## KEPServerEX v6 硬體鑰管理

kepware<sup>\*</sup>

#### 啟用 USB Hardware Key 硬體鑰授權

此說明是用來讓我們了解如何匯入與匯出硬體鑰授權。硬體鑰授權是一個電子簽章檔,其 內容包含了一個獨一無二的硬體鑰代碼 (Flex ID) 和它將啟用的產品清單。

雖然每一個硬體鑰授權可被匯入許多電腦中,此實體的硬體鑰只能對應到一部電腦的一個 硬體鑰授權。除此之外,欲使用硬體鑰授權,實體的硬體鑰是必需。

KEPServerEX 6 加入新的工具來處理授權啟用作業。裡面的用語會與之前版本有一些不同。新的授權方式已不再需要使用到 KEPServerEX 主程式,而是使用另一個稱為 License Utility 的程式。請按照下列的簡單步驟來啟用你的產品:

ex		KEPServerEX License U	tility - View Licenses		×
	Product	Activation/Flex ID	Support End Date	Status	
	Youngtec Systems CoODBC Clie	FLEXID=9-629F612E		Certificate	
	Additional License Information:				
	Type: Hardware			<u>T</u> ransfer	
	Description: Youngtec System	ms Co. ODBC Client Driver 9-629F612E.li	c		
	Perform licensing operations online	when possible (requires Internet access of	on this computer)		
_					
	<b>D</b> : .				
	Print		Activate <u>R</u> enew	Close	Help

**重要**:硬體鑰授權並不建議需要使用微軟遠端桌面連接(終端機服務)。如果此應用方式是必要的,則請選擇軟體授權方式。



安裝 KEPServerEX 6 時,如果有使用 USB Hardware Key 硬體鑰授權,在 KEPServerEX 6 Setup 的 Select Features,一定選擇安裝 Hardware Key。

1 <sup>6</sup>	KEPServerEX 6 Setup 🛛 🗕 🗖 🗙
Select Feature Select which	features are to be installed.
	Installation Communications Server Communication Drivers Native Client Interfaces Plug-Ins Hardware Key OPC Quick Client Examples and Documentation
	This feature requires 1KB on your hard drive. It has 4 of 4 subfeatures selected. The subfeatures require 407MB on your hard drive.
Re <u>s</u> et	<u>B</u> ack <u>N</u> ext Cancel



#### 註冊硬體鑰授權檔

 從「開始」->「所有程式」->「Kepware」->「KEPServerEX 6」->「License」->「License Utility」來開啟 Licensing Utility 程式視窗。或是在電腦桌面右下方的 System Tray 圖示 KEPServerEX 6 上按下滑鼠右鍵,並點選「License Utility」來開啟 Licensing Utility 程式視窗。

🗼 Kepware		
🐌 KEPServerEX 6		
KEPServerEX 6 Administration		
KEPServerEX 6 Configuration		
🔐 KEPServerEX 6 Help		
🛃 OPC .NET Configuration		
OPC Quick Client		
🚮 OPC UA Configuration		
📆 Remote OPC DA - Quick Start Gu		
🐌 Example Source Code		
🗼 License		
⊱ License Utility		
🔒 License Utility Help		
🐌 Utilities		
👢 LinkMaster 3		
L Kepware Products		





2. 在開啟的 Licensing Utility – View Licenses 視窗中,點選在下面中間按鈕「Activate」。

ex	KEPServerEX License Utility - View Licenses				
	Product	Activation/Flex ID	Support End Date	Status	
	Additional License Information: Type: N/A			<u>T</u> ransfer	
	Description: N/A				
	Perform licensing operations <u>o</u> nline	e when possible (requires Internet access on	this computer)		
_					
	Print	Ac	tivate Renew	<u>C</u> lose Help	



3. 在開啟的Licensing Utility – Activate Licenses 視窗中,從How would you like to activate的選項 中選取「I have a hardware key license file」,點選下面按鈕的「Next」。

ex	KEPServerEX License Utility - Activate Licenses	×
	How would you like to activate?	
	◯ I have one or more <u>s</u> oftware activation IDs	
	Andrewander in the second	
	Home Back Next Close	Help



Import File ...

4. 在開啟的Licensing Utility – Import Hardware Key Certificates視窗中,一旦取得正式授權的硬體 鑰和對配對的硬體鑰授權檔,在 Import a Hardware Key Certificate 中按下

**Import File...** 按鈕。

ex	KEPServerEX License Utility - Import Hardware Key Certificates			×
	Import a Hardware Key Certificate Click 'Import File' to process the Hardware Key Certificate file that you when the hardware key license was purchased.	u received	Import File	
	Home	Back	ext <u>C</u> lose	Help

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6. Import File...後,就會直接跳到下一個Licensing Utility – View Licenses視窗,在Product會有購 買產品名稱。

**注意:Support End Date**的時間,會依購買Support時間,顯示Support結束有效時間,並不影響 KEPServerEX服務本身運作。

**注意**:此授權會被 License Utility 進行處理。如果成功,則在 View Page 中將會顯示出新匯入的授權。

ex	KEPServerEX License Utility - View Licenses				<b>-</b>	x	
	Product	Activation/Flex ID	Support Er	nd Date S	Status		
	Youngtec Systems CoODBC Clie	FLEXID=9-629F612E		C	Certificate		
	Additional License Information:						
	Type: Hardware				<u>T</u> rar	nsfer	
	Description: Youngtec System	ns CoODBC Client Driver_9-629F6	12E.lic				
	_						
	Perform licensing operations <u>o</u> nline	when possible (requires Internet ac	cess on this computer)				
_							
	Div			-			
	Print		Activate	<u>R</u> enew	<u>C</u> lose	Help	



7. 為了要將實體硬體鑰讓 Server Runtime 認得,此硬體鑰授權必須以License Utility 註冊。請 參考以下的說明進行:

重開 KEPServerEX Runtime Service,可以透過從桌面右下方的 System Tray 圖示中 KEPServerEX 小圖示按滑鼠右鍵,可以手動點選 Stop Runtime Service 停止,然後再手動點選 Start Runtime Service 重新啟動,這樣 KEPServerEX License 就會重新認證。

Configuration		Configuration
Start Runtime Service		Start Runtime Service
Stop Runtime Service		Stop Runtime Service
Reinitialize		Reinitialize
Reset Event Log		Reset Event Log
Settings OPC UA Configuration OPC .NET Configuration		Settings OPC UA Configuration OPC .NET Configuration
Quick Client License Utility		Quick Client License Utility
Help Support Information		Help Support Information
Exit		Exit
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#### 複製硬體鑰授權檔給其它電腦使用

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在硬體鑰可被其它電腦使用之前,一個硬體鑰授權檔複本必須先被匯入該部新電腦。如果 複本已取得,使用者應該遵照上方 註冊硬體鑰授權檔 的說明步驟進行。如果授權已被匯入但 無複本可用,使用者應該遵照下列的步驟從 Licensing Utility – View Licenses視窗取得複本。 注意:硬體鑰授權不必要返還即可將其移到其它電腦。

1. 欲匯出硬體鑰授權,從Licensing Utility – View Licenses下拉式清單中選取欲匯出的授權,點

選	,此舉將會顯示Manag	e Hardware Key Cer	·tificates該授權支	5援的所有產品名
爭。				
ex	KEPServerEX Li	icense Utility - View Lice	nses	×
	Product Youngted Systems Co. OPC Connectivity Suite 9-26C02C0E lic	Activation/Flex ID ELEXID=9-26C02C0E	Support End Date 01/2016	Status
	Youngted Systems CoODBC Client Driver_9-629F612E.lic	FLEXID=9-629F612E	11/2015	Certificate
	<			>
	Additional License Information:			Transfer
	Type: Hardware Description: Youngtec Systems CoOPC Connectivity Su	ite_9-26C02C0F.lic		Transier
	Parform licensing operations online when possible (requires inte	met access on this computer)		
Periori incensing operations ginne when possible (requires internet access on this computer)				
_				
	Print	Activate	Renew <u>C</u> lose	Help



# 2. 接下來,按下 Copy File... 並選擇儲存硬體鑰授權檔的路徑。建議使用者將

其備份到另外的一個安全和容易取得的位置。

ex	KEPServerEX L	icense Utility - Manage Hardware I	Key Certificates	×	
	Hardware key certificate file 'Youngtec Systems CoOPC Connectivity Suite_9-26C02C0F.lic' contains the following features:				
	Product	FlexID	Support End Date	]	
	OPC UA Client	FLEXID=9-26C02C0F	01/2016		
	OPC DA Client	FLEXID=9-26C02C0F	01/2016		
	OPC XML-DA Client	FLEXID=9-26C02C0F	01/2016		
	Click 'Copy File' to make a copy of the Ha the hardware key on a new Host Machine. Click 'Export File' to remove the Hardware save it to a user defined location.	rdware Key Certificate file, which can be used to enal Key Certificate file from the License Utility and then	ble <u>C</u> opy File <u>E</u> xport File		
	Home	Back	Next Close Help		

3. 此時,此複本將可用來被匯入其它部電腦。

### 刪除內部硬體鑰授權檔複本

如果計劃使用其它的硬體鑰授權,為避免混淆起見,使用者可能想要移除既存的硬體鑰 授權。欲達到此目的,請在 Manage Hardware Key Certificates 對話視窗中選擇

Export File ... • Export File... •