

Intralinks ESSO Setup Guide for Windows

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Setting up ESSO for Windows

This document explains how to perform a one-time set up for Windows user machines to allow users to access IRM-protected documents when their organization uses Exclusive Single Sign-On (ESSO). The procedures described in this document refer to the Single Sign-On (SSO) portion of ESSO that effects user machines.

Microsoft Office applications are configured by default to prompt users for a username and password when they open IRM-protected files as shown in the following image:

Microsoft	
Wo	ord
Microso	507 365
Configuring your computer for Inform	ation Rights Management
Windows Security	×
WINWORD.EXE	
The server services.intralinks.com and password.	is asking for your user name
That server also reports: "Intralink:	5".
User name	
Password	
Remember my credentials	
Remember my credentials	

Because SSO users do not use passwords, the setup procedures change the behavior of Microsoft Office to use the Intralinks login page that prompts for username only as shown in the following image.



	Hicrosoft - ×	
	Word Microsoft 365	
	Configuring your computer for Information Rights Management	
Windows	Rights Management	×
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	Deal/Marketing [~] 85% faster. 95% fever mistakes. Learn more	Ų

Without implementing these procedures, users cannot open IRM-protected documents on their machines when their organization uses ESSO. They may be able to view them online based on where they are located (US and UK only) and the type of file they opening.

The one-time setup for SSO users must be performed by a user that has Windows Administrator rights on the computer. The setup can be performed automatically using a setup file or it can be performed manually by changing the Windows registry. It is recommended that you use the setup file for the fastest and safest results.

Configuring SSO using the setup file

There are two script files that are available for configuring SSO. Use the SSO_Quisetup.reg file to set up SSO. Use the Rollback_SSO_Quick_Setup.reg file to revert the changes made by the setup file. Contact Intralinks Customer Support.

Changes made by the setup file

The Windows registry represents an organized set of data used by the operating system to configure various applications. The setup file, which is a script, adds new keys and data values to distinct paths in the Windows registry of the computer.

Office Application behavior can be modified by adding entries in the Windows registry. This script modifies Office applications to point users to the Intralinks login page. From there, Intralinks authentication is used and SSO users can log in without entering a password.

The following data is added to the registry:

• "FederationHomeRealm"="INTRALINKS_SSO"



"EnableBrowser"=dword:0000001

This data is added to the following paths in the registry:

- HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\MSIPC\ Federation
- HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSIPC\Federation
- HKEY_LOCAL_MACHINE\Software\Wow6432Node\Microsoft\MSDRM\Fed eration

Running the setup file

Use this procedure to automatically integrate user access with Intralinks.

To configure SSO using the setup file

- 1. Double click on the **SSO_Quick_setup.reg** file.
- 2. When asked if you want to allow this app to make changes to your device, click Yes.

User Account Control		×
Do you want to allow th changes to your device?	iis app to make ?	
💼 Registry Editor		
Verified publisher: Microsoft Wind	lows	
Show more details		
		-

3. When the Registry Editor displays a warning about changing or deleting values, click Yes.



4. When the registry editor indicates that setup is complete, click Ok.





You can now open IRM-protected documents using your organization's credentials.

If an error occurred when running the setup file or if you are still prompted for a password when opening IRM-protected documents, either manually configure SSO or Contact Intralinks support.

Reverting changes made by the setup file

Run the Rollback_SSO_Quick_Setup.reg script.

Configuring SSO manually

Use this procedure to manually integrate user access with Intralinks.

To configure SSO manually

1. To open the Registry Editor, in the Windows search bar, enter **Registry** Editor and click **Run as administrator**.

	All Apps Documents Web More 🕶	• v ゑ… ×
	Best match	
	Registry Editor App G Run as administrator	
	Search work and web □ Open file location registry editor - s results → Pin to Start ·□ → Pin to taskbar	Registry Editor App
	 registry editor windows 10 registry editor app registry editor open registry editor command registry editor windows 11 registry editor file registry editor shortcut key 	C Open C Run as administrator Open file location -□ Pin to Start -□ Pin to taskbar >
-		o # 💽 🚍 🗄 🚖 🙆 📦

2. Accept the security prompts, if any. The Registry Editor opens and displays the structure of the Windows registries on your computer. If you are running a 32-bit version of Windows, skip steps 3-8 and go directly to step 9.

📑 Registry Editor				-	×
File Edit View Favorites Help					 _
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 Navigate to the following path: HKEY_LOCAL_MACHINE > SOFTWARE > WOW6432Node > Microsoft > MSIPC > Federation

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File Edit Vie	w Favorites Help				
Computer\HKE	Y_LOCAL_MACHINE\SOFTWARE\WOW6432Noc	de\Microsoft\	MSIPC\Federation		
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	> soBurn		ab (Default)	REG SZ	(value not set)
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	> MediaPlayer				
	> Messaging				
	> MessengerService				
	Microsoft Camera Codec Pack				
	MiracastReceiver				
	> MMC				
	> MSBuild				
	> MSDE				
	> MSDRM				
	> MSDTC				
	> MSF				
	- MSIP				
	MSIPC				
	- Federation				
	MSLicensing				
	> MSN Apps				
	> MTF				
	MTFFuzzyFactors				
	> MTFInputType				
	MTFKeyboardMappings				
	> Multimedia				
	> NET Framework Setup				
	NetSh				
	> Network		land a		
	Non-Driver Signing	~	<		

If there is no folder named Federation under HKEY_LOCAL_MACHINE > SOFTWARE > WOW6432Node > Microsoft > MSIPC, create it by rightclicking on the MSIPC folder clicking New, then clicking Key. Name the new key Federation.

Registry Edito	or Favorites	Help				– 🗆 X
Computer\HKEY_	LOCAL_MACH	HINE\SOFTWARE\WOW6432	Node\Microsoft\	MSIPC		
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>	MTFKe	Renorme	OWORD			
>	Multim	Export	QWORD	(04-bit) Value		
>	NET Fr	Permissions	Multi-Stri	ing Value		
	- NetSh		Expandat	ble String Value		
>	Netwo	Copy Key Name	-			
	Non-Driv	er Signing	_			
>	Notepad		~	<		

- 4. Right-click on Federation and select New > String Value. A new item named New VAlue #1 is added in the right page.
 - Rename this item to FederationHomeRealm.
 - Double-click on it, and in the Value Data field, enter INTRALINKS_SSO and click Ok.



puter\H	KEY_L	OCAL_MACHINE\SOFTWARE\WOW6432Node\	/icrosoft\MSIPC\Federation			
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		MSMQ				
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	13	Multimedia				
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- 5. Right-click on Federation and select New > DWORD (32-bit) Value.
 - Rename the newly created item in the right pane to EnableBrowser.
 - Double-click EnableBrowser, in the Value Data field, enter 1.
 - Ensure that **Base** is set to **Hexadecimal**.
 - Click Ok.



6. In the left pane, navigate to HKEY_LOCAL_MACHINE . SOFTWARE > WOW6432Node > Microsoft > MSDRM > Federation.



	IsoBurn	Alexand	T	Dete	_
1.5	let	INATTE	type	Data	
3	LanguageOverlay	(Default)	REG_SZ	(value not set)	
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ŝ	MediaPlayer				
3	Messaging				
13	MessengerService				
	Microsoft Camera Codec Pack				
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>	MMC				
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	Protectors				
	Federation				
>	MSDTC				
>	MSF				
-	MSIP				
>	MSIPC				
	MSLicensing				
-	MSMQ				
>	MSN Apps				
>	MTF				
-	MTFFuzzyFactors				
>	MTFInputType				
>	MTFKeyboardMappings				
>	Multimedia				
>	NET Framework Setup				
	NetSh				

I there is no MSDRM folder under HKEY_LOCAL_MACHINE . SOFTWARE > WOW6432Node > Microsoft > MSDRM, create it by right-clicking on the Microsoft folder and selecting New, then Key.

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× × ×	VOW6432Node Adobe Classes Clients Foxit Software Google IM Providers Intel	2	^ Na	me (Default)		Type REG_SZ	Data (value not set)			
Ť.	Microsoft	Collapse				Type Data REG_SZ (value not set)				
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>. >.	Advan AMSI AppSei	Delete Rename			Binary Value DWORD (32-bit) Value					
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A rucher A rucher A · A · A	Cellular ClipboardS COM3 Command Cryptograg CTF DataAccess DevDiv	erver Processor hy								

Rename the newly-created key to MSDRM.

If there is no Federation folder under HKEY_LOCAL_MACHINE . SOFTWARE > WOW6432Node > Microsoft > MSDRM, create it by rightclicking the MSDRM folder and selecting New, then Key.



	> IsoBurn	^	Name	Type	Data
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	> MSF MSIP	Find	String Value		
	MSIPC MSLicer MSMQ	Delete Rename	Binary Value DWORD (32-bit) Value		
	MSN Ap MTF MTFFuz	Export Permissions	Multi-String Value		
	MTFInpt	Copy Key Name		ļ	
	MTFKeybo Multimedi NET Frame NetSh Network	ardMappings a ework Setup er Signing			

Rename the newly created key to Federation.

- 7. Right click on the Federation folder and select New > String Value.
 - In the right pane, rename New Value #1 to FederationHomeRealm.
 - Double click on FederationHomeRealm.
 - In the Value Data field, enter INTRALINKS_SSO and click Ok.

Iter HKEY_LOCAL_MACHINE SOFTWAR	(E\WOW6432Node\Micro	oft\MSDKM\Federation			_
> soBurn	^ Name		Type	Data	
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MessengerService		Edit	String		Х
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> Protectors					_
Federation				OK Cancel	
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> MSIPC					
- MSLicensing					
- MSMQ					
> MSN Apps					
> MTF					
- MTFFuzzyFactors					
> MTFInputType					
> MTFKeyboardMappings					
> Multimedia					
> NET Framework Setup					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					

- 8. Right click on Federation and select New > DWORD (32-bit) Value.
 - Rename the newly created item in the right pane to **EnableBrowser**.
 - Double click EnableBrowser.



- In the Value Data field, enter 1.
- Ensure that the **Base** field is set to **Hexadecimal** and click **Ok**.

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MediaPlayer	55 EnableBrowser	REG_DWORD	0x00000000 (0)
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MiracastReceiver	Edit DV	ORD (32-bit) Value	×
> MMC			
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> MSDIC			
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- MSIP		- OK	
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Multimedia			
NET Framework Setur			

9. In the left pane, navigate to HKEY_LOCAL_MACHINE > SOFTWARE > Microsoft > MSIPC > Federation.

puter	HKEY	LOCAL_MACHINE\SOFTWARE\Mic	rosof	t\MSIPC\Federation				
	>	MediaPlayer	^	Name	Type	Data		
		MemoryDiagnostic		ab (Default)	REG SZ	(value not set)		
	>	Messaging			-			
	>	MessengerService						
		Microsoft Camera Codec Pack						
		MiracastReceiver						
	>	MMC						
	>	Mobile						
		MpSigStub						
	2	MSBuild						
	>	MSDE						
	>	MSDRM						
	>	MSDTC						
	>	MSF						
	2	MSIME						
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		MSMQ						
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	1	NET Framework Setup						
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		Network						
		Non-Driver Signing						

If there is no MSIPC folder under HKEY_LOCAL_MACHINE > SOFTERWARE > Microsoft, create it by right-clicking on the Microsoft folder and selecting New > Key.

Rename the newly created key to MSIPC.



omput	ter\F	IKE	Y_LOCAL_MA	ACHINE\SOFTWARE\Microso	ft				
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If there is no folder named Federation under HKEY_LOCAL_MACHINE > SOFTWARE > Microsoft > MSIPC, create it by right-clicking on the MSIPC folder and selecting New > Key.

Rename the newly created key to Federation.

Messaging MessengerService Microsoft Camera i MiracastReceiver Minc Mobile Mobile MSBuild MSDE MSDE MSDRM MSDF MSDF MSDF MSDF MSF MSF MSIFC MSI for Example	Codec Pack	Name (Default)	Type REG_SZ	Data (value not set)	
MSNQ New	iu	Key			
> MTF FIL - MTFFu: Delet > MTFFr; Delet > MTFing Renal > MTFKe > Multivy Perm > NETF Fr; Copy	ne t ssions Kev Name	String Value Binary Value DWORD (32-bit) Value QWORD (64-bit) Value Multi-String Value Expandable String Value			
Network Non-Driver Signing Notepad OBBC OEM OFfice					

10. Right click on Federation and select New > String Value.

- In the right pane, rename New Value #1 to FederationHomeRealm.
- Double click on FederationHomeRealm.
- In the Value Data field, enter INTRALINKS_SSO and click Ok.



Messaging MessengerService MessengerService MiracastReceiver MMC Mobile MySigStub MSSRM MSDRM MSDRM MSDRM	Type REG_S2 REG_S2 ing ume: ionHomeRealm	Data (value not se	t) ×
MessengerService Microsoft Camera Codec Pack Micr	REG_S2 REG_S2 ing ime: ionHomeRealm	(value not se	t) ×
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> NET Framework Setup			
– NetSh			
> Network			
- Non-Driver Signing			
> Notepad			
> ODBC			

- 11. Right click on Federation and select New > DWORD (32-bit Value).
 - In the right pane, rename the newly created item to EnableBrowser.
 - Double-click on EnableBrowser.
 - In the Value Data field, enter 1.
 - Ensure that the Base field is set to Hexadecimal and click OK.

puter\HKEY	LOCAL_MACHINE\SOFTWARE\Micros	oft\MSIPC\Federation		
>	Messaging ^	Name	Туре	Data
>	MessengerService	ab (Default)	REG SZ	(value not set)
	Microsoft Camera Codec Pack	ab FederationHomeRealm	REG SZ	INTRALINKS SSO
H H	MiracastReceiver	200 EnableBrowser	REG DWORD	0x00000000 (0)
>	MMC			
>	Mobile			
	MpSigStub			
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Setup is complete. If an error occurred during setup or if you are still prompted for a password when opening IRM-protected documents, either use the setup file or contact Intralinks support.



Reverting changes

Delete every item created during setup by right-clicking on them and selecting **Delete**.

Contacting Intralinks support

You can also call Intralinks 24x7x365 support:

- US: + (1) 855 208 7576
- UK: +44 (0)20 7623 8500.

See the Intralinks login page for other national numbers.