TheGreenBow VPN Client

Configuration Guide
Ingenico XIRING pinpad

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1 Introduction

TheGreenBow VPN Client can take into account automatically a wide range of tokens or smartcards.
The list of qualified and supported token with TheGreenBow VPN Client is available at:
http://www.thegreenbow.com/vpn/vpn_token.html

TheGreenBow VPN Client also allows the use of token which are not automatically recognized by the software.
These new tokens just have to be configured in a configuration file called "vpnconf.ini".
The "vpnconf.ini" configuration file must be located in the software installation directory.

For further information about the way the token can be configured with TheGreenBow VPN Client, see also
our Token Configuration Guide available at **http://www.thegreenbow.com/vpn/vpn_token.html**

This document describes how to configure TheGreenBow VPN Client to use an Ingenico XIRING PINpad device.
Smartcards from various manufacturer can be used with this pinpad

2 General terminology (CSP, PKCS11, ATR)

Two modes of access to tokens are defined: CSP and PKCS11.

CSP is the "Cryptographic Service Provider" provided by Microsoft Windows. This mode doesn't require
additional configuration steps in the VPN Client. However not all the tokens support that mode.

PKCS11 is standardized API to access token. This mode requires a PKCS11 DLL provided by the manufacturer
and this DLL has to be configured in the VPN Client. Usually all tokens are supposed to be PKCS11 compatible
and the manufacturer provides the DLL through a middleware package to be installed on the computer.

3 CSP and PCKS11 Compatibility

The CPS or PKCS11 compatibility is managed by the smartcard manufacturer middleware.

4 Vpn Client configuration

Pincode popup must be disabled. This feature is enabled by adding registry key " NoPinCode" in HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\TgbIke.exe with value "1".

The following registry file has to be used:

```
Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App
Paths\TgbIke.exe]
"NoPinCode"=hex:01
```

5   Contacts

News and updates on TheGreenBow web site: **www.thegreenbow.com**

Technical support by email at: **support@thegreenbow.com**

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