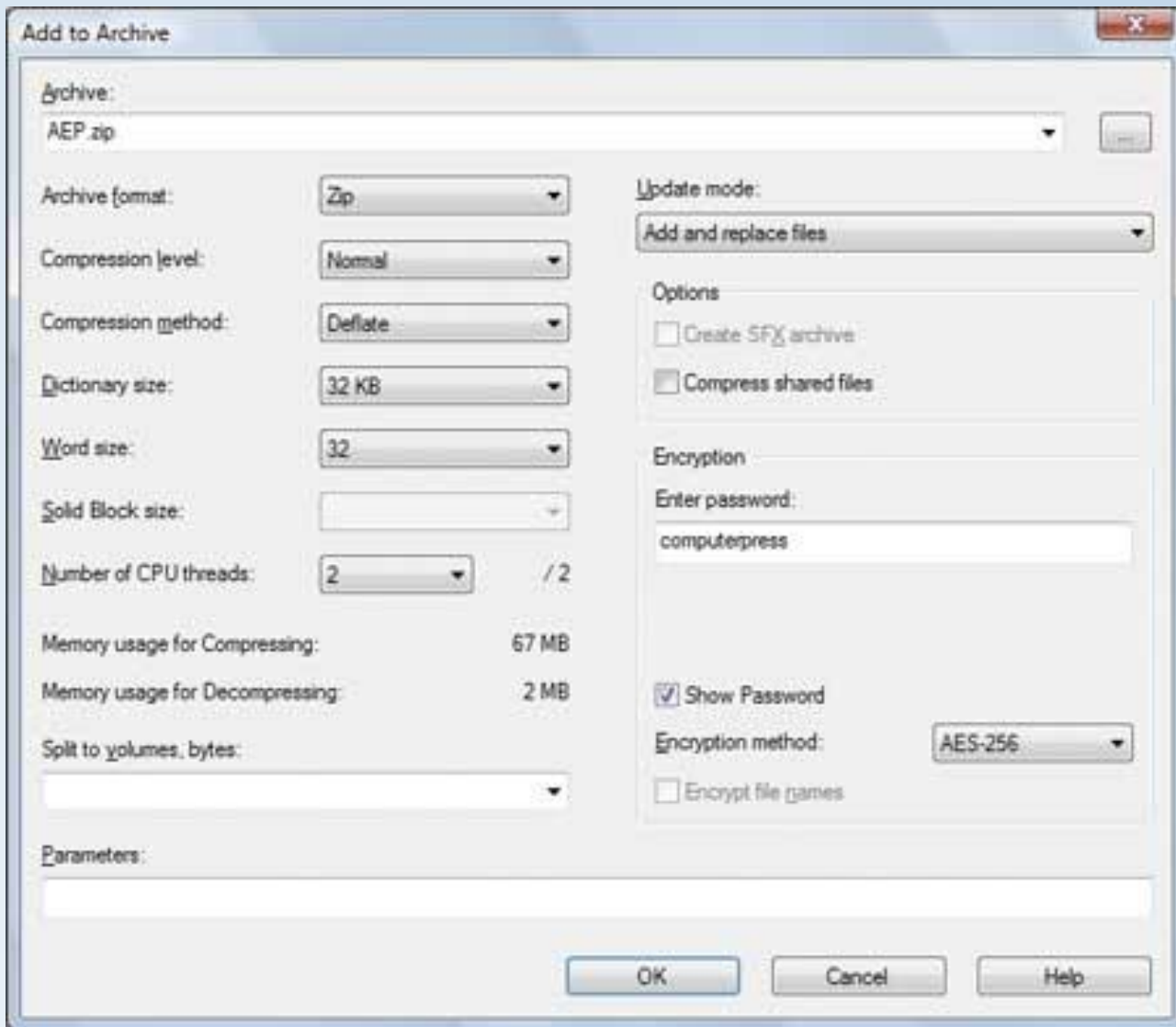




# Современные программные средства защиты компьютерной информации

Подготовил: Курманцев В. Д.

# Архиваторы WinZip и WinRAR

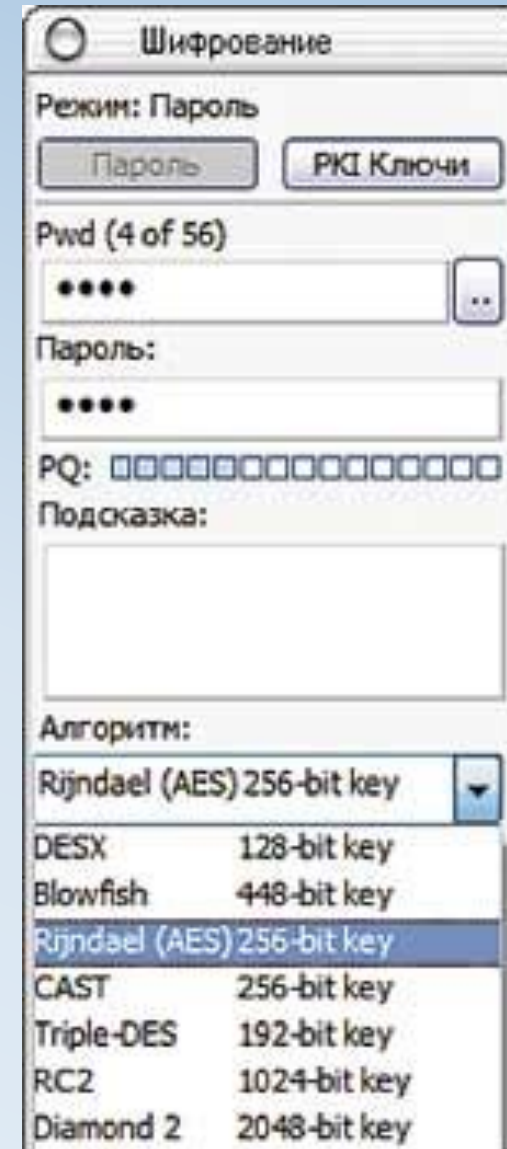
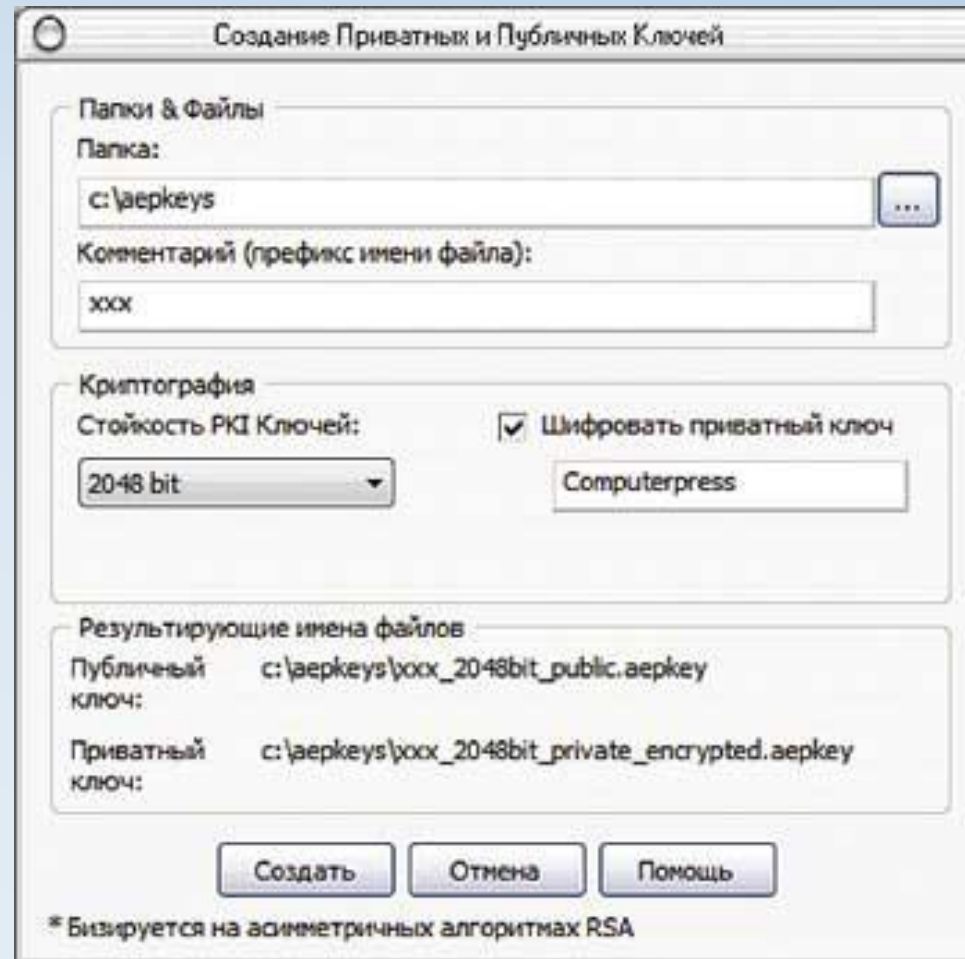
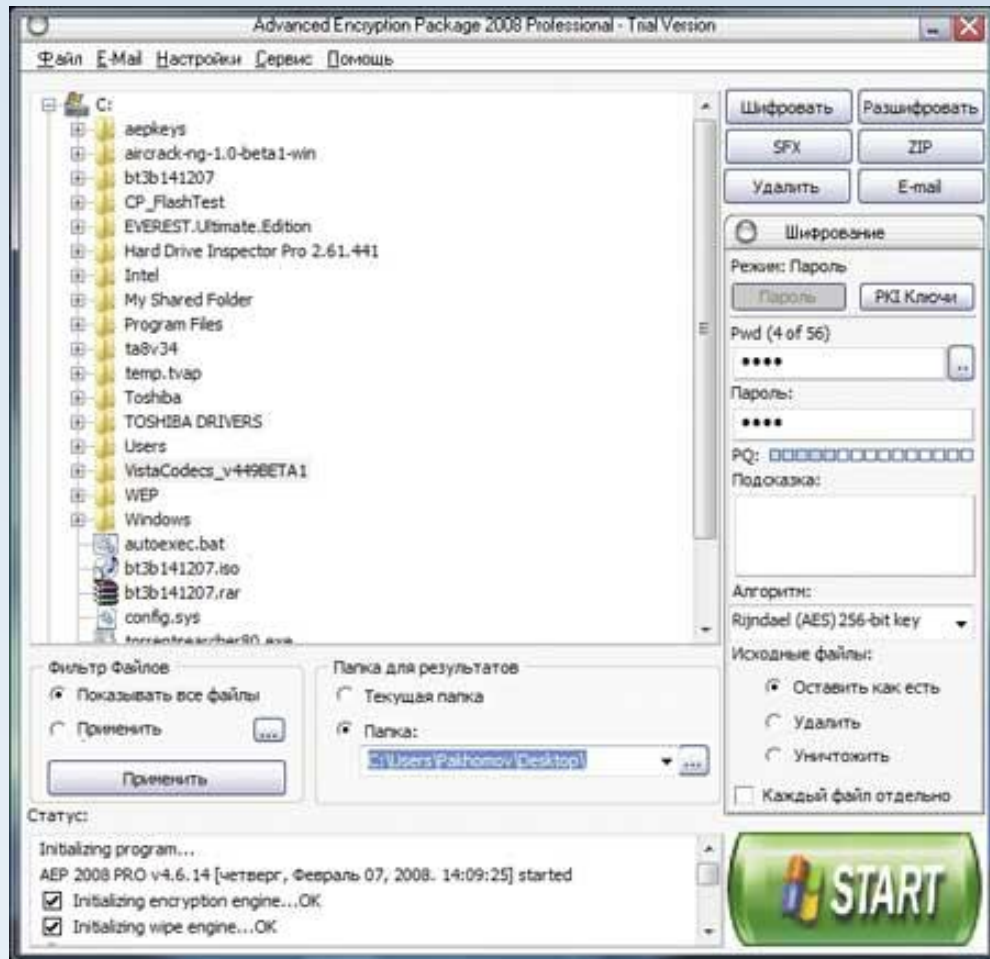


Архиватор WinZip предполагает использование шифрования AES с 128- или 256-битным ключом



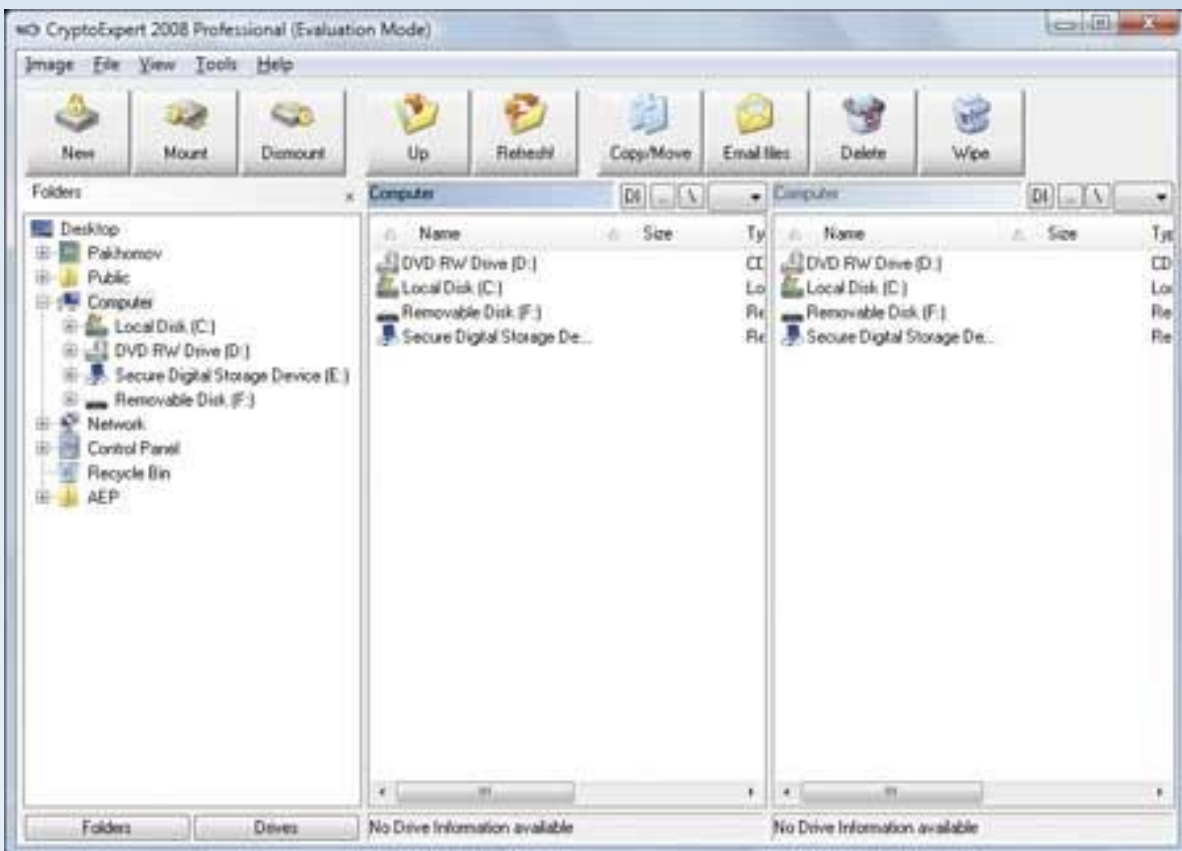
Архиватор WinRAR — шифрования AES с 128-битным ключом

# 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 context menu for a file, with the 'FineCrypt' option selected. The menu items are:

- Open
- Edit
- Preview
- Print
- Rotate Clockwise
- Rotate Counterclockwise
- Set as Desktop Background
- 7-Zip
- FineCrypt**
- 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
- Properties

The 'FineCrypt' submenu is open, showing the following options:

- Encrypt with password
- Encrypt with key
- Add to FineCrypt Extractor...
- Decrypt
- Wipe

Preferences dialog box for FineCrypt. The 'Encryption Algorithms' tab is selected. The 'Encrypt with' section has 'AES' selected. The 'Encryption mode' section has 'Cipher Feedback' selected. A 'Generate key...' button is visible.

General

Encryption

Algorithms

Quick Encrypt

Session

Paths

Interface

Compression

Encrypt with:

- AES
- Blowfish
- CAST-256
- GOST
- Square
- Mars
- RC-6
- Serpent
- TripleDES
- Twofish

Encryption mode:

- Electronic Codebook
- Cipher Block Chaining
- Cipher Feedback
- Output Feedback

Generate key...

OK

Help

Cancel

FineCrypt: Enter Encryption Key dialog box. It shows the current cipher (AES), blocksize (16), and mode (Cipher Feedback). The key size is set to 32 bytes. A key is displayed in hexadecimal and ASCII. There are buttons for 'Generate', 'Save...', 'Read...', 'OK', 'Cancel', and 'Help'.

Current cipher: AES      Blocksize: 16

Current mode: Cipher Feedback

Size of key: min. 16 max. 32 step 8

Hide key      Key size in bytes: 32

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~

Initial vector 16 bytes:

9F 39 01 DD FD 32 82 60 Ÿ9 ý2, '  
23 E4 70 6D 1C 80 79 86 #äpmËyt

Generate    Save...    Read...

OK    Cancel    Help

FineCrypt: Enter Passphrase dialog box. It has two input fields for 'Enter passphrase:' and 'Verify passphrase:'. Below them is a 'Passphrase strength' progress bar showing 0% strength. There are 'OK' and 'Cancel' buttons.

Enter passphrase:

.....

Verify passphrase:

.....

Passphrase strength

0%      100%

OK    Cancel

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

Please wait while key pair is being generated. This may take several minutes.

# 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:

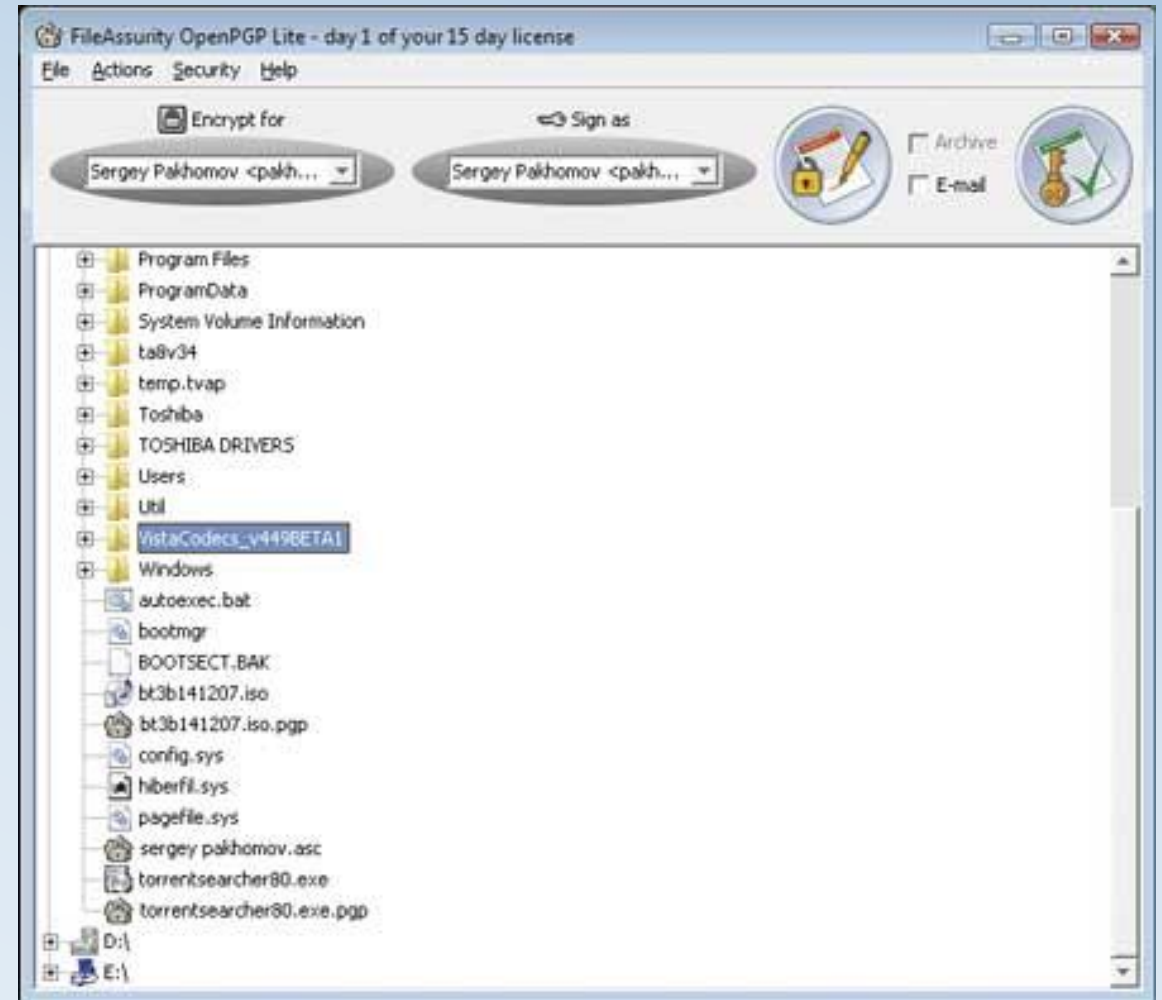
E-mail:

Valid from:  Valid to:  

Notes for this key

Key type

Key type  Key size



# Dekart Private Disk 2.10

