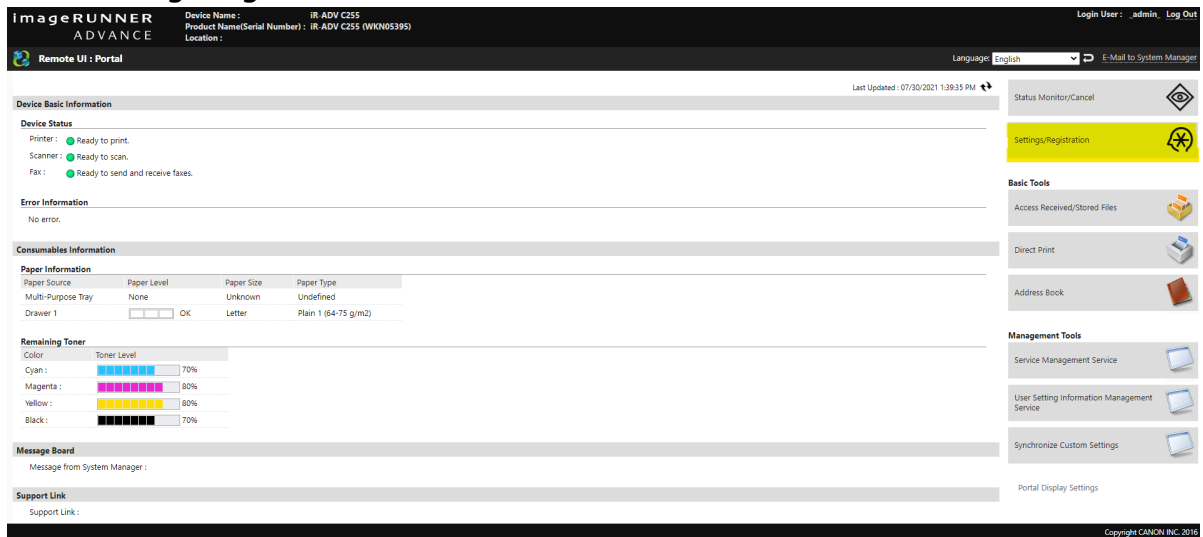
Log In

9. In the **User Name** field, enter 1.
This is hard-coded on the embedded application and cannot be changed.
10. In the **Password** field, enter the password set in the .XML file as Admin_Password.

Set timeout on MFP

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

1. Access the MFP through the Web Interface - Remote UI.
2. Select **Settings/Registration**.



3. Select **Timer/Energy Settings** on the left menu.
4. Under the **Preference: Timer/Energy Settings** tab, select **Timer/Energy Settings**.



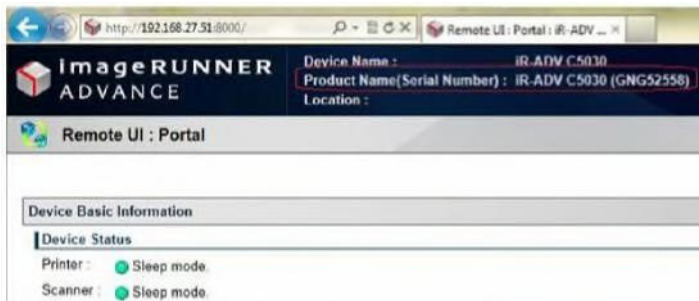
5. Set **Auto Reset Time** to a value greater than the **System_Timeout** setting in the .XML file. For example, if `<System_Timeout:360000>` is set in the .XML file, then you should set **Auto Reset Time** to **After 7 minutes**.
6. Click **OK**.

License requirements

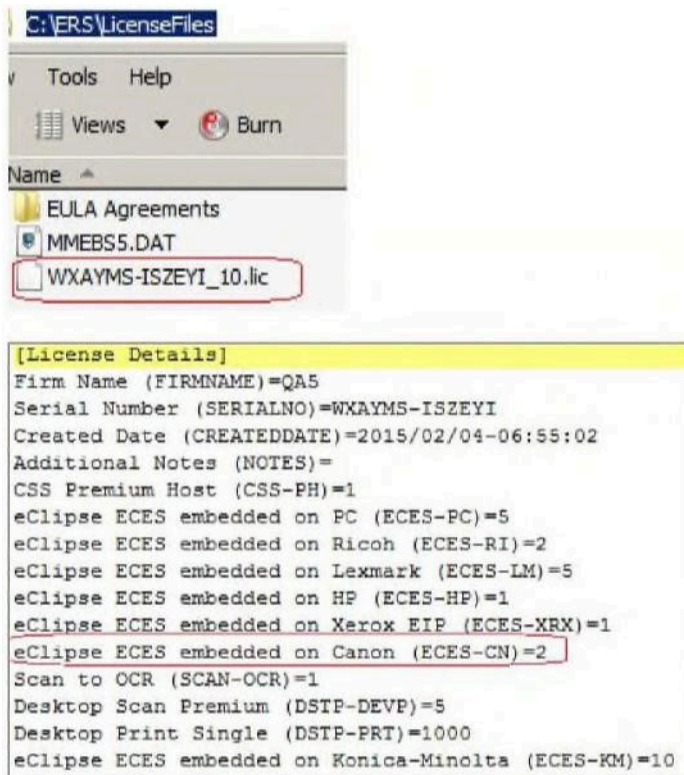
The embedded terminal shall require a valid Copitrak license to run. Upon initial installation, a seven-day trial period will be enabled during which the software will run without a license. Upon the expiry of this period, the software does not function without a valid license and prompts users that the trial period is ended.

In order to generate a Copitrak License, the MFP's serial number such as MNW00839 is required.

The serial number can be acquired from the **Remote UI > Product Name (Serial Number)**.



If the system is CSS700 Release 2 (or higher), which contains a new License Manager, a .LIC file is required with the number of MFPs running the Canon embedded application.



The information on the .XPS file is still required to be entered in System Options and Diamond Simulator must be enabled.

Copittrak DFI license

Copittrak DFI requires a separate license.

Refer to the *Copittrak DFI Installation Guide*, and contact Tungsten Automation for more details.

XML configuration file settings for Canon ES MEAP 10

This section provides instructions on how to set up the .XML configuration file to work with Canon ES MEAP 10.

Required settings

An .XML file with the settings replaces the .CFG file that was used in earlier versions. The settings remain the same.

Each setting entry in the .XML file is in the following format:

```
<setting name="xxxx" value="yyyy"/>
```

To change a configuration, find the entry with the correct setting name (as listed in the table below) and replace "yyyy" with the value you desire.

System settings

Settings (with example)	Description
Admin_Password: admin123	Password used for Remote Login access to the MFP via a web browser (Remote UI) once the Copitrak Canon ES has been installed.
Domain_Name: copitrak.ca	This setting is taken as a part of the user's email address. Emails are sent to the following email address: (username)@(domain name).
Server_Timeout: 90000	This setting is a time limit (in milliseconds) for responses from DFI. Do not change this value.
System_Timeout: 60000	This setting is a time period (in milliseconds) indicating how often Canon ES should communicate to DFI. This value is not used; instead, it is controlled by the https client.
Debug_Port	Do not change the value, which is used internally for development.

Settings (with example)	Description
Currency: CAD	Currency assigned to transactions generated from the Canon ES terminal. See ERSCurrency.xml for accurate values.
Track_Copy_Trans: Yes	Specifies if Canon ES is going to write COPY type transactions to .EXR files.
Track_Scan_Trans: No	Specifies if Canon ES is going to write SCAN type transactions to .EXR files.
Track_Other_Trans: No	Specifies if Canon ES is going to write transaction types such as Fax to .EXR files.
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 DFI Server cannot be established.
Server_Wait: Waiting For Server to Respond...	Configurable message displayed while awaiting response from the DFI Server.
Trans_File_Full: Transaction File Is Full!	<p>Configurable message displayed if the maximum size of the internal transactions file is reached.</p> <p>The internal transactions file stores transactions when the CSS server is unreachable.</p> <p>Copitrak ES version 6.2.x.x and higher no longer use this setting.</p>
Event_Log_Fail:	To avoid the error message Event Logging Failed. Transactions Not Being Logged!, this setting must be blank (no value).
Monitor_Wait_Reset: Printer is warming up. Please wait.	Message displayed when the MFP is waking up after a long inactivity time period.
Use_USB_Device: Yes	Not used. Implemented for MEAP4.
Mode_Option: Copy	<p>Used to specify the Modes available to the user.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • All: Copy and DRS modes. Two buttons are displayed. • Copy: Copy mode only. No buttons. The main screen is Enter User ID. <p>Default value is Copy.</p>
Mode_Prompt: Select Mode	Configurable message displayed when the user has to select a mode: [Mode_Option:All]

Settings (with example)	Description
Dns_Domain_Name:	Value used for Scan to Myself feature.
NetBios_Domain_Name:	Value used for Canon Secured Print Mode .
Use_Imi_For_Tracking:	<p>Set to Yes if Fax jobs are required to be tracked.</p> <p>It uses a new set of Paper Types codes. For example:</p> <p>Copy_Type7:30303=BWCOPY</p> <p>Copy_Type8:30403=CLRCOPY</p> <p>Scan_Type5:20202=Scan_Letter</p> <p>Scan_Type6:20403=Scan_Color</p>
Use_Meap_Driver:	<p>When set to No, the Canon System driver is used to read USB data.</p> <p>MFP settings: When set to Yes, the Canon MEAP driver is used to read USB data.</p> <p>MFP settings: Recommended when interacting with other applications such as eCopy, EFIPrintMe and others.</p> <p>MFP settings: Use MEAP driver.</p>

User validation - Copy mode

Settings (with example)	Description
Copy_User_Validation: Absolute(CF)	<p>User Validation Options for Copy mode.</p> <p>Possible values:</p> <ul style="list-style-type: none">• Open: No validation with the CSS server.• Absolute: Validate an entered User ID on the CSS server.• Absolute(CF): Validate an entered User ID on the CSS server. If the CSS server is unreachable, access to the Copy mode is unrestricted for all users.
Copy_Require_Password: No	<p>Configure the password authentication level for Copy mode.</p> <p>Possible values:</p> <ul style="list-style-type: none">• No: Password is not required.

Settings (with example)	Description
	<ul style="list-style-type: none">• Prompt: Password must be entered every time the user enters the Copy mode.• Retrieve: Password must be entered only the first time the user enters the Copy mode. Password is stored. NetworkId SQL profile is required. Settings in Winers.ini are required: [Paths] LogPath=D:\ERS\logfiles (<i>Path to the Logfile folder</i>) [LCWIN Server] StorePasswords=Yes• Retrieve With Badge: If a badge is used for validation, users are required to enter their password only the first time they enter the Copy mode. In all other cases, users are required to enter a password every time they enter the Copy mode. Badge SQL profile is required.• Skip With Badge: Password is not required if a badge is used for validation. In all other cases, users are required to enter a password every time they enter the Copy mode.
Copy_Enable_PEUser: Yes	Not used.
User_Prompt:	Configurable Prompt for User ID.
User_Reject:	Configurable error message for invalid User ID.
Password_Prompt:	Configurable Prompt for Enter password. This is also used for DRS mode.
Password_Reject:	Configurable error message for invalid Password.

Account settings

Settings (with example)	Description
Account_Validation: Absolute(CF)	<p>Possible values:</p> <ul style="list-style-type: none">• Default: The default account is validated on the CSS server.• Open: No validation with the CSS server.

Settings (with example)	Description
	<ul style="list-style-type: none">• Absolute: Validate an entered account on the CSS server.• Absolute(CF): Validate an entered account on the CSS server. If the CSS server is unreachable, access to the Copy mode is unrestricted for all users.
Account_Auto_Search: Yes	<p>The value of this option specifies if the Search feature is enabled or disabled on the left panel.</p> <p>Possible values:</p> <ul style="list-style-type: none">• Yes: Search is enabled.• No: Search is disabled.
Account_Separator:-	<p>The value of this option specifies the Account separator character when the user presses the asterisk key (*) from the numeric keyboard.</p>
Account_Override: Yes	<p>The value of this option specifies if the Override button is enabled or disabled.</p> <p>Possible values:</p> <ul style="list-style-type: none">• Yes: Override button is enabled.• No: Override button is disabled.
Account_Prompt: Please Enter Account Code	<p>Configurable prompt value for Enter Account Number.</p>
Account_Reject: Invalid Account Code. Try Again.	<p>Configurable message displayed if an entered account is not a valid one.</p>
Account_Default: Default Account	<p>The default account used when Account Validation is set to Default.</p>
Account_Search_Prompt: Enter Super-Search Term...	<p>Configurable prompt value.</p>
Account_Show_Favorites: Yes	<p>This setting specifies if the Favorites feature is enabled or disabled on the left panel.</p> <p>Possible values:</p> <ul style="list-style-type: none">• Yes: Favorites is enabled.• No: Favorites is disabled.
Account_Description: No	<p>This setting displays Enter Description entry field on the same screen as Enter Account Number.</p>

Settings (with example)	Description
	<p>Possible values:</p> <ul style="list-style-type: none">• Yes: Enter Description entry field is available, and it is mandatory to enter one regardless of the account type.• No: Enter Description entry field is disabled.
Require_Description: No	<p>This setting specifies if the user is required to enter a job description. The Enter Description entry field is displayed on a different screen, based on the value specified (No, Yes, or Blank).</p> <p>Possible values:</p> <ul style="list-style-type: none">• No: No description is required, even for non-billable accounts. No Enter Description screen is displayed.• Yes: Description is required for all accounts including billable accounts. The Enter Description screen is displayed.• Blank (or a value other than Yes or No): Job description is required only for non-billable accounts.
Description_Prompt: Enter Description	Configurable message displayed when the user is required to enter a job description.

Lawyer settings

Settings (with example)	Description
Lawyer_Validation: Default	<p>Lawyer ID Validation options.</p> <p>Possible values:</p> <ul style="list-style-type: none">• Default: The default lawyer is not validated against the CSS server.• Open: No Lawyer ID validation.• Absolute: Validate an entered Lawyer ID on the CSS server.• Absolute(CF): Validate an entered Lawyer ID on the CSS server. If the CSS server is unreachable, access to the Copy mode is unrestricted for all users.
Lawyer_Prompt: Please Enter Lawyer Number	Configurable prompt value.

Settings (with example)	Description
Lawyer_Reject: Invalid Lawyer ID. Try Again	Configurable message displayed if an entered Lawyer ID is not validated.
Lawyer_Default: Default Lawyer	Default Lawyer ID.
Lawyer_Assume_User: No	<p>Used when Lawyer Validation is either Absolute or Absolute(CF).</p> <p>Possible values:</p> <ul style="list-style-type: none">• Yes: If users are also configured as Lawyers in the CSS database, they are not required to enter a Lawyer ID.• No: Users are required to enter a Lawyer ID.

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> <ul style="list-style-type: none">• Full: Users must enter an account to release a secured print job.• User_Only: Users are not required to enter an account to release a secured print job.
DRS_User_Validation: Absolute(CF)	<p>User validation options for DRS mode.</p> <p>Possible values:</p> <ul style="list-style-type: none">• Open: No validation with the CSS server.• Absolute: Validate an entered User ID on the CSS server.• Absolute(CF): Validate an entered User ID on the CSS server. If the CSS server is unreachable, access to the Copy mode is unrestricted for all users.
DRS_REquire_Password: No	<p>The value of this option specifies the Account separator character when the user presses the asterisk key (*) from the numeric keyboard.</p>
Account_Override: Yes	<p>Configure the password authentication level for the DRS mode.</p> <p>Possible values:</p> <ul style="list-style-type: none">• No: Password is not required.

Settings (with example)	Description
	<ul style="list-style-type: none"> • Prompt: Password must be entered every time the user enters the DRS mode. • Retrieve: Password must be entered only the first time the user enter the DRS mode. Password is stored. NetworkId SQL profile is required. Settings in Winers.ini are required: [Paths] LogPath=D:\ERS\logfiles (<i>Path to the Logfile folder</i>) [LCWIN Server] StorePasswords=Yes • Retrieve With Badge: If a badge is used for validation, users are required to enter their password only the first time they enter the Copy mode. In all other cases, users are required to enter a password every time they enter the DRS mode.
DRS_Delegate: Yes	<p>This setting specifies if a user who is granted the manager role has access to print jobs of the users associated with him/her.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Yes: If the user is granted the manager role, that user can access print jobs of the users associated with him/her. • No: Users can manage only their print jobs.
DRS_Delegate_Prompt: Please Select Delegate	Configurable prompt value.
Doc_Date_Format:EEE yyyy-MM-dd HH:mm:ss	Configurable date format.
DRS_Retrieve_All: Yes	<p>This setting specifies if the Retrieve all button is enabled or disabled.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Yes: The Retrieve all button is enabled. • No: The Retrieve all button is disabled.
DRS_Search_Prompt: Please Select Document	Configurable prompt value.
DRS_Selected_Prompt: Documents Selected	Configurable prompt value.
DRS_Doc_Password: No	This setting specifies if the user is required to enter a password for password-protected documents.

Settings (with example)	Description
	Possible values: <ul style="list-style-type: none">• No: Users are required to enter a password for password-protected documents.• Yes: Users are not required to enter a password for password-protected documents.
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: 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.
JobWait_MakingTrans: Making Transaction...	Configurable message value.
JobWait_EndingJob: Ending Job...	Configure message value.
JobWait_Next: yes	<p>This option specifies if the Back button is enabled, so the logged-in user can select a new account number and proceed with a new job.</p> <p>This is the equivalent of the Next button on the Eclipse terminal.</p> <p>Possible values:</p> <ul style="list-style-type: none">• Yes: Back button is enabled. Therefore, when a job has been completed, the user can either press the End button and be taken to the login screen or press the Back button and do another job without re-entering his/her credentials.• No: Back button is disabled. When a job has been completed, the user is taken to the login screen.
Admin_User_Group_Name: Admin	<p>This setting specifies the user group on the server side, which is to be used for Canon Admin users.</p> <p>Any users on the Copitrak server added to this user group would have admin access to the Canon MFP.</p>

Settings (with example)	Description
Allow_Send_To_Myself: Yes	<p>This setting determines if you want to display the Send To Myself and Personal Folder options to the logged-in users.</p> <p>Setting this to No disables the buttons from the Canon UI.</p> <div> This setting applies to all three user types: Admin user, Standard user, and Guest user.</div>

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> <ul style="list-style-type: none">• No: Page types are selected manually.• Yes: Page types are detected automatically.
PageType_Prompt: Please Select Page Type	Configurable message displayed when the user is prompted to select page types manually.

Configure 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

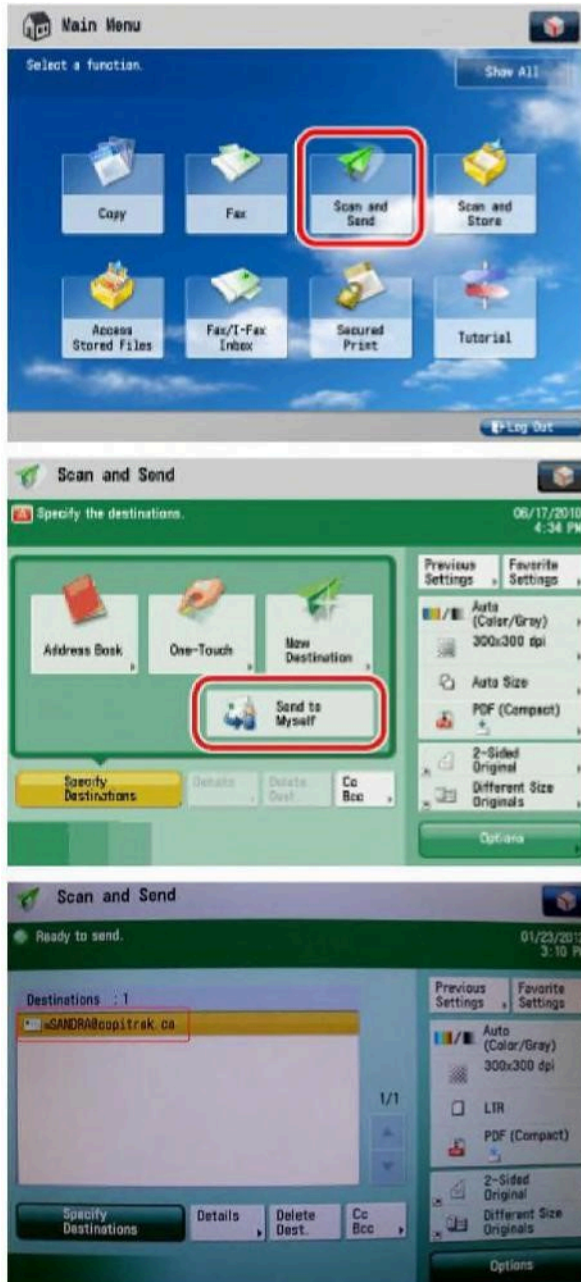
Copy_Type10:140414=Photo_Color_Letter
Copy_Type11:140416=Photo_Color_Legal
Copy_Type12:140413=Photo_Color_Ledger
Default_Scan_Type:Scan_All_Types
Scan_Type1:020303=Scan_BW_Small
Scan_Type2:020304=Scan_BW_Large
Scan_Type3:020403=Scan_Color_Small
Scan_Type4:020404=Scan_Color_Large

Configure 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

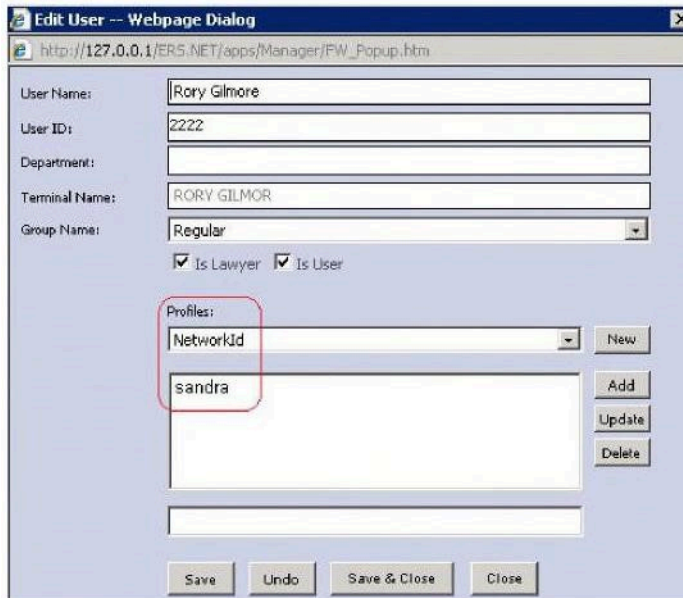
Use Canon Scan To Myself feature

The Send To Myself feature sends the scanned documents to the logged-in user by email.



On Canon ES MEAP 7, there is no setting for email. Therefore, two settings must be combined:

- **NetworkId** SQL profile (or NetworkId2), which is specified in the Manager module.



The screenshot shows a web-based user management interface. The title bar reads 'Edit User -- Webpage Dialog'. The address bar shows 'http://127.0.0.1/ERS.NET/apps/Manager/FW_Popup.htm'. The form contains the following fields and controls:

- User Name: Text box with 'Rory Gilmore'
- User ID: Text box with '2222'
- Department: Empty text box
- Terminal Name: Text box with 'RORY GILMOR'
- Group Name: Dropdown menu with 'Regular' selected
- Is Lawyer: Checked checkbox
- Is User: Checked checkbox
- Profiles: A section with a dropdown menu showing 'NetworkId' and a list box containing 'sandra'. To the right of the list box are buttons for 'New', 'Add', 'Update', and 'Delete'.
- Bottom buttons: 'Save', 'Undo', 'Save & Close', and 'Close'.

- Company's **Domain**, which is specified in the .XML file, in the `Dns_Domain_Name` setting.

```
Admin_Password:admin123
Dns_Domain_Name:CPKTEST.com
NetBios_Domain_Name:CPKTEST
```

Configure Badge ID profile

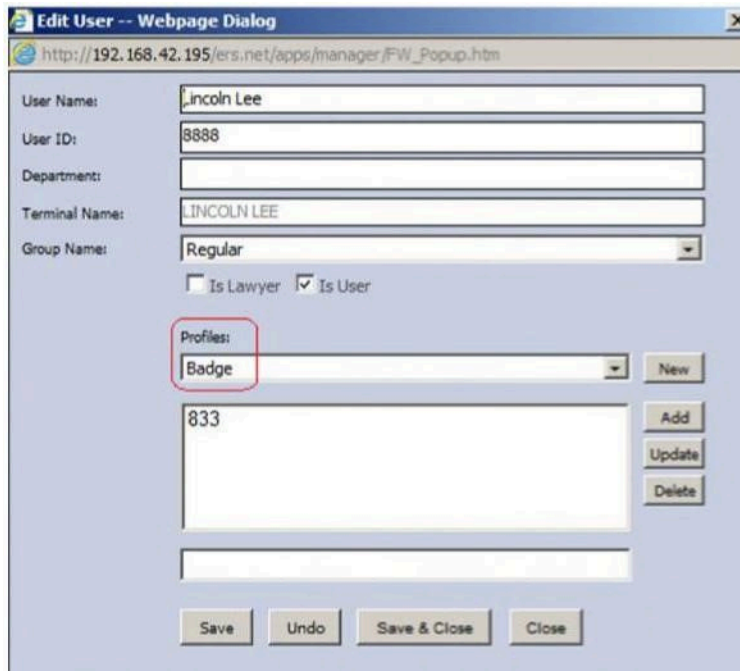
In Canon ES, users can log in using a Proximity Card. That card has an ID number, which is called "Badge ID" in the Copitrak System Software (CSS).

Add a Badge ID in CSS Manager

1. Open CSS Manager.
2. Navigate to **System Configuration > Lists > Validation Lists > User > Master**.



3. From the list, select the corresponding user.
4. In **Profile**, select **Badge**.
5. Enter the card number (833 in this example), and then click **Add**.



6. Click **Save & Close**.

LCWIN validation

1. Open Config File Manager.
2. Select **Validation Services**.
3. Check the **Accept Network/Badge and Department Logins** box.

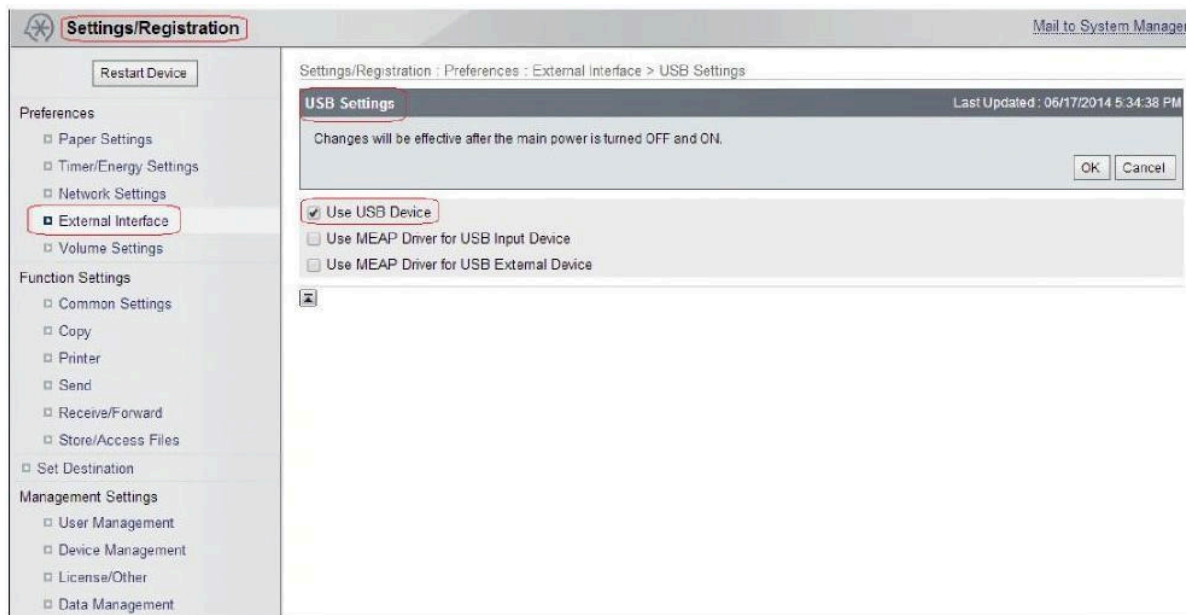


4. Restart the PmkServiceMan service (LCWIN) to implement this setting.

Enable USB on Canon MFP

1. Access the MFP through the Web Interface - Remote UI.

2. Select **Settings/Registration > External Interface > USB Settings.**
3. Select **Use MEAP Driver for USB Input Device.**
Earlier versions of Canon ES use the first option **Use USB Device.**

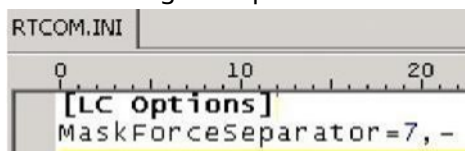


Automatic insertion of Account Separator Sign - RTCOM

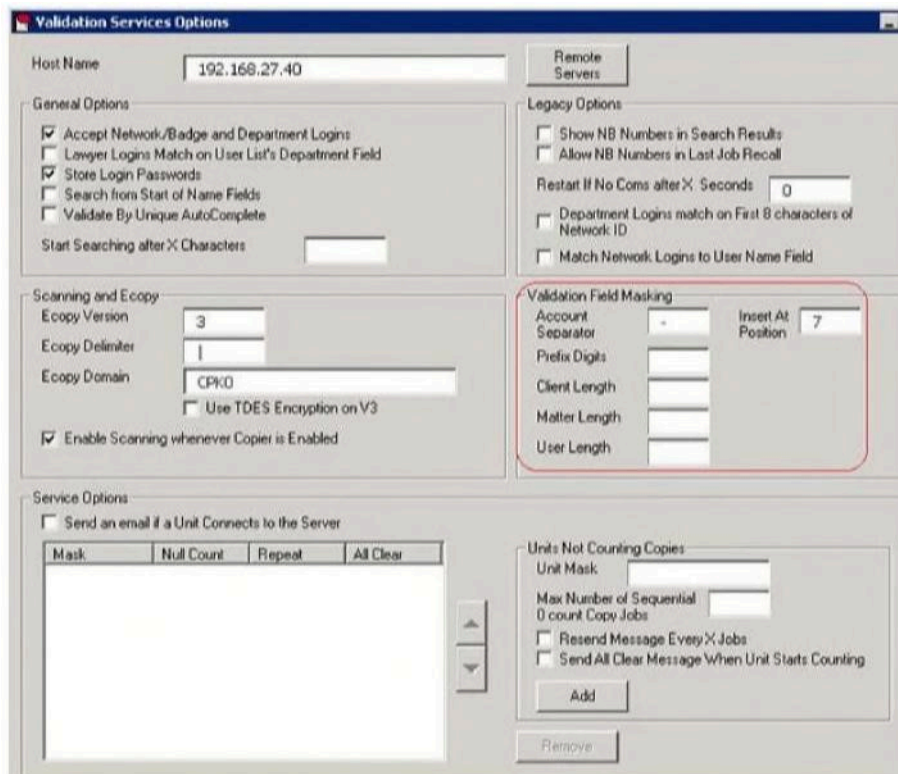
To have the account separator sign inserted by LCWIN, the following must be configured in the \SERVER\RTCOM.ini file:

- Position where the character is going to be inserted.
- Account Separator sign

The following example is for an account format: 123456-7890.



Configure this setting in **Config File Manager > Validation Services > Validation Field Masking**.



Configure Debug mode

Debug logging is enabled by default.

You can download the logs from the Canon SMS portal.

