

Focalist Agent installation and configuration manual 7.25.0



47, avenue de Flandre - 59290 Wasquehal - FRANCE - www.doxense.com



Table of contents

Prerequisites before installation Choice of workstation	4
Access rights	4
Internet access	4
https://eu-focalist.cloud	4
Quick installation	. 6
Advanced installation	11
Unique agent code	.11
Downloading the installation package	.11
https://eu-focalist.cloud/downloads/focalist-agent.msi	.11
Choosing the type of installation	.11
Installation options	12
Unique code	.12
Remote access to printer website	.13
Use of an Internet gateway	14
Installation validation	.15





Copyrights

© 2024. Doxense[®]. All rights reserved.

Focalist and all product names or trademarks mentioned in this document are trademarks of their respective owners.

Reproduction in whole or part, by any means whatsoever is prohibited without prior authorisation. Any electronic copies, either by photocopy, photograph, film or any other means is an offense.

47, avenue de Flandre 59290 Wasquehal - FRANCE contact@doxense.com Tel:+33(0)3.62.21.14.00 Fax:+33(0)3.62.21.14.01 www.doxense.com



Prerequisites before installation

Choice of workstation

The FOCALIST collection agent is a software task that runs in the background to collect data from printers and transmit it to the FOCALIST server. It is therefore important to install it on a computer that will be in operation all the time, every working day of the year or more depending on the activity. Shutting down the computer where the agent is running will prevent any information being sent back during the shutdown period and therefore prevent the services associated with the contracted printing peripherals (consumables, maintenance) from being carried out correctly.

Access rights

The person installing the Agent software must know the computer's administration password.

Internet access

In order for the collection agent to be able to communicate with the FOCALIST server from the computer where it will be installed, check that the computer has permanent access to the FOCALIST server via the Internet and port 443 (HTTPS). During agent installation, port 80 (HTTP) should be open for a few minutes.

A quick way to check connectivity from the selected computer is to open an Internet browser (Safari, Chrome or Firefox) and access the following page:

https://eu-focalist.cloud

If access is successful, a page with a FOCALIST logo will be displayed like this one:

https://eu-focalist.cloud

If the access is correct, a page with a FOCALIST logo will be displayed like this one:





		Contracting Statements	
CALIST		Second Cold Contract Second Se	
	Register for a 61-day free trial	Explore (UE)	
	ENAG. (It will be your logic for the application)		
	App Space Street	B The most schemost device management talution	
	Prove	Check supples level and order protocovely	
	+44.7911 122408	Discover print volumes	
	COUNTRY		
	neet reduce	Beschermson all devices	
	entroline care a per salar		
	CHICKER & BASTRACKO		
	end stander .		
	Present cutting bags		
	NEPERT PRESNOR		
		Sec.	

If the page cannot be found, your network administrator may have configured an Internet gateway (proxy) whose parameters you will need to obtain and enter during installation. It is also possible that a firewall has been configured with a list of authorised sites. In this case, you need to ask the administrator to open access to the *.eu-focalist.cloud domain.

In most cases, you can use the Quick Install instructions.

If you are using an Internet gateway, with restrictions on ports, or implementing remote access to the printer operator panel, follow the instructions in the Advanced Installation chapter.



Quick installation

You have probably received an e-mail from your FOCALIST administrator telling you where to download the agent installation package and the unique code to use. Click on the **Download for Windows** link.

Locate where the installation file (focalist-agent.msi) has been downloaded. Start the installation by double-clicking Open file:



The agent installation starts:



Click Next to move on to the next step, in which you select the first option Standard Installation for a conventional installation, then click Next:



		-		×
Configuration Select agent mode				£ ₽
 Standard installation Installation as agent proxy Child installation using agent proxy 				
	Back	Next	Can	cel

In the next step, enter the unique code you received by e-mail in the Key field:

썘			-		×
Configura Please co	ation Infigure application			G	Ĩ
Key:	JVNB-USON-ABCD-ABCD emote access to printer web panel using proxy server				
	В	ack	Next	Cano	el



Leave the options unchecked and click Next. The installation is ready to start and requires administrator rights on the workstation:

詞 Focalist Agent Setup	-		×
Ready to install Focalist Agent		6	£ ₽
Click Install to begin the installation. Click Back to review or cha installation settings. Click Cancel to exit the wizard.	nge any of yo	ur	
Back	nstall	Can	cel

Click Install. If you do not have sufficient rights, you will be asked for the administration password. A confirmation message will be displayed by the system:



ocalist Agent Setup				
Contrôle de compte d'utilisateur Voulez-vous autoriser d apporter des modificat	cette applica ions à votre	tion à appar	eil ?	×
Éditeur vérifié : Tummim sp. z o. Origine du fichier : Disque dur su	o. ur cet ordinateur			
Afficher plus de détail Oui	No	'n		I.
	000. 110	AL	Can	(CE)

Click on Yes. The installation utility will then copy the files, configure the agent and start the service:

Focalist Agent Setup		-		×
Installing Focalist Agent				B
Please wait while the Setup Wizard in	nstalls Focalist Agent.			
Status: Starting services				_
	Back	Next	Can	cel





The installation ends with the following message:



On the portal, you can see that the agent has changed its status to Connected with the IP address of the workstation on which it is installed:

		Tableau de bord	Clients	Périphériques	Consommables	Maintenance	Rapports	Réglages
	Retour à la liste <	DF DistriFlandre						Téléchar
ממ	Statistiques	Information ager	t: Orléans					
m	Sites	Clé de l'agent :		Ver	sion :	Information du Systèr	ne Er	nvoyer les instruc
8	Prix	J	Q	5.8.	0-WEBSOCKET Connecté	Réseau local: 192.168.1.0 Adresse IP : 192.168.1.12	/24	
Ø	Coordinateur					Système: -		
	Notifications	Révoquer le certific	Si vous	souhaitez réinstaller	l'agent avec la même (clé vous devez d'abord ré	voquer le certifi	cat actuel
	Agent	Inspection des co Toutes heures indiquée	onsommab s en format UI	les et compteur IC 24 heures. L'heure	s actuelle UTC est 10:32	2:33. Dernière tentative de	e lecture: 18.11.20	022 08 h:00:00

Congratulations! You have now completed the quick install procedure.

If the installation does not end with a successful message, or if the agent remains in New status, contact your Focalist administrator or consult the Troubleshooting chapter.



Advanced installation

Unique agent code

During installation, you will be asked to enter a unique code. This unique code is used to securely authenticate your collection agent on the FOCALIST server.

This code, in the form of a random sequence of characters (e.g. DLDQ-ESYH-LYXX-QHUW), has been generated in advance and must have been sent to you by email before installation. It can be found on the partner portal on the agent page corresponding to your installation under the heading Agent key:

Lors de l'installation la saisie d'un code unique vous sera demandée. Ce code unique permet d'authentifier votre agent de collecte de façon sécurisée sur le serveur FOCALIST.

Infl Statistiques	Information agent: Mon Client			
■h Sites	Clé de l'agent :	Version :	Information du Système	Envoyer les instructions d'installation
Prix Prix	DLDQ-ESYH-LYXX-QHUW	Nouveau	Réseau local: Adresse IP :	Download certificate
员 Coordinateur			Système: -	
Notifications	Inspection des consommables e Toutes heures indiquées en format UTC 24 heure	t compteurs s. L'heure actuelle UTC (est 11:24:54. Dernière tentative de lecture	ĸ
Agent	Inspection des consommables et o	compteurs Recherc	her maintenant	

By clicking on the Copy/Paste icon, you can retrieve it from the clipboard and send it by email or message without any risk of error.

Downloading the installation package

The latest version of the Network Agent for Windows installation package can be downloaded from this address:

https://eu-focalist.cloud/downloads/focalist-agent.msi

In general, the focalist-agent.msi file is downloaded to your browser's default directory, i.e. Downloads under your home directory.

Choosing the type of installation

Start the installation in the same way as the quick installation described in the previous chapter, and click Next. You will be presented with three installation options:



1 ¹		-		×
Configuration Select agent mode				Ð
 Standard installation Installation as agent proxy Child installation using agent proxy 				
	Back	Next	Can	cel

- Standard installation: this corresponds to a standard installation; the collection agent is connected directly to the FOCALIST server via the Internet.
- Installation as agent proxy: if several network collection agents are to be installed on the same local network, it is possible to install an agent with the additional function of a gateway (proxy), which will be connected to the Internet and will allow other agents not connected to the Internet to connect to the server via it.
- Child installation using proxy agent: this option will be used to install additional agents that will not have direct access to the server via the Internet, but will use the services of an agent on which the gateway service is activated and which has direct access to the server via the Internet.

This agent gateway function dedicated to FOCALIST should not be confused with the standard use of an Internet gateway for all Internet access, which is discussed below. If you are simply using a standard Internet gateway, choose the first option, Standard installation. You will be asked for details of this gateway in the next step.

Installation options

Unique code

In the Key field, copy the unique code you received from your FOCALIST administrator by e-mail or message:



녮		-		×
Configura Please co	ation Infigure application		G	1
Key:	JVNB-USON-ABCD-ABCD			

This unique code is specific to each agent. Do not reuse a unique code that you have already received for the installation of another agent. If you need to reinstall an existing agent, follow the instructions in the Reinstalling an agent chapter.

Remote access to printer website

Since version 5 of the agent, FOCALIST has included a function that allows the website of managed printers to be opened from the corresponding printer page in FOCALIST. This function is very useful when the service provider has to provide support or troubleshooting for the end customer, but does not have the skills on site.

The FOCALIST agent then acts as a relay and enables the printer's embedded website to be consulted. This function can be implemented if all the following conditions have been met:

- 1. the customer has agreed to allow the outsourcing provider to consult the web pages of the printers monitored by FOCALIST
- 2. the functionality has been activated by the Doxense administrator for this service provider,
- 3. the collection agent has been installed by checking the Enable remote access to printer web panel option
- 4. HTTP communication is open between the collection agent and the printers This option must therefore be ticked at this stage to benefit from this functionality:

Configuration Please configure application		当
Key: JUNELISON-ABCD-ABCD		

Once the agent has been installed with this option, clicking on the printer's IP address on the page of printers managed by this agent will open the printer's internal web page.



Use of an Internet gateway

For some customers, access to external Internet sites is controlled by a gateway (proxy) which may require the user to authenticate before being able to access external sites. In this case, you need to provide a few additional parameters so that the collection agent can communicate with the FOCALIST server. By checking the Connect using proxy server option, additional fields must be filled in to enable communication:

嵺	– 🗆 X
Configuration	gure application
Key:	JVNB-USON-ABCD-ABCD ote access to printer web panel
Server:	proxy.mydomain.com:8080
Username:	myuserbame
Password:	•••••
	Back Next Cancel

- Server: this is the URL or IP address of the gateway, possibly followed by the port to be used after:
- Username: if the gateway requires identification, this is the username to be used for the connection,
- Password: if identification is required, this is the password for the username used.

If the Internet gateway relies on the workstation being registered in the Active Directory, it may refuse the connection because the agent runs by default on a local system account unknown to the gateway. In this case, configure the agent service so that it runs from an account known in the Active Directory directory. See Using a service account.

Information concerning the configuration of the Internet gateway will be stored at the end of the installation in a file named agent.config located in the config sub-directory:





ganiser 👻 Nouvea	u dossier			📰 💌 🔲
Bureau 🖈 ^	Nom	Modifié le	Туре	Taille
🖊 Téléchargeme 🖈	agent.config	20/11/2022 11:01	Fichier CONFIG	1 Ko
🗄 Documents 🖈	agent.properties	15/06/2021 07:21	Fichier PROPERTIES	1 Ko
📰 Images 🛛 🖈	📄 license	20/11/2022 11:01	Fichier	1 Ko
Downloads	local.properties	15/06/2021 07:21	Fichier PROPERTIES	1 Ko
logs	log.properties	15/06/2021 07:21	Fichier PROPERTIES	1 Ko
) Musique				

If the gateway settings need to be changed, this file can be edited and the service restarted.



Installation validation

Once the agent service has been installed, it will connect to the FOCALIST server to exchange a certificate, then switch to secure HTTPS mode. Depending on the agent creation options, the agent can automatically start searching for print devices on the subnet to which it is connected.

Service activity is recorded in log files located in the logs sub-directory. There are several files, depending on the level of detail required. Each time the service is started, the previous logs are renamed and the index number is incremented. The most recent logs are therefore suffixed with 0 :





← → ~ ↑ 🔜 > CePC > 1	Disque local (C:) > P	rogrammes (x86) > focalist-agen	t > logs	~	Ö	, Re	chercher dans : lo
	^	Nom	Modifié le		Туре		Taille
Accès rapide		error	20/11/2022 11:31		Docum	ent texte	0 Ko
Bureau		error.log.lck	20/11/2022 11:31		Fichier I	LCK	0 Ko
👆 Téléchargements		fine0	20/11/2022 11:31		Docum	ent texte	0 Ko
Documents	1	fine0.log.lck	20/11/2022 11:31		Fichier I	CK	0 Ko
images	*	fine1	20/11/2022 11:12		Docum	ent texte	3 Ko
config		fine2	20/11/2022 11:01		Docum	ent texte	3 Ko
logs		info0	20/11/2022 11:31		Docum	ent texte	4 Ko
h Murinus		info0.log.lck	20/11/2022 11:31		Fichier I	LCK	0 Ko
in musique		info1	20/11/2022 11:12		Docum	ent texte	3 Ko
Videos		info2	20/11/2022 11:01		Docum	ent texte	3 Ko

To check that the installation is complete, open the info0.log file with Notepad. You will find the following typical sequence of events:

INFO: Logger configured.

INFO: Connector Agent version: princity-connector-agent-backend:5.8.0 INFO: Downloading certificates for key: JVNBUSONABCDABCD

INFO: Removing key file

INFO: Local network addresses: [192.168.1.0/24]

•••

INFO: Finished bootstrap of Princity Connector Agent. INFO: Trying to connect

INFO: Connecting to: wss://cc.eu-focalist.cloud/connector/v1 INFO: Successfully connected

INFO: Received task: 21947213: TaskTypeReference{name='DISCOVER'}

If the log file includes errors, see the Troubleshooting chapter.

