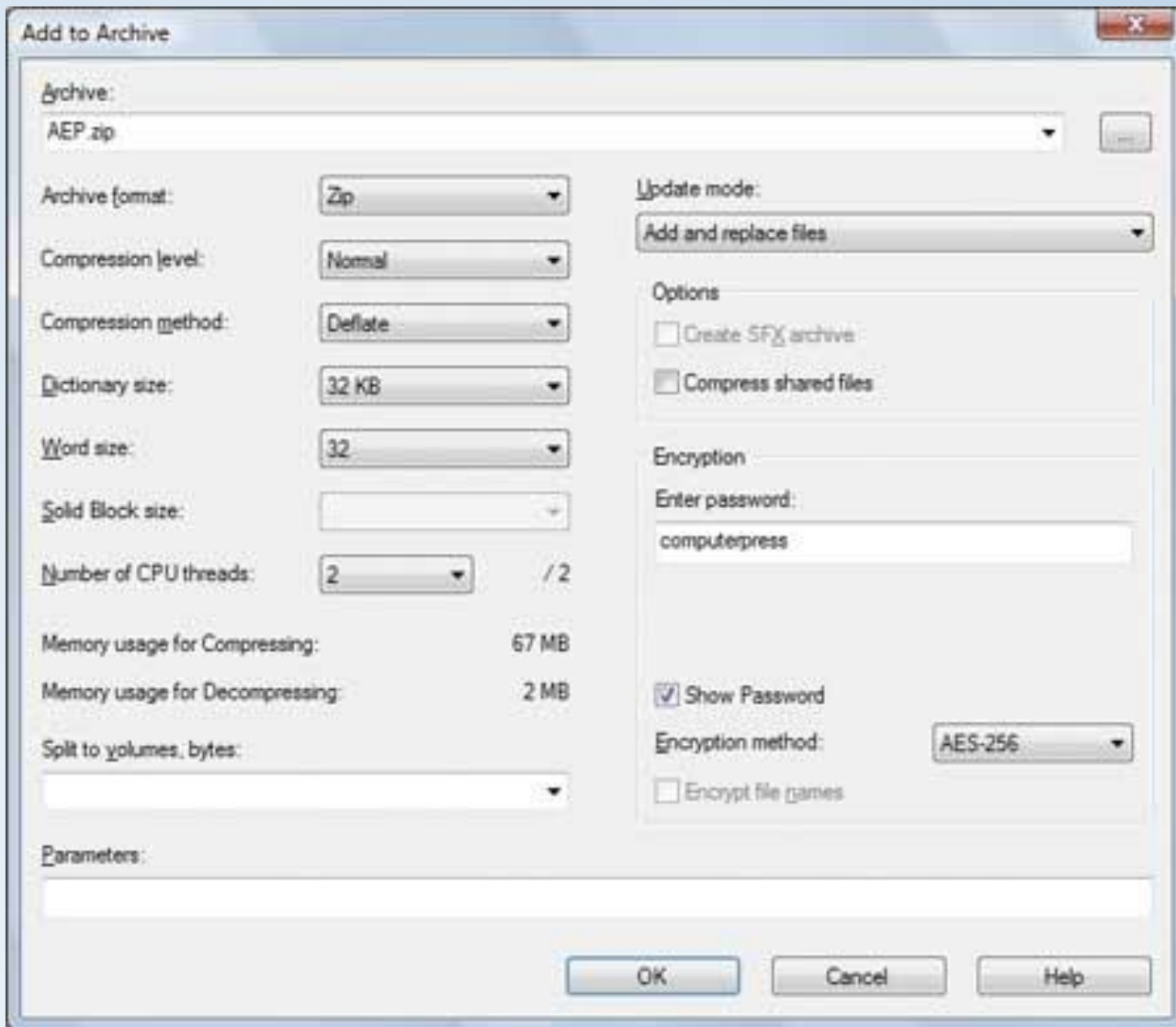




# Современные программные средства защиты компьютерной информации

Подготовил: Курманцев В. Д.

# Архиваторы WinZip и WinRAR



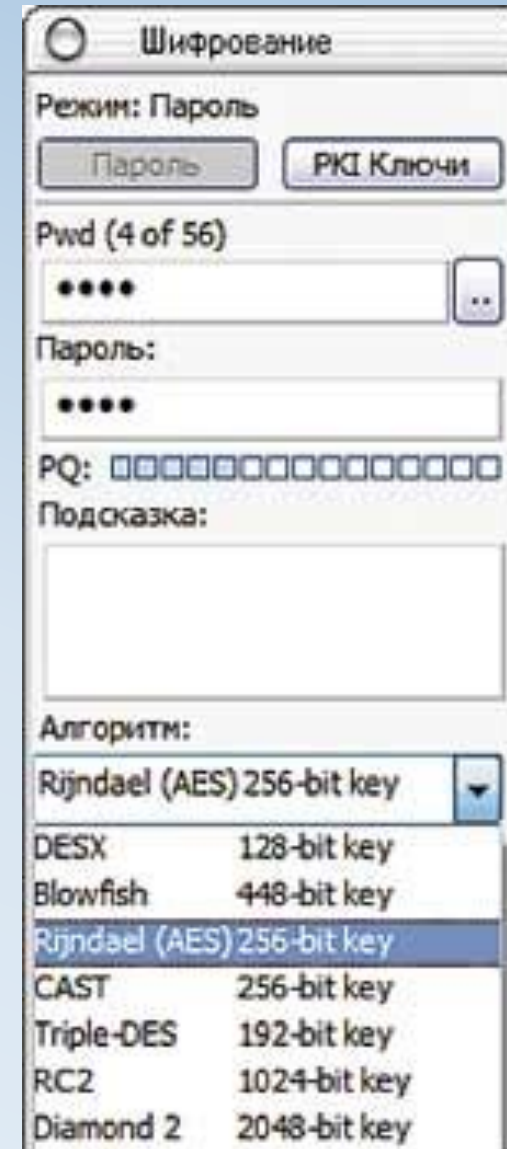
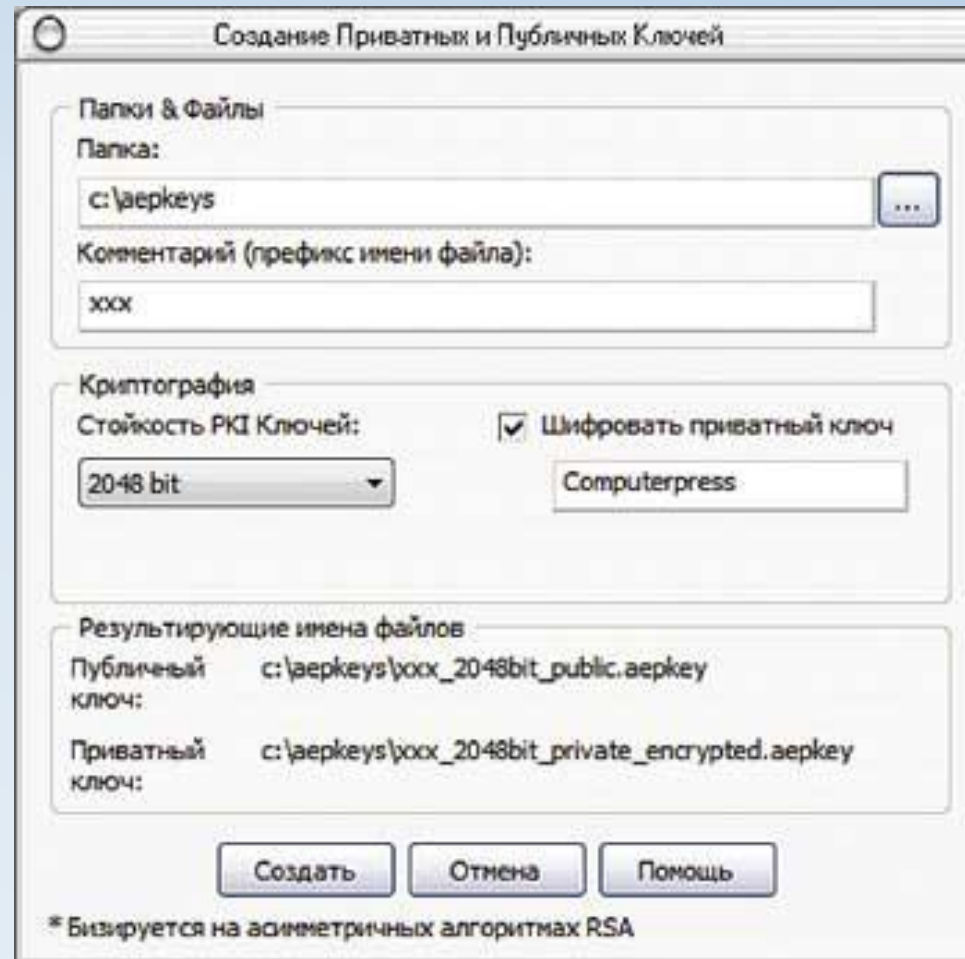
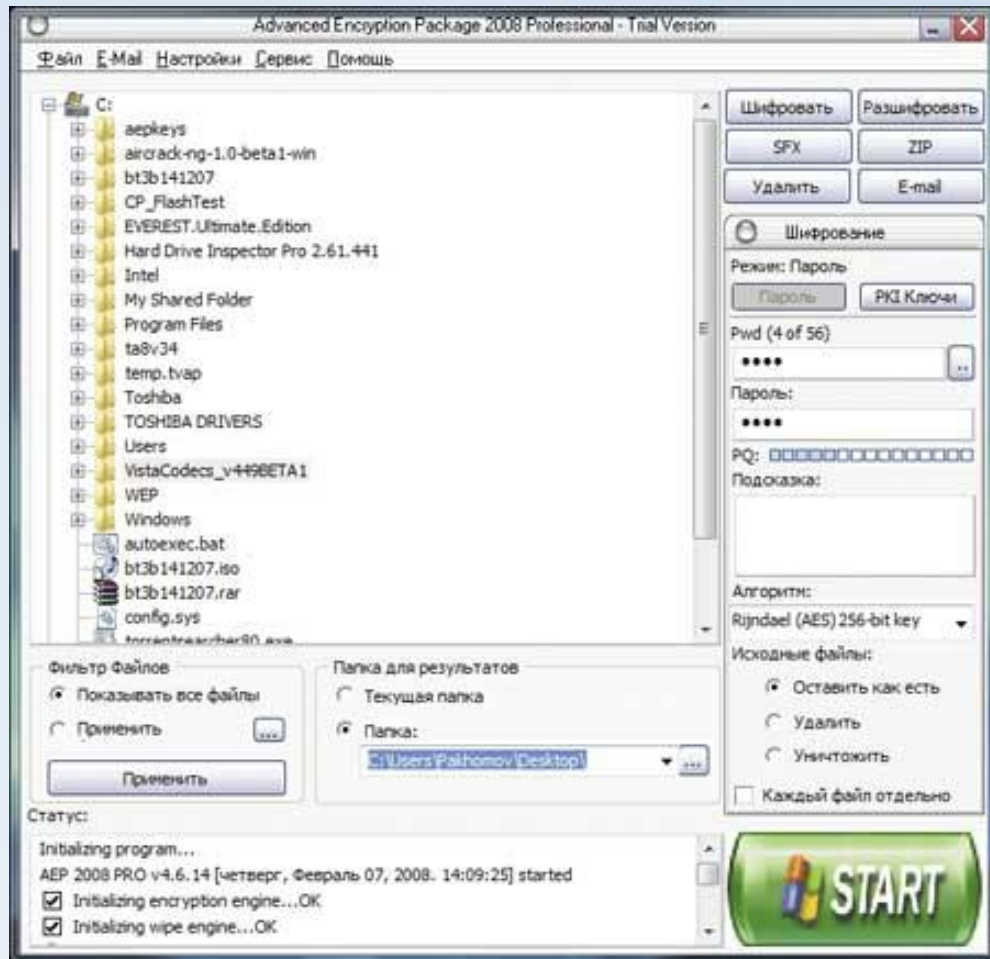
Архиватор WinZip предполагает использование шифрования AES с 128- или 256-битным ключом



Архиватор WinRAR — шифрования AES с 128-битным ключом

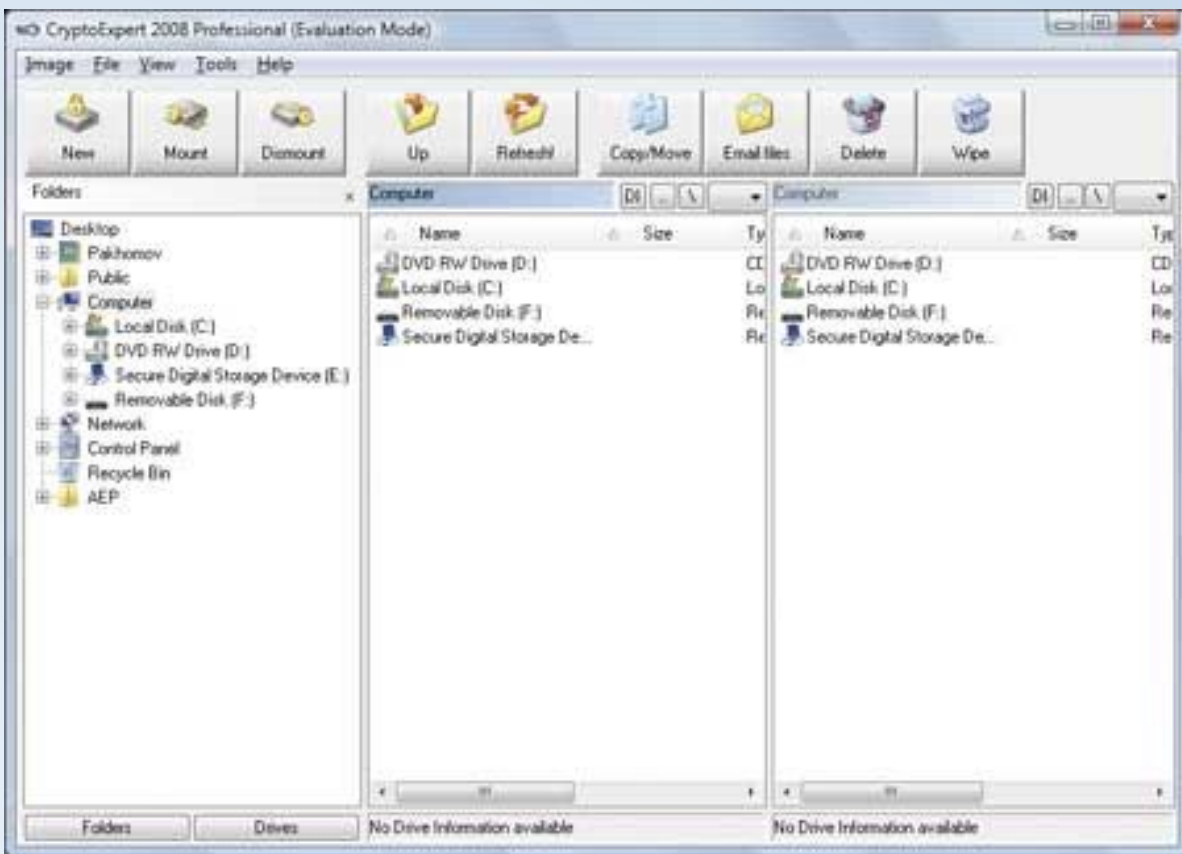


# Advanced Encryption Package 2008 Professional v.4.6.14



При этом АЕР поддерживаются все современные алгоритмы шифрования: DESX 128, Blowfish 448, Rijndael 256 (AES), CAST 256, Triple-DES 192, RC2 1024, Diamond 2 2048, Tea 128, Safer 128, 3-Way 96, GOST 256, Shark 128, Square 128, Skipjack 80, Twofish 256, MARS (IBN) 448 Serpent 256

# Crypto Expert 2008 Professional



Программа Crypto Expert 2008 Professional позволяет создавать виртуальные логические диски (контейнеры), в которых информация сохраняется в зашифрованном виде.

# Fine Crypt v.10.1

A screenshot of a file manager's context menu. The menu items include: Open, Edit, Preview, Print, Rotate Clockwise, Rotate Counterclockwise, Set as Desktop Background, 7-Zip, **FineCrypt** (highlighted), Quickly encrypt to, Open With, Share..., Add to archive..., Add to "WinRAR.rar", Compress and email..., Compress to "WinRAR.rar" and email, WinZip, Restore previous versions, Send To, Cut, Copy, Create Shortcut, Delete, Rename, and Properties. A sub-menu is open for 'FineCrypt', showing options: Encrypt with password, Encrypt with key, Add to FineCrypt Extractor..., Decrypt, and Wipe.

The 'Preferences' dialog box, 'Encryption Algorithms' tab. The 'Encrypt with' section has radio buttons for AES (selected), Blowfish, CAST-256, GOST, Square, Mars, RC-6, Serpent, TripleDES, and Twofish. The 'Encryption mode' section has radio buttons for Electronic Codebook, Cipher Block Chaining (selected), Cipher Feedback, and Output Feedback. A 'Generate key...' button is present. At the bottom are 'OK', 'Help', and 'Cancel' buttons.

The 'FineCrypt: Enter Encryption Key' dialog box. It shows: Current cipher: AES, Blocksize: 16, Current mode: Cipher Feedback, Size of key: min. 16 max. 32 step 8, and Key size in bytes: 32. There is a 'Hide key' checkbox. Below is a text area containing a hexadecimal key: 9E 7E 02 4C 42 08 8D 13 z~!LBQ!! 6B 85 C2 C9 81 2C 5E 7E k...ÃÉ, ~ 8A 86 C3 A2 61 29 65 C2 Š+Ãca)eÃ 29 52 DC E3 8B D5 44 5E )RÜã<ÖD~. Below this is 'Initial vector 16 bytes:' followed by another hexadecimal string: 9F 39 01 DD FD 32 82 60 Ÿ9 ý2, ' 23 E4 70 6D 1C 80 79 86 #äpmËyt. At the bottom are 'Generate', 'Save...', 'Read...', 'OK', 'Cancel', and 'Help' buttons.

The 'FineCrypt: Enter Passphrase' dialog box. It has two input fields: 'Enter passphrase:' and 'Verify passphrase:', both containing masked characters. Below is a 'Passphrase strength' progress bar showing 0% completion. At the bottom are 'OK' and 'Cancel' buttons.

The 'Generating key pair...' dialog box. It contains the text: 'Please wait while key pair is being generated. This may take several minutes.' Below the text is a progress bar with several green segments.



# File Securer v.3.97



Утилита File Securer предназначена для блокирования несанкционированного доступа к файлам и папкам, сохраняемым на компьютере.

При инсталляции на компьютер она интегрируется в Windows Explorer и в контекстном меню (вызов меню осуществляется правой кнопкой мыши) появляются два новых пункта: Lock with file Securer (заблокировать доступ) и Unlock with file Securer (разблокировать доступ).

# File Assurity Open PGP Lite 2.0.2

FileAssurity OpenPGP X509 key generator

Name:

Department:

Address:

City/Town:

State/County:

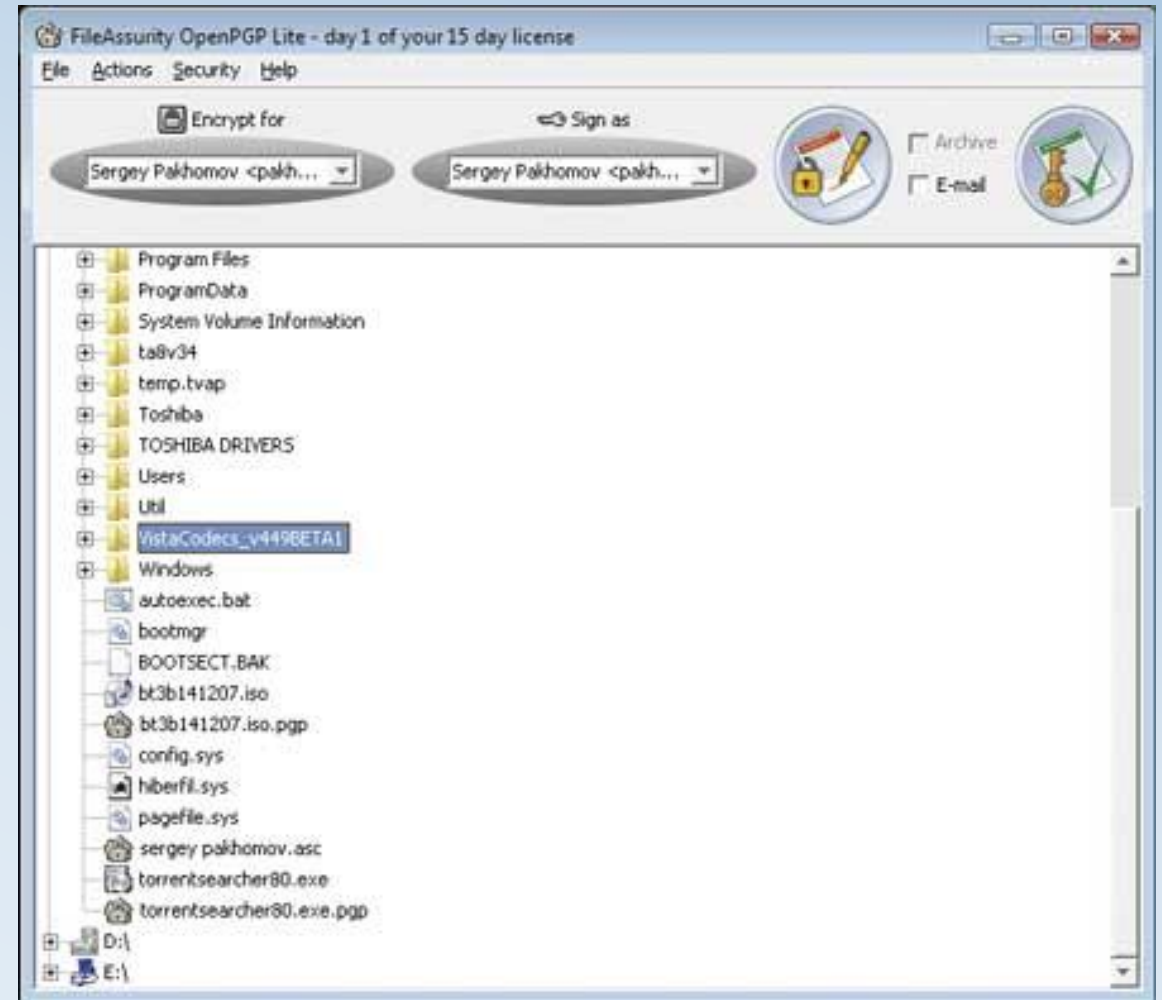
E-mail:

Valid from:  Valid to:

Notes for this key

Key type

Key type:  Key size:



# Dekart Private Disk 2.10

