Symantec
Encryption Desktop

RSA Ready Implementation Guide for RSA SecurID

Last Modified: December 12, 2014

Partner Information

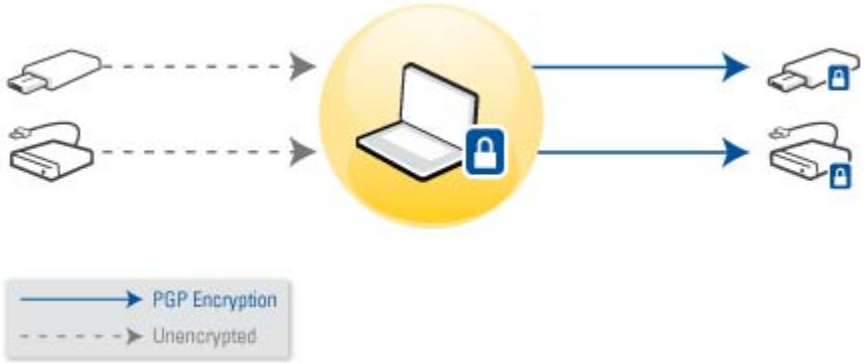
Product Information	
Partner Name	Symantec
Web Site	www.symantec.com
Product Name	Symantec Encryption Desktop
Version & Platform	10.3.2 Windows x64
Product Description	Symantec Encryption Desktop provides comprehensive, non-stop disk encryption, enabling quick, cost-effective protection for data on PCs, laptops, and removable media. The encrypted data is continuously safeguarded from unauthorized access, providing strong security for intellectual property, customer and partner data, and corporate brand equity.

Symantec. Confidence in a connected world.

Solution Summary

RSA Authenticators and Symantec Encryption Desktop combine seamlessly to provide end-users with two factor authentication. The Symantec solution provides end-users with pre boot authentication, file/disk encryption and email encryption for PGP/MIME messages.

Partner Integration Overview	
Interoperable through RSA Authentication Client	Yes
Pre-Boot Authentication	Yes
If Pre-Boot, which tokens are supported?	RSA SecurID 800 Rev 4



Product Configuration for Interoperability

Interoperability between the RSA Authenticators and Symantec Encryption Desktop requires the installation of the RSA Authentication Client and Symantec Encryption Desktop.

Before You Begin

This section provides instructions for integrating RSA Authenticators with Symantec Encryption Desktop. The document is not intended to suggest optimum installations or configurations.

It is assumed that the reader has both working knowledge of all products involved, and the ability to perform the tasks outlined in this section. Administrators should have access to the product documentation for all products in order to install the required components.

All vendor products/components must be installed and working prior to the integration. Perform the necessary tests to confirm that this is true before proceeding.

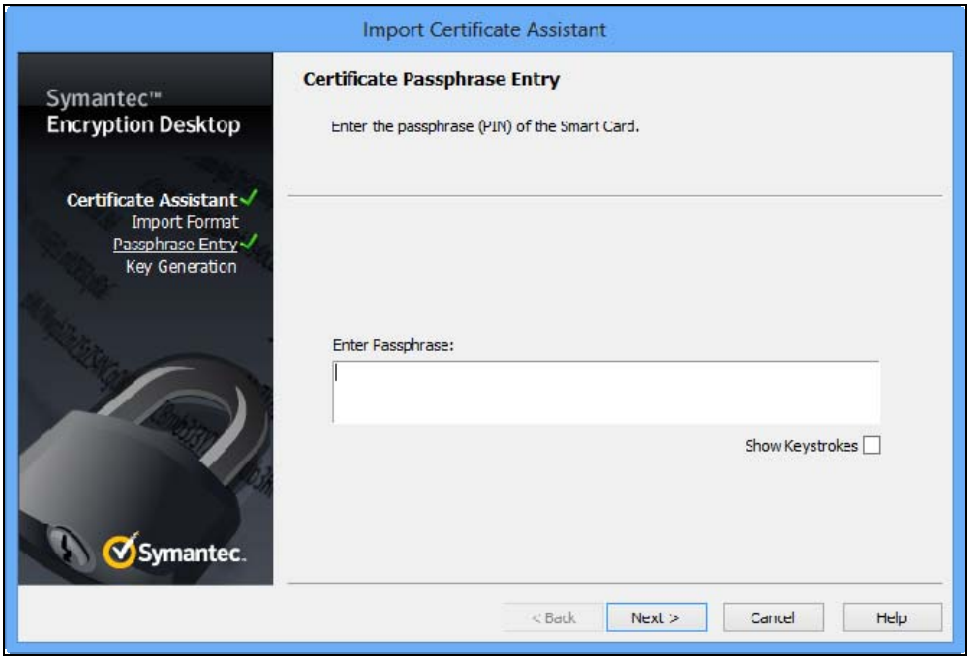
RSA Authenticator Configuration

Before attempting the Symantec Encryption Desktop installation, please ensure you have properly installed the RSA Authenticator Client version 3.6. Please consult the appropriate RSA documentation for client installation details.

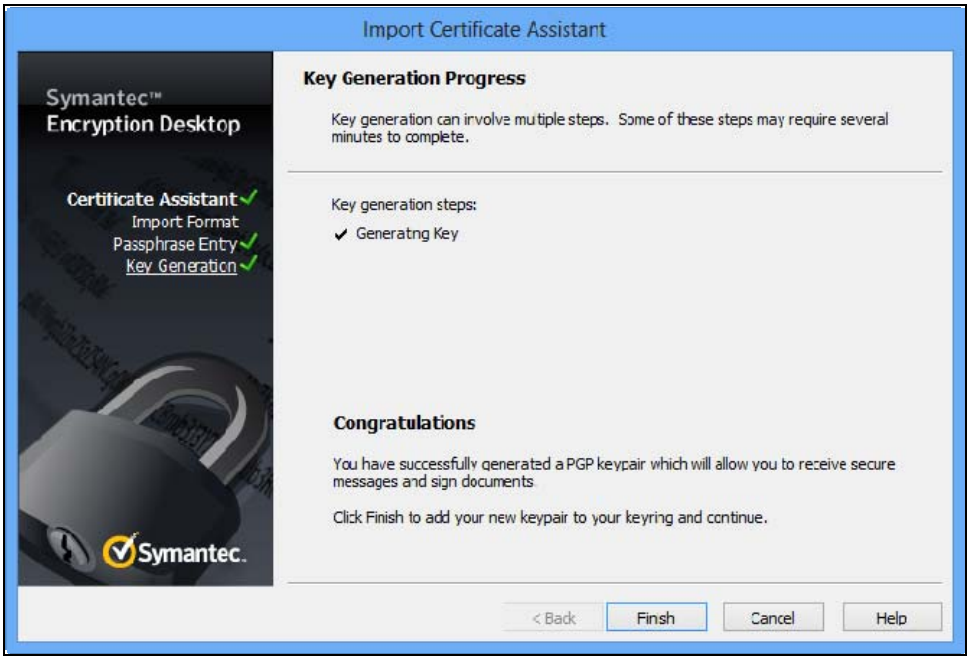
1. Install RSA RAC 3.6.
2. Using RSA RAC 3.6 import a 1024bit or 2048bit Smart card certificate provisioned from a certificate authority to the SecurID 800 smart card.
3. Install Symantec Encryption Desktop version 10.3.2.
4. Once Symantec Encryption Desktop is installed and the system has been restarted insert the RSA SecurID 800 smart card and open Symantec Encryption Desktop.

Note: If you plan to use PGP Keys please refer to the appendix.

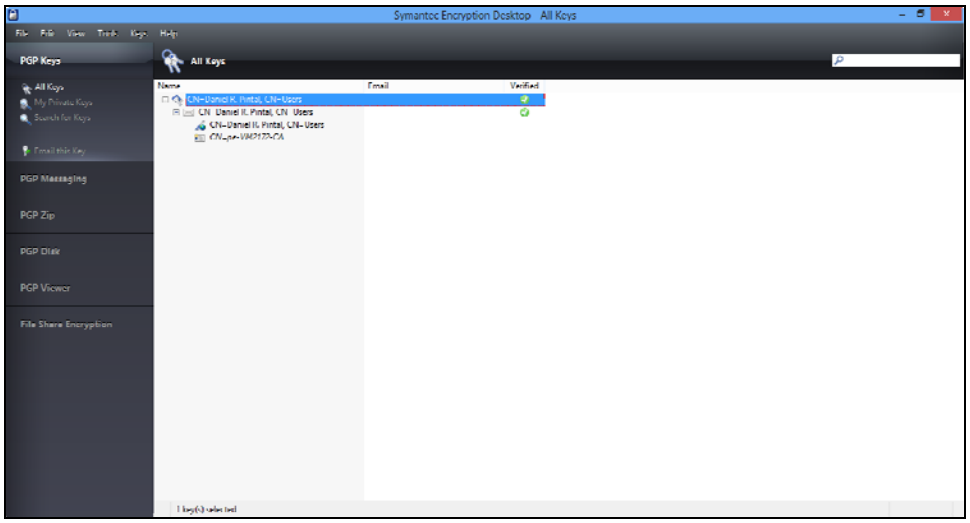
5. Enter the RSA SecurID 800 smart card **Passphrase (PIN)** and select **Next**.



6. Once Symantec Encryption Desktop has collected the key material from the smart card select **Finish**.



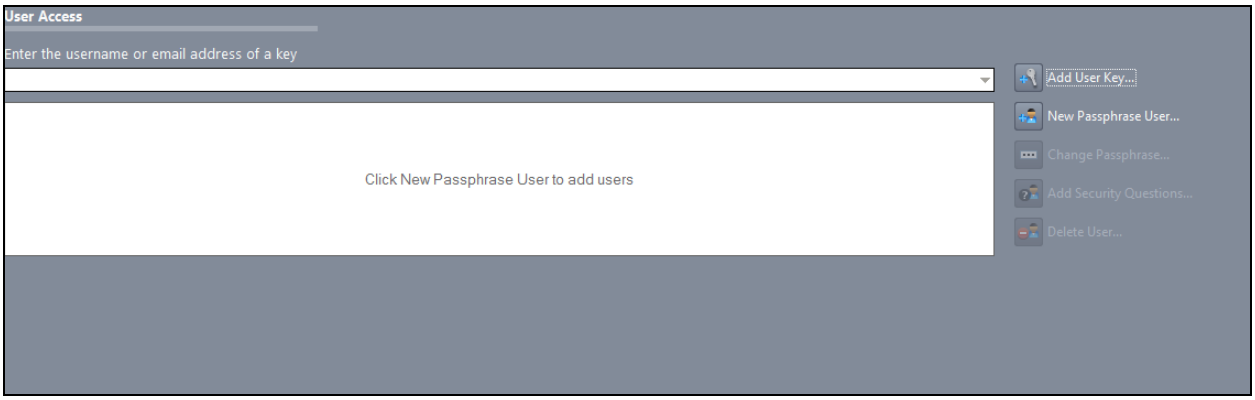
7. Select the **Smartcard Keys** link on the PGP Keys menu to view the imported certificate.



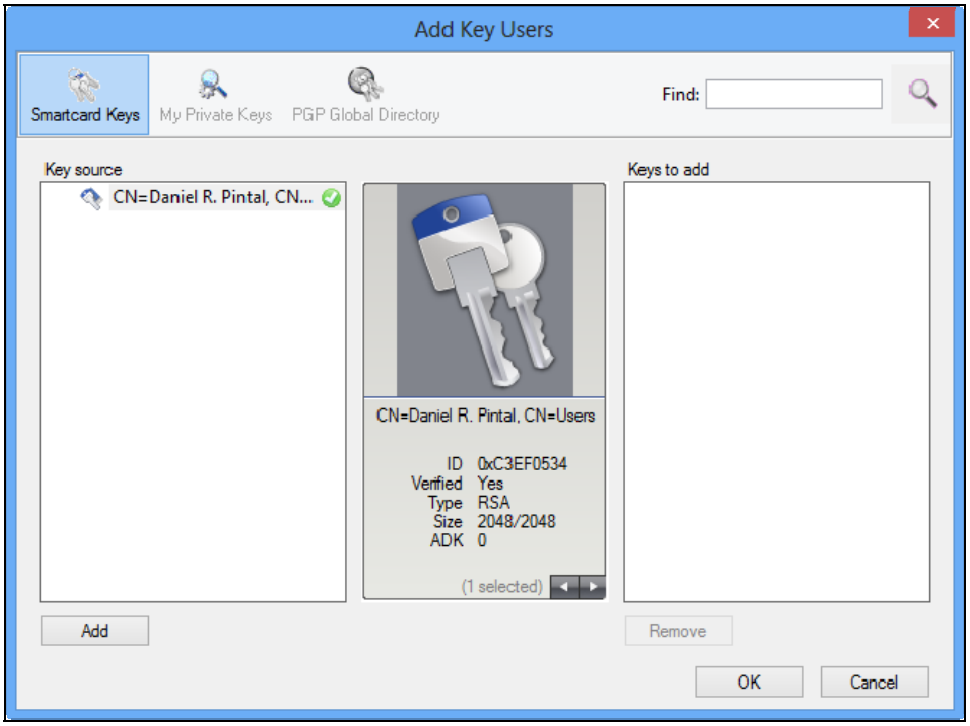
8. Select **PGP Disk** from the left frame menu.

9. Select **Encrypt Disk or Partition** from the right frame menu.

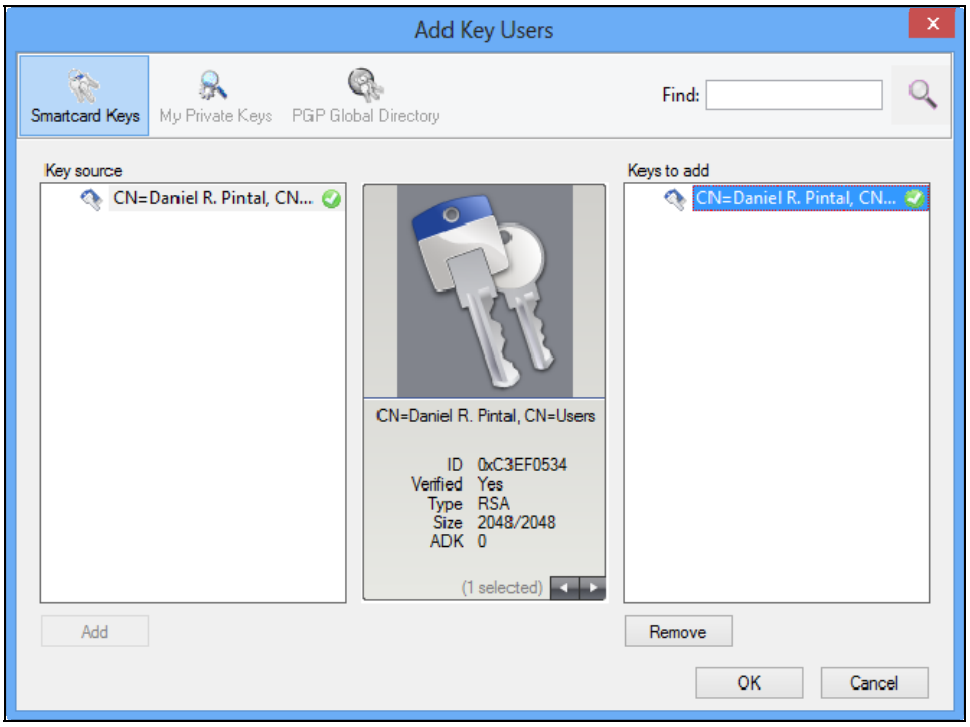
10. Select **Add User Key…** from the right frame menu.



11. Select the **Key source** being used to encrypt the disk and select **Add**.



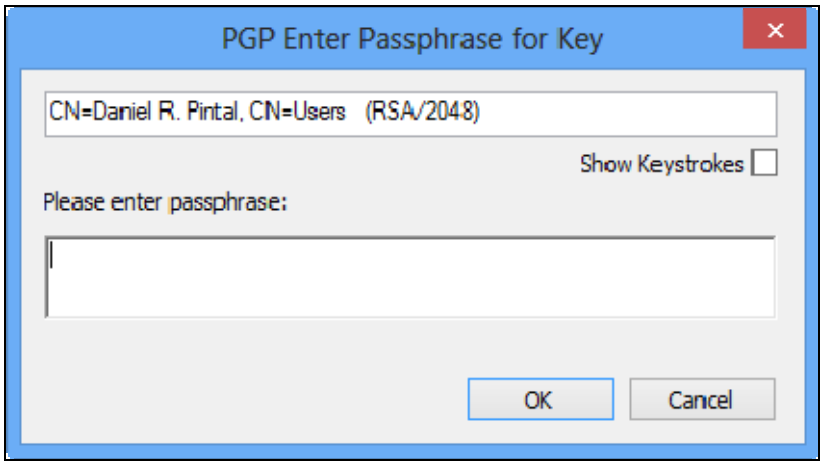
12. Select **OK**.



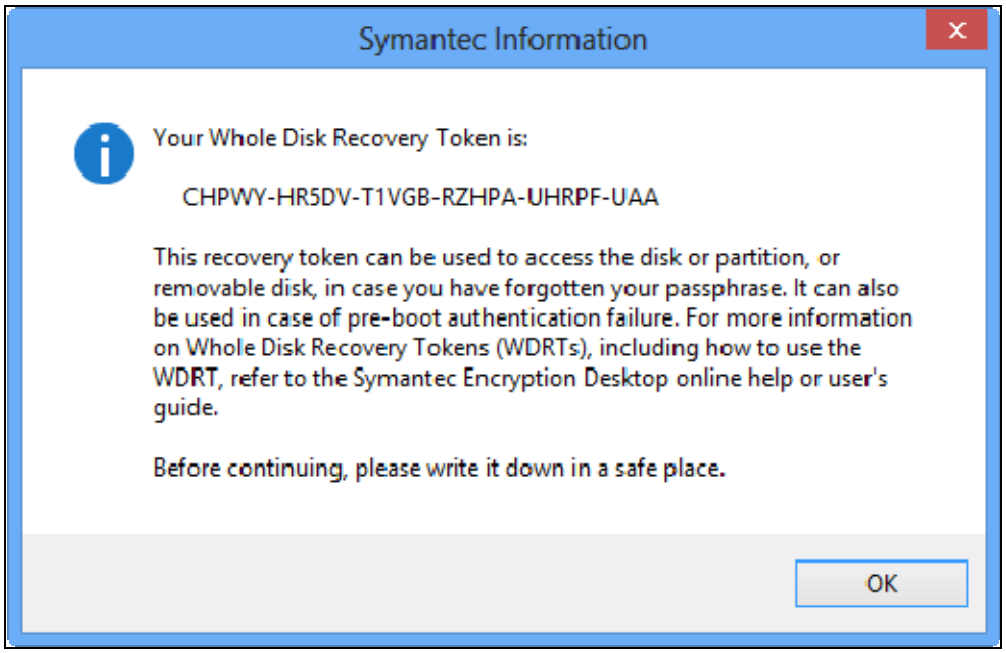
13. Select **Encrypt** from the right frame menu.

14. Select **Yes**.

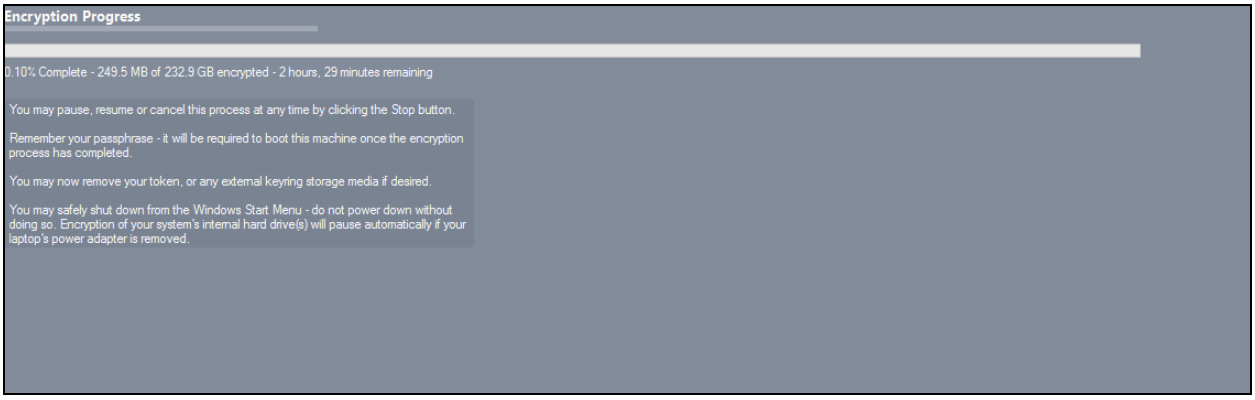
15. Enter the RSA SecurID 800 **passphrase** (**PIN**).



16. Select **OK** after reading the warning below and storing the Whole Disk Recovery Token in a secure location.



17. Allow the Symantec Encryption Desktop to encrypt the hard disk and reboot the workstation when complete.



18. On the initial boot of the workstation the user will be prompted to insert the RSA SecurID 800 smart card and enter their **passphrase** (**PIN**) and press **CTRL-ENTER** to unlock the workstation at pre-boot.

Certification Checklist for 3rd Party Applications

Date Tested: December 12, 2014

Product	Tested Version	Operating System
RSA Authentication Client	3.6	Windows 8 x64
Symantec Encryption Desktop	10.3.2	Windows 8 x64
RSA SecurID 800	Revision 4 (D4)	Windows 8 x64

Test Cases	Symmetric Keys	Asymmetric Keys
RSA SecurID 800		
Preboot Authentication	✓	✓
Disk/File Encryption	✓	✓
1024 Certificate	N/A	✓
2048 Certificate	N/A	✓
Write Key/Certificate	✓	N/A
Delete Key/Certificate	✓	✓
Token Management		
RAC API		
Modify Token PIN	N/A	N/A
Verify Token PIN	N/A	N/A
Initialize Token	N/A	N/A

DRP/PAR

✓ = Pass ✗ = Fail N/A = Non-Available Function

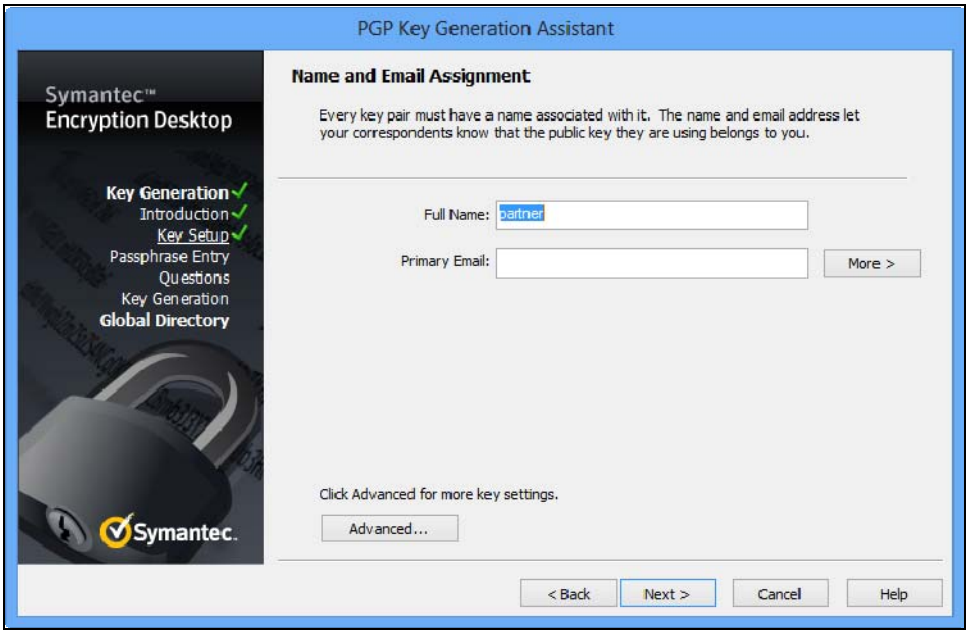
Appendix

Using PGP Keys with the SecurID 800

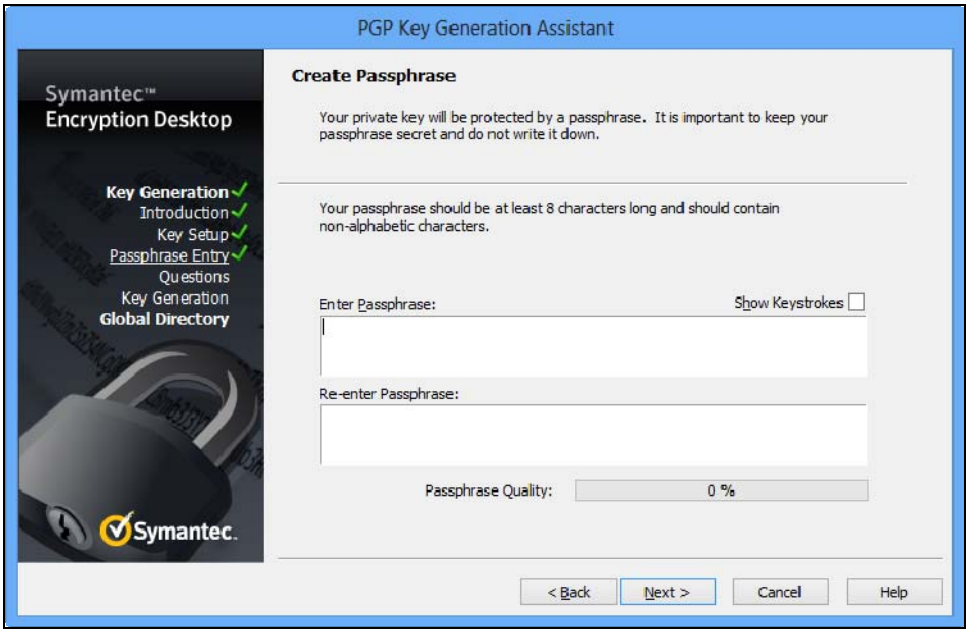
SecurID 800 supports PGP Key usage for securing laptop and desktop hard drives.

1. Insert the SecurID 800 smart card into a USB socket on the computer.
2. Within the Symantec Encryption Desktop select All Keys.
3. Select File New PGP Key.

4. Enter the Full name of the user.



5. Enter the Token PIN to unlock the token and write the PGP key to the SecurID 800 and select **Next** to continue.



6. Symantec will generate a key and write it to the token, select **Next**.

7. Select **Skip** and return to the main document at step 6 to complete the setup of Symantec PGP Desktop using PGP Keys.