🙆 PANDORAFMS

# **Pandora RC Installation**

Karley Construction
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# **Pandora RC Installation**

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To install Pandora RC (formerly called eHorus), the installers must be downloaded according to the operating system used as a client.

We are working on the translation of the Pandora FMS documentation. Sorry for any inconvenience.

# Pandora RC installation in MS Windows

Download the agent for MS Windows (32 or 64 bit):

## https://pandorafms.com/en/remote-control/download/

Administrator permissions are required to install Pandora RC agent. Once downloaded it, run the installer. This agent has been tested on available Windows versions, from Windows XP to Windows 10. Since the installer is not signed, it may show you a warning on the installation, please proceed with the installation.





📅 Instalación de eHorus Agent 💿 📼 💌
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Imprimir Atrás Siguiente Cancelar

For normal installations click Default. To change the installation directory, click Custom.

Í	📅 Instalación de eHorus Agent
	Elija un tipo de instalación Elija el tipo de instalación que mejor se adapte a sus necesidades.
	Típica Instala las características de programa más comunes. Recomendada para la mayoría de los usuarios. Personalizada El usuario podrá elegir las características de programa que se instalarán y dónde se instalarán. Recomendada para usuarios avanzados.
	Completa Instalará todas las características del programa. Esta opción es la que más espacio en disco requiere.
	Atrás Siguiente Cancelar

The next screen will only be displayed in this second case.

📸 Instalación de eHorus Agent	
Instalación personalizada Seleccione el modo en que desea que se instalen las características.	$\bigcirc$
Haga clic en los iconos del árbol siguiente para cambiar el modo en que se características.	instalan las
Esta característica ne del disco duro.	cesita 40MB
Ubicación: C:\Program Files\ehorus_agent\	Examinar
Restablecer Uso del disco Atrás Siguiente	Cancelar

On this screen you will need to enter the username you have on Pandora RC platform so that the agent can provision and work correctly.

Also, and very importantly, an agent password can be set for this installation. This *password* may be added or changed at a later date. To set a password at this point, enter it in the text box at the end.

🖶 eHorus Agent Setup	<b>—</b>
Configuración básica del agente Defina el usuario de provisión de eHorus y la password de acceso a este equipo	$\bigcirc$
Usuario de provisión de eHorus (Requerido).	
Es el ID de usuario, el que usaste para registrarte.	
Password de acceso a este ordenador (Opcional).	
Este password se almacera cifrado y no viajara por la red.	
Atrás	<u>.                                    </u>

You will be asked if you want to start Pandora RC agent on that machine and add an icon to the desktop. If you correctly configured the agent (entering the provisioning user) and the agent has an internet connection, you may start using Pandora RC.

😸 eHorus Agent Setup	
Configuración básica del agente Últimas opciones de configuración	
🔽 Iniciar el servicio de eHorus	
Crear un acceso directo en el escritorio	
Atrás	Siguiente



Installation will have been completed successfully



You should see the Pandora RC status icon in the MS Windows notification area:



The green icon means that the agent is running and provisioned. Red means that it could not be provisioned. Right-click the icon to see some options:



You can only stop/restart subcomponents of Pandora RC if you started the manager (Pandora RC Agent Menu) with Administrator privileges. A user with no permissions will not be able to stop Pandora RC or change its settings. If you click "Show EKID" you will be able to see the EKID of that machine. The EKID is a unique number for each host managed by Pandora RC.

EKID
Your EKID is:
Kpn-eRS-pcn
Close

This machine, already provisioned and connected, must be visible in Pandora RC portal.



The Pandora RC agent has been installed as a service. This means that the machine, even if restarted, will restart Pandora RC services and will remain available.

#### **Optional: Installing Mirror Driver**

Mirror Driver is a free and open source third-party software that can be installed on the host to speed up data display, improving performance by approximately 25%.

To use it, the machine is installed and restarted.

http://www.demoforge.com/dfmirage.htm

This driver is compatible with the following versions of MS Windows®:

- Windows 2008 R2®
- Windows 7®
- Windows 2008®
- $\bullet \ Windows \ Vista { I \! \mathbb{R} }$
- Windows 2003®
- Windows XP®
- Windows 2000®

Other untested versions: Windows 10® and Windows 11®.

http://www.driverscape.com/download/vnc-mirror-driver

#### **Unattended installation on MS Windows**

It runs with a privileged user, usually the "Administrator" user, with several parameters (all optional):

msiexec /i ehorus\_agent\_installer.msi /q PARAM1="value2" PARAM2="value2" ...

Example:

```
msiexec /i ehorus_agent_installer.msi /q EHUSER="userXXX"
EHKEY="`d877cb3c-82de-4b27-8dbf-1761f3345e7c`"
EHPASS="5555" EHORUSINSTALLFOLDER="C:\path\to\install"
STARTEHORUSSERVICE="1" DESKTOPSHORTCUT="0"
```

Where:

- EHUSER: Pandora RC user.
- EHKEY: Unique key.
- EHPASS: Agent password.
- STARTEHORUSSERVICE: Start the agent at the end of the installation (default 1).
- DESKTOPSHORTCUT: Create a shortcut on the desktop (default 1).
- EHORUSINSTALLFOLDER: Folder where you want to install the agent (default %ProgramFiles%\ehorus\_agent)

#### Important notice:

- The mute installation of Pandora RC agent must always be executed from a terminal with administrator permissions.
- Hyphens are reserved character words in MSI installers, so you have to escape them. In the example given, EHKEY is escaped since in order for it to take the entire chain as a literal, you have to enter double quotation marks.
- EHORUSINSTALLFOLDER should not have single quotation marks within those that already exist. Respect spaces only with double quotes that are always necessary.
- The .NET 4.0 Framework must be installed for it to work on Windows XP and Windows Server 2003.

#### MS Windows agent update

Like the other platforms (GNU/Linux, Mac OS) the MS Windows agent can be updated centrally from the WEB console, but if it is required to be updated manually, it can be done with the same installation package. The system will detect that it is updating the software and will not overwrite the configuration files, updating only the code automatically.

#### Using the agent in stand-alone mode in MS Windows

MS Windows supports a use mode that does not require installation. This mode allows no software to be installed on the Windows system to be controlled.

1. Download the *stand-alone* agent for MS Windows (32 or 64 bits) from ehorus.com. It is a .ZIP file that contains an executable and a directory.

Nombre	Fecha de modifica	Тіро
퉬 bin	23/01/2017 15:56	Carpeta de archivos
💽 eHorus Standalone	23/01/2017 15:56	Aplicación

2. Run the "Pandora RC Standalone" file.

	Initial Settings	)
EH RUS Standalone Agent		
User		
Shared directory	C:\Users\slerena\Downloads\ehorus_st	
Language	en 🔹	

3. Enter the "user" of the person who has access to Pandora RC and it will connect to your computer (you).

eHorus Standalone Mode			
	eHorus agent	is running on Standalone mode.	
	Password and disconnection.	key are temporal and they will be	deleted after
	Do not close t	his window.	
	User:	slerena	
	EKID:	fTi-muH-gEk	
	Password:	xvop8	
			Disconnect
			Disconnect

The program does not stay installed, just running. It generates a unique EKID (identifier) for each run and a randomly generated password. If you provide those details (ID and password) you may connect to your computer:

EH👀	RUS	Terminal	Display	Processes	Services	Files	Share					Disco	nnect (g	allifrey)
							-	۵	\$	Ctrl+Alt	+Del	• Send	*	6
<b>6</b>	Papelera de reciclaje													
	uToirent		•••	eHorus Standalone M	ode						-			
2	_													
Q					eHorus	s agent is n	unning on Standa	lone mode	l he delet	ad after				
0	Spotify				disconr	nection.	are temporat an	o uley wit	De gelei	leo arter				
					Do not	close this	window.							
	G				User:	s	lerena							
	Scrivener				EKID:	f	Ti-muH-gEk							
					Passw	vord: X	vop8							
										Disconne	ct			
ES @ 2	putty													
1854	PicPick													
martes 24,01/2017														
and the second second														

#### ×

When you are finished, when you click the "Disconnect" button, the agent will stop and no one else will be able to connect. The agent is not installed on the system, and the folder can be deleted. For all intents and purposes, no data is stored.

# **Pandora RC installation on Mac**

OS X 10.8 or later is supported, it should work on 10.7. This installer is fully graphical, and once the process is finished, it will be registered and will remain running on the machine.

Download the installer for Mac OS in .DMG format and follow the steps in the screenshots below:



Double-click the "ehorus\_agent.pkg" icon

000	🥪 Instalar eHorus installer
<ul> <li>Introducc</li> <li>Léame</li> <li>Licencia</li> </ul>	Este paquete ejecutará un programa para determinar si el software se puede instalar. Para garantizar la seguridad del ordenador, solo debería ejecutar programas o instalar software de fuentes fiables. Si no está seguro acerca del origen de este software, haga clic en Cancelar para detener la instalación.
Selección	Cancelar Continuar
Tipo de instalación	
Instalación	
Resumen	
	Retroceder Continuar



00	😓 Instalar eHorus installer
	Contrato de licencia
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	Imprimir Guardar Retroceder Continuar

000	🤪 Instalar eHorus installer
	Instalando eHorus installer
⊖ Introducción ⊖ Léame ⊖ Licencia	
⊖ Selección de destino	Ejecutando scripts del paquete
⊖ Tipo de instalación	
Instalación	
Resumen	eHorus user
	Write your eHorus user:
	ОК
	Retroceder Continuar

Figure 1. Enter provision user

	Password
	Write a password (empty to disable password):
	OK



00	🥪 mstalar enorus installer
	La instalación se ha completado correctamente.
⊖ Introducción	
⊖ Léame	
⊖ Licencia	
<ul> <li>Selección de destino</li> </ul>	
⊖ Tipo de instalación	
⊖ Instalación	
e Resumen	

The agent is already installed (and presumably running) on your Mac OS system.

#### Mojave, Catalina and higher versions (10.14.x)

For macOS 10.14 and higher versions (Mojave and Catalina) it is necessary to give the system permissions to allow remote desktop control. These actions must be done manually by the administrator and then restart the Pandora RC service on the computer.

Step 1. Go to Dashboard / Security



Step 2. Go to the privacy tab



#### Step 3. Accessibility

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In the Catalina version, the section is called Screen recording.

Step 4. Unlock

	Instalando eHorus installer
Introducción	
Léame	
Licencia	
Selección de destino	Ejecutando scripts del paquete
Tipo de instalación	
Instalación	
Resumen	eHorus user
	Write your eHorus user:

Step 5. A new path is added A path is manually entered in the selector dialog by clicking COMAND-CAPS LOCK-G and the path /usr/local/ehorus\_agent is placed:

Password
Write a password (empty to disable password):
ОК

Step 6. Verify that it is activated

00	🥪 Instalar eHorus installer
	La instalación se ha completado correctamente.
<ul> <li>Introducción</li> <li>Léame</li> <li>Licencia</li> <li>Selección de destino</li> <li>Tipo de instalación</li> </ul>	
e Instalación e Resumen	
	Retroceder

Optional: You may perform steps 7, 8 and 9 or simply restart the computer.

Step 7 On the top right icon of Pandora RC, right-click and select "Enable admin actions". Enter the password of the user with priviledges (root).

×

×

Step 8 Stop the Pandora RC service and restart it again.

# Pandora RC deinstallation on Mac OS

Go to "Programs" and run the uninstaller called "eHorus uninstaller" which has the following icon:



# Installing Pandora RC on GNU/Linux (Cent OS/RHEL)

×

You will have several RPM files depending on the RHEL/Cent OS version and its processor architecture (32 or 64 bits). Installation in any version and architecture is similar. Run the following command with administration permissions:

```
yum install ehorus_agent_redhat-centosX-xXXX.rpm
```

Since Remote Desktop is optional some dependencies will have to be manually installed. If you already have a desktop environment, these dependencies may already be installed. If it does not work, try reinstalling them, restart the Pandora RC agent and check if it works.

Run the following commands to install the necessary dependencies:

#### Centos 6.x

```
yum install tigervnc-server gnome-core
yum groupinstall Desktop
```

Remember to manually configure the provisioning user in the /etc/ehorus/ehorus\_agent.conf file and restart the service:

/etc/init.d/ehorus\_agent\_daemon start

#### Centos 7.x

```
yum install tigervnc-server gnome-core gnome-classic-session gnome-terminal \
nautilus-open-terminal control-center liberation-mono-fonts metacity
```

Remember to manually configure the provisioning user in the /etc/ehorus/ehorus\_agent.conf file and restart the service:

systemctl start ehorus\_agent\_daemon

#### **Rocky Linux 8 and AlmaLinux 8**

```
yum install tigervnc-server gdm gnome-classic-session gnome-terminal nautilus-
open-terminal\
control-center liberation-mono-fonts metacity
```

Remember to manually configure the provisioning user in the /etc/ehorus/ehorus\_agent.conf file and restart the service:

systemctl start ehorus\_agent\_daemon

# Installing Pandora RC on GNU/Linux (Ubuntu)

You will have several DEB packages depending on your architecture (32 or 64 bits) for Ubuntu version 116.x . Installation in any later version and architecture is similar.

Run the following command with administration permissions:

dpkg -i ehorus\_agent\_installer-x64-1.X.X.deb

Since remote desktop is optional some dependencies will have to be manually installed. If you already have a desktop environment, these dependencies may already be installed. If it doesn't work the first time, try reinstalling them, restart the Pandora RC agent, and check again.

Run the following command to install the necessary dependencies:

```
apt-get install vnc4server gnome-core gnome-panel gnome-settings-daemon metacity
nautilus gnome-terminal
```

Remember to manually configure the provisioning user in the /etc/ehorus/ehorus\_agent.conf file and restart the service:

```
/etc/init.d/ehorus_agent_daemon start
```

# Installing Pandora RC on GNU/Linux (Tarball)

To know the processor architecture:

uname -r

If it shows x86\_64 it is 64-bit, otherwise 32-bit.

Download and copy the tarball file (\*.tgz) to a temporary directory, open a terminal window with root rights (through su or sudo):

sudo -s

or either

su -

Run in the same directory where the tarball was downloaded:

tar xvzf ehorus\_agent\_installer-centos7-x64-1.X.X-160311.tgz

```
cd ehorus_agent
./ehorus_agent_installer --install
```

#### Additional installation options

```
./ehorus_agent_installer --install
```

• -disabled: It performs the entire installation but the service is not configured and will not start automatically when the computer is started.

#### Uninstallation

To uninstall a tarball-installed Pandora RC agent you have to run the same *script* with the - uninstall *option* 

./ehorus\_agent\_installer --uninstall

#### **Service execution**

Edit the /etc/ehorus/ehorus.conf file and replace the eh\_user token with your eHorus user.

To start the service, run:

In CentOS:

service ehorus\_agent\_daemon start

In another GNU/Linux:

/etc/init.d/ehorus\_agent\_daemon start

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