

## Grange Bacstel-iP for Windows

### Re-Installation of Bacstel-iP

This document describes the installation of Bacstel-iP for Windows using a saved copy of the original installation.

*The following pre-reqs and items must be available*

PC with Windows2000, XP, or Windows7.

Spare USB port

Smart card reader

Smart cards with pin numbers

Smart card signing solution CD software e.g. Gemsafe (also known as Gemalto).

Saved copy of the original installation folder

Emergency license from Grange (issued over the telephone or by e-mail)

*Note: Do NOT connect the card reader to the new PC until step 3 below:*

- 1 Install the Bank's smart card signing solution software (e.g. Gemsafe) from their CD. **For Windows7 systems the Gemsafe version must be at least 4.1.9**
- 2 Install the card reader drivers if you have them  
You can download them from our Support page  
<http://www.grangesystems.com/support.php>
- 3 Reboot the PC and attach the smart card reader
- 4 Locate the smart card tool from the signing solution software just installed. For Gemsafe this is called the Gemsafe Toolbox. If you receive a message asking to add URL's to Trusted Sites in IE – answer YES. For each smart card, register the smart card certificate into Windows. This differs between signing solutions, but they are all similar. For Gemsafe, the registration link is under the 'Card' or 'Certificates' tab, then register certificates. You will need the smart card pin number to do this. If a warning dialogue box appears asking if a trusted CA certificate should be installed, take 'YES' option to install it (the default is no).
- 5 Copy the Bacstel-iP PC folder from the existing PC to the new PC
- 6 Copy the following dll's from the folder or subfolder into the Windows folder (WINDOWS for XP and W7, WINNT for W2000)  
ch\_com.dll  
capicom.dll  
capicomseesure.dll
- 7 Register the dll's in Windows. For each dll:  
(RUN) regsvr32.exe <dll name>  
If you receive a message stating that the module may not be compatible – ignore it.  
If you receive a message similar to this:  
'The module xxx.dll was loaded but the call to DllRegisterServer failed with error 0x80004005' then you have encountered an error

with the user profile. You need to run the regsvr32.exe program via an elevated Command Prompt as follows:  
Click Start, All Programs, Accessories, right-click Command Prompt, and then click Run as administrator.

- 8 Run the Checker\_Admin.exe program. Ignore warning message regarding ch\_com.dll being in multiple directories. Click the browse button '...' in the Path to data files panel, highlight one of the Checker files, press Open, then Apply, then OK.
- 9 Start the Bacstel-iP system (grbacsip1.exe). Enter the emergency license when requested. Use the User ID of ADMIN and password ADMIN unless changed in the original installation.
- 10 For each Application do the following:
  - Select the Application
  - Menu option System Admin / Work with Applications / Set-up Application
  - Check that the Input File Path is correct for the Application data file. If not use the Browse button to find the correct file path.
  - Click Apply and OK
- 11 If there are smart card certificates to be used on this PC that were NOT registered on the original source PC, they must be registered in the Grange system as follows. Perform this for each new smart card to be added.
  - Go into the System Admin menu option and Comms and Certificate settings sub menu.
  - If the smart card to be added does NOT exist in the list of certificates, click Add button. Select the Certificate to be added and hit OK. Then hit OK to return to main server window.
  - Note:** When adding certificates, if two certificates are displayed from the card and one is 'Utility' and the other is 'Identity', **ONLY** select the 'Identity' certificate. **NEVER** select a 'Utility certificate.
- 12 Request a permanent license from Grange from menu option System Admin / Product license and click the e-mail button.