

microsoft.public.platformsdk.security: [SmartCard CSP] How can I obtain a PIN to sign HASH ?

## [SmartCard CSP] How can I obtain a PIN to sign HASH ?

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Hi all, (sorry for my pool English.)

We have created a RSA-FULL CSP based SmartCard. It works fine with IE/OE, etc.

Now we are using wireless network connection with EAP (Use SmartCard or other certificates) on WindowsXP(with SP1 installed), I selected the "Use a certificate on this computer", when the network connected, my CSP be called as following:

```
...
...
CPAcquireContext(...) [called with the container name, ok]
CPGetProvParam(..., PP_IMPTYPE) [return CRYPT_IMPL_HARDWARE |
CRYPT_IMPL_REMOVEABLE, ok]
CPCreateHash(...) [ok]
CPSetHashParam(...) [ok]
CPSignHash(...) [can not work because not logon to the smartcard, so
can not use the private key to sign data.]
...
```

I don't know why the system does not show the "Input the PIN" dialog box just like I select "Use my smart card". How can I make the system show such dialog box to obtain the PIN from user input?

BTW, I searched all these archives and can not find any idea about this issue, some one discuss the smart card CSP should return CRYPT\_IMPL\_MIXED | CRYPT\_IMPL\_REMOVEABLE, but for my instance, we does not call other base CSP, we implemented all functions/algorithms. Some of the algorithms implemented as software like hashdata, some by hardware like RSA-compute.

I had try more than 5 days but can not find the right way.

Is any body can resolve my problem?