#### Signing a PCI or USB driver for Windows 8

## **1/Creating the certificate (make 1 for all driver signing)**

open a msdos shell including ddk tools (provided with windows DDK or VS2012). Open it as "Administrator".

makecert -r -n "CN=MyCompany - for test use only" -ss MyCompanyCertStore -sr LocalMachine

#### 2/Packaging the driver into a cat file

cd driver\_directory inf2cat /driver:. /os:7\_x86

Note : the inf file must have a line **CatalogFile=sample.cat** in the [version] section of the file.

example:

[Version]

Signature="\$CHICAGO\$"; Represents all Windows OS's Provider=%jun% CatalogFile=sample.cat

## 3/Signing the driver

SignTool sign /s MyCompanyCertStore /a /t <u>http://timestamp.verisign.com/scripts/timestamp.dll</u> sample.cat

## Annexe : How to update the driver after installation

In "device Manager" open the device properties

I	DEVICE Properties	×	
General Driver Details	Events Resources		
DEVICE			
Driver Provider:	Jungo Connectivity LTD.		
Driver Date:	7/28/2014		
Driver Version:	11.6.0.0		
Digital Signer:	MyCompany - for test use only		
Driver Details	To view details about the driver files.		
Update Driver	To update the driver software for this device.		
Roll Back Driver	If the device fails after updating the driver, roll back to the previously installed driver.		
Disable	Disables the selected device.		
Uninstall	To uninstall the driver (Advanced).		
OK Cancel			

Disable the device, then uninstall the driver



Then , "Scan for hardware changes"



# Then "Update driver"



A Storage controllers

Choose "Browse for installation directory"

G	Update Driver Software - WinDriver	
	How do you want to search for driver software?	
	Search automatically for updated driver software Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.	
	Browse my computer for driver software Locate and install driver software manually.	
		Cancel