

Kofax Copitrak Canon Embedded System Installation and Configuration Guide

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## Preface

This guide provides instructions for administrators who are responsible for installing and configuring the Kofax 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 Kofax 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 Kofax Copitrak 3.4.0 is available here:

https://docshield.kofax.com/Portal/Products/Copitrak/3.4.0-csb5nx1k32/Copitrak.htm

#### Getting help with Kofax products

The Kofax Knowledge Portal repository contains articles that are updated on a regular basis to keep you informed about Kofax products. We encourage you to use the Knowledge Portal to obtain answers to your product questions.

To access the Kofax Knowledge Portal, go to https://knowledge.kofax.com.

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

The Kofax 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 Kofax Community (for all customers).

On the Resources menu, click the **Community** link.

- Access the Kofax Customer Portal (for eligible customers).
   Go to the Support Portal Information page and click Log in to the Customer Portal.
- Access the Kofax Partner Portal (for eligible partners). Go to the Support Portal Information page and click **Log in to the Partner Portal**.
- Access Kofax support commitments, lifecycle policies, electronic fulfillment details, and selfservice 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.xmlWhere 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.

		Master	Terminal List			
ID	Unit Class	Device Name	Location	Comm	UI	Bypas
CANON01	DIAMonde/Pro	CanonEm	K. Contraction	The second second	the second second	
CANON02	DIAMonde/Pro	Canon ES				Г
ECL01	DIAMonde/Pro	eClipse				Г
MTL01	DIAMonde/Pro	HP				Г
MTL02R	DIAMonde/Pro	RICCH				Г
SU TW	DitaMonde/Dan	HOM				F
Diamonde Sub Communicat	-Type: Combo (C tion Protocol	FIQ	Alternal Copy Letter/L	egal:	STANDARD	3
Diamonde Sub- Communicat DHCP:	Type: Combo (0 tion Protocol IP Address: 192 . 4140 @ Serv	FR)	Alternal Copy Letter/L 39 Color/50	tive Pricing egal: pecial:	STANDARD	• •
Diamonde Sub Communicat DHCP:	Type: Combo (0 tion Protocol IP Address: 192 41.40 () Serv No Scan	FR) 166 . 27 . ver IP Port: 414 ¥	Alternal     Copy     Letter/L     S9     Fax     Local/In	tive Pricing egal: pecial: coming:	STANDARD COLOR	
Diemonde Sub- Communicat DHCP: C Client IP Port: Scan Mode:	Type: Corrbo (Corrbo (	FIQ 168 . 27 . ver IP Port: 414 	Alternal Copy Letter/L 39 Color/59 11 O Fax Local/In Long/In Tol Cha	egal: egal: pecial: coming: ternational: ros Markup:	STANDARD	• • •
Diamonde Sub- Communicat DHCP: C Client IP Port: Scan Mode: Host name/DP scary O TEXP	Type: Corrbo (Corrbo (Corrbo ) Corrbo (Corrbo ) Corrbo (Corrbo ) IP Address: 192 . 4140   Sen No Scan Solution	2FX) • <b>166</b> • <b>27</b> • • ver IP Port: 414 •	Alternal Copy Letter/L 39 Color/Sy Letter/L 39 Color/Sy Local/In Local/In Tol Cha	tive Pricing egal: pecial: coming: ternational: rge Markup:		▼ ▼ ▼ 0.00

# 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.

imageRUNNER ADVANCE	IR-ADV C5030 / IR-ADV C503	307	
Service Managemen	nt Service		
Device Serial Number: GNG52558			
	Login		
	Enter password.		
	Password:	•••••	
			Log in

3. Select Enhanced System Application Management.



4. Locate Installed Enhanced System Application/License.

Login Service	_					_	
Application Name		Installed on	Application ID		Status		
Single Sign-On H	24.1.3	03/22/2011	4af4d4ce-0115-1	000-9c36-00e000c4ae6f	Installed	SWITCH	Uninstall
Default Authentication	2.4.0.28	03/22/2011	e7654b49-3e65-	4cd5-9d29-c4a5a436061a	Started	SWITCH	
X							
Other System Applica	ations						
Application Name		Inst	alled on	Application ID		Status	
Install Enhanced Syst	tem Applic	cation/License					
Enhanced System	Applicatio	n File Path:			Brows	-	

- 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**.

	•
Before starting 'Copitrak ES For CM', pay attention	to the following notes that concern the operations of other applications installed on the device.
Message from Copitrak ES For CM This application can set function restrictions to each user using Copitrak Login Appli	ication.
Applications that do not support the functions this application supports.	
Application Name	Application ID
DSL installer Service	2ca34a18-7f8a-4fd9-8de9-511e2963b733
Nuance Unified Client	508d5f70-0127-1000-adc8-00e000c4ae6f
Service Management Service	c6b78400-9a49-45a7-a08e-9aa393e62287
ShareScan	3e7d3ea7-52cc-4273-9bc5-76b7b60a98e2
	OK Cancel

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

and the second second
Uninstall
Uninstall
SWIT
SWIT

e7654b49-3e65-4cd5-9d29-c4a5a436061a

**11.** Make sure that AMS mode is on.

2413

08/01/2014

Default Authentication

SWITCH

Stop after Restart

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 E	S For CM (6.2.56) Kofax
	Unit ID	Unit IP
	CANON888	10.17.1.14
	Server IP address	Server port
	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 addess.
- **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.

tem Configuration							
ists							
-Validation Lists	Fibers: User Name: User ID: Departmen	t: Terminal Name: Is Lavvyer: Is User: Use	r Group Name: Number of records to Filter:				
B-Account		Ignore V Ignore V	1,000 🤤				
B-User							
Master	UserName	User ID	Department	Terminal Name	Is Lawy	. Is User	User Group Name
Groups	77	77	Copitrak	77	Yes	Yes	Regular
Excudby Link	777	777	Copitrak	777	Yes	Yes	Regular
Decuncy Link	COPITRAK	999999	COPITRAK	COPITRAK	Yes	Yes	Regular
Import	Daisy	2222	Copitrak	DAISY	Yes	Yes	Admin
∃-Sites	fang.qi	3333	COPITRAK	FANG.QI	Yes	Yes	Regular
Site setup	Kanwar Sandhu	1111	Imaging	KANWAR SANDH	Yes	Yes	Regular
-Terminal setup	lawyer2	12345	COPITRAK	LAWYER2	Yes	No	Regular
alling	lawyer3	012345	COPITRAK	LAWYER3	Yes	No	Regular
Costing	NotLawyer	1234	COPITRAK	NOTLAWYER	Yes	No	Regular
utomation	SharkE1	11	SharkE	SHARKE1	Yes	Yes	Regular
vstem	SharkE2	12	SharkE	SHARKEZ	Yes	Yes	Regular
dmin Portal	TestAdmin	111111	Administration	TESTADMIN	No	Yes	CANONADMIN
Schurzomont Entry	User4	4444	COPITRAKI	USER4	Yes	Yes	Regular
Disbursement Entry							
Editor							
License Information							

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.

• 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  $\tt Allow\_Send\_To\_Myself$  to the terminal\_CANON\_setup.xml file.



Setting this option to  ${\tt Yes}$  or  ${\tt No}$  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.

**i** 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.

imageRUNNER ADVANCE	IR-ADV C5030 / IR-ADV C503	0/	
Service Managemen	nt Service		
Device Serial Number: GNG52558			
	Login		
	Enter password.		
	Password:		
			Log In

3. Select Enhanced System Application Management.



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

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.

C C Attp	o:// <b>192.168.27.51</b> :8000/rps/
Enter a user name	and password and click [Log In].
User Name: 1	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.

imager /	<b>RUNNER</b> Advance	Device N Product Location	lame : Name(Serial Num : :	iR-ADV C255 ber) : iR-ADV C255 (WKN053	95)	Login User : _admin	Log Out
👸 Remote	UI : Portal				Language: Er	iglish 🗸 🔁 E-Mail to System	m Manager
					Last Updated : 07/30/2021 1:39:35 PM 🛟		
Device Basic Inf	ormation					Status Monitor/Cancel	$\otimes$
Device Status							~
Printer : 😑	Ready to print.					Settings/Registration	( <del>X</del> )
Scanner : 🔵	Ready to scan.						~ ~ ~
Fax : 🔵	Ready to send and receiv	ve faxes.				Basic Tools	
Error Informati	ion					Access Received /Stored Eller	100
No error.						Access Necented, storied Thes	
Consumables In	formation					Direct Print	1
Paper Informat	tion						1
Paper Source	Paper Leve	2l	Paper Size	Paper Type			
Multi-Purpose	Tray None		Unknown	Undefined		Address Book	
Drawer 1		OK	Letter	Plain 1 (64-75 g/m2)			
Remaining Ton	ar.					Management Tools	
Color	Toner Level					Service Management Service	-
Cyan :		70%				Service management Service	6
Magenta :		80%					-
Yellow :		80%				Service	2
Black :		70%					
Message Board						Synchronize Custom Settings	
Message from	n System Manager :						
Support Link						Portal Display Settings	
Support Link							
- apport tink						Comunicate CANIC	DALING 2016

- 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 Diamonde Simulator must be enabled.

#### Copitrak DFI license

Copitrak DFI requires a separate license.

Refer to the Copitrak DFI Installation Guide, and contact Kofax 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.

Settings (with example)	Description
Debug_Port	Do not change the value, which is used internally for development.
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!	Configurable message displayed if the maximum size of the internal transactions file is reached.
	The internal transactions file stores transactions when the CSS server is unreachable.
	Copitrak ES version 6.2.x.x and higher no longer use this setting.
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	Used to specify the Modes available to the user.
	Possible values:
	• All: Copy and DRS modes. Two buttons are displayed.
	• <b>Copy</b> : Copy mode only. No buttons. The main screen is <b>Enter User ID</b> .
	Default value is <b>Copy</b> .

Settings (with example)	Description
Mode_Prompt: Select Mode	Configurable message displayed when the user has to select a mode: [Mode_Option:All]
Dns_Domain_Name:	Value used for <b>Scan to Myself</b> feature.
NetBios_Domain_Name:	Value used for <b>Canon Secured Print Mode</b> .
Use_Imi_For_Tracking:	Set to Yes if Fax jobs are required to be tracked.
	It uses a new set of Paper Types codes. For example:
	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
Use_Meap_Driver:	When set to No, the Canon System driver is used to read USB data.
	MFP settings: When set to Yes, the Canon MEAP driver is used to read USB data.
	MFP settings: Recommended when interacting with other applications such as eCopy, EFIPrintMe and others.
	MFP settings: Use MEAP driver.

#### User validation - Copy mode

Settings (with example)	Description
Copy_User_Validation: Absolute(CF)	User Validation Options for Copy mode.
	Possible values:
	• <b>Open</b> : No validation with the CSS server.
	• <b>Absolute</b> : Validate an entered User ID on the CSS server.
	• <b>Absolute(CF)</b> : 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	Configure the password authentication level for Copy mode.

Settings (with example)	Description
	Possible values:
	• <b>No</b> : Password is not required.
	<ul> <li>Prompt: Password must be entered every time the user enters the Copy mode.</li> </ul>
	• <b>Retrieve</b> : 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
	• <b>Retrieve With Badge</b> : 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.
	• <b>Skip With Badge</b> : 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)	<ul> <li>Possible values:</li> <li><b>Default</b>: The default account is validated on the CSS server.</li> </ul>

Settings (with example)	Description
	• <b>Open</b> : No validation with the CSS server.
	• <b>Absolute</b> : Validate an entered account on the CSS server.
	<ul> <li>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.</li> </ul>
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</b> : Search is enabled.
	• <b>No</b> : Search is disabled.
Account_Separator:-	The value of this option specifies the Account separator character when the user presses the asterisk key (*) from the numeric keyboard.
Account_Override: Yes	The value of this option specifies if the Override button is enabled or disabled.
	Possible values:
	• <b>Yes</b> : Override button is enabled.
	• <b>No</b> : Override button is disabled.
Account_Prompt: Please Enter Account Code	Configurable prompt value for Enter Account Number.
Account_Reject: Invalid Account Code. Try Again.	Configurable message displayed if an entered account is not a valid one.
Account_Default: Default Account	The default account used when Account Validation is set to <b>Default</b> .
Account_Search_Prompt: Enter Super-Search Term	Configurable prompt value.
Account_Show_Favorites: Yes	This setting specifies if the Favorites feature is enabled or disabled on the left panel.
	Possible values:
	• <b>Yes</b> : Favorites is enabled.
	• <b>No</b> : Favorites is disabled.
Account_Description: No	This setting displays <b>Enter Description</b> entry field on the same screen as <b>Enter Account Number</b> .

Settings (with example)	Description
	Possible values:
	<ul> <li>Yes: Enter Description entry field is available, and it is mandatory to enter one regardless of the account type.</li> </ul>
	• No: Enter Description entry field is disabled.
Require_Description: No	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).
	Possible values:
	<ul> <li>No: No description is required, even for non- billable accounts.</li> </ul>
	No Enter Description screen is displayed.
	<ul> <li>Yes: Description is required for all accounts including billable accounts. The Enter Description screen is displayed.</li> </ul>
	• <b>Blank</b> (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	Lawyer ID Validation options.
	Possible values:
	<ul> <li>Default: The default lawyer is not validated against the CSS server.</li> </ul>
	• <b>Open</b> : No Lawyer ID validation.
	<ul> <li>Absolute: Validate an entered Lawyer ID on the CSS server.</li> </ul>
	• <b>Absolute(CF)</b> : 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	Used when Lawyer Validation is either <b>Absolute</b> or <b>Absolute(CF)</b> . Possible values:
	<ul> <li>Yes: If users are also configured as Lawyers in the CSS database, they are not required to enter a Lawyer ID.</li> <li>No: Users are required to enter a Lawyer ID.</li> </ul>
	<ul> <li>Yes: If users are also configured as Lawyers in the CSS database, they are not required to enter a Lawyer ID.</li> <li>No: Users are required to enter a Lawyer ID.</li> </ul>

#### DRS mode settings

Settings (with example)	Description
DRS_Authentication: Full	This setting specifies if the user can select an account for a print job.
	Possible values:
	• <b>Full</b> : Users must enter an account to release a secured print job.
	• <b>User_Only</b> : Users are not required to enter an account to release a secured print job.
DRS_User_Validation: Absolute(CF)	User validation options for DRS mode.
	Possible values:
	• <b>Open</b> : No validation with the CSS server.
	• <b>Absolute</b> : Validate an entered User ID on the CSS server.
	• <b>Absolute(CF)</b> : 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	The value of this option specifies the Account separator character when the user presses the asterisk key (*) from the numeric keyboard.
Account_Override: Yes	Configure the password authentication level for the DRS mode.
	Possible values:
	• <b>No</b> : Password is not required.

Settings (with example)	Description
	• <b>Prompt</b> : Password must be entered every time the user enters the DRS mode.
	• <b>Retrieve</b> : 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
	• <b>Retrieve With Badge</b> : 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	This setting specifies if a user who is granted the manager role has access to print jobs of the users associated with him/her.
	Possible values:
	• <b>Yes</b> : If the user is granted the manager role, that user can access print jobs of the users associated with him/her.
	• <b>No</b> : 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	This setting specifies if the <b>Retrieve all</b> button is enabled or disabled.
	Possible values:
	• Yes: The Retrieve all button is enabled.
	• <b>No</b> : The <b>Retrieve all</b> 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> <li>No: Users are required to enter a password for password-protected documents.</li> </ul>
	• <b>Yes</b> : 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	This option specifies if the <b>Back</b> button is enabled, so the logged-in user can select a new account number and proceed with a new job.
	This is the equivalent of the <b>Next</b> button on the Eclipse terminal.
	Possible values:
	• 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.
	<ul> <li>No: Back button is disabled. When a job has been completed, the user is taken to the login screen.</li> </ul>
Admin_User_Group_Name: Admin	This setting specifies the user group on the server side, which is to be used for Canon Admin users.
	Any users on the Copitrak server added to this user group would have admin access to the Canon MFP.

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

#### Page type settings

Settings (with example)	Description
PageType_AutoSense: Yes	This setting specifies if page types must be detected automatically or selected manually.
	Possible values:
	• <b>No</b> : Page types are selected manually.
	• <b>Yes</b> : 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.

Iser Name:	Rory Gilmore			
Jser ID:	2222			
epartment:				
erminal Name:	RORY GILMOR			
iroup Name:	Regular			
	INERMORIN	- New		
	[ Leaster			
		10 ESMANNE		
	(Jonard )	Update		
	Junio	Update		
		Update		

• Company's **Domain**, which is specified in the .XML file, in the Dns\_Domain\_Name setting.

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.

Jser Name:	Lincoln Lee			
User ID:	8888			
Department:				
ferminal Name:	LINCOLN LEE			
Group Name:	Regular			
	Badge New R33 Add			
	033 Add Update			

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.

ost Name	192.168.42.195
eneral Options —	
Accept Netwo	ork/Badge and Department Logins
Lawyer Logins	s Match on User List's Department Field
Store Login P	asswords
Search from S	tart of Name Fields
Validate By U	nique AutoComplete

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 > Extenal 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 \ERS \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.

RICOM.INI		
Q.	10	20
[LC O	ptions]	
MaskF	orceSeparat	tor=7,-

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

Host Name 192.168.27.40				Remote Servers		
General Options  Accept Network/Badge and Department Logins  Convert Logins Motch on User List's Department Field  Store Login Passwords  Search from Start of Name Fields  Validate By Unique AutoComplete  Start Searching alter X Characters				Legacy Options Show NB Numbers in Search Results Allow NB Numbers in Last Job Recall Restart If No Coms alter X. Seconds Department Logins match on First 8 characters of Network ID Match Network Logins to User Name Field		
iervice Options	nal if a Unit Conne	cts to the Ser	Ver			
Mask	Null Count	Repeat	All Clear	Units Not Counting Copies		
				Max Number of Sequential O count Copy Jobs Resend Message Every X Jobs Send All Clear Message When Unit Starts Counting Add		

## Configure Debug mode

Debug logging is enabled by default.

You can download the logs from the Canon SMS portal.

