USERS MANUAL

PRODUCT OVERVIEW

Active@ Password Changer is a DOS-based solution designed for resetting local user password and account attributes on Windows NT / 2000 / XP / Vista / 2003 / 2008 systems in case of Administrator's password is forgotten, lost or user account has been blocked, disabled or locked out. You do not need to re-install and re-configure operating system in this case. With Active@ Password Changer you can log in as a particular user with empty password. Active@ Password Changer also provides the ability to manage with days and times of the week that the user account is permitted to log on to the computer, which is useful for preventing the logging on for account you choose (or remove that kind of prohibition). For example, you can define in what hours your child can logon to the computer.

This software has simple FDISK-like user interface, supports multiple hard disk drives, is able to detect several SAM databases (in case if multiple OS were installed on one volume) and pick up the right one before starting recovery process. List of local users is displayed; you should choose the one to reset password or parameters. It can reset *User is Disabled* flag, *Account is locked out* flag, *User must change password* flag and sets *Password never expires* to avoid possible user blocking after password has been reset.

Demo version allows you to detect proper SAM database, view the user list and particular user attributes. Commercial version actually resets passwords and changes attributes.

FAT16 / FAT32 / NTFS / NTFS5 file systems are supported.
Windows NT / 2000 / XP / Vista / 2003 / 2008 operating systems are supported for password recovery, new 64-bit MS Windows operational systems are supported as well.
MS-DOS, PC-DOS, DR-DOS, FreeDOS, OpenDOS – any DOS can be a running environment.

SYSTEM REQUIREMENTS

Active@ Password Changer for DOS requires:
- AT compatible CPU with 386 or greater processor
- 640 Kb of RAM
- 1.44 Mb floppy disk drive or CD-ROM drive
- EGA 640x480 or better screen resolution
- Bootable Floppy or CD-ROM containing DOS, or startup disk for Windows 95/98

OPERATING PROCEDURES

Active@ Password Changer operates from the floppy drive with a bootable floppy or CD-rom drive with a bootable CD in a Microsoft DOS environment.

The bootable floppy disk or CD should have MS-DOS system files and PWD_CHNG.EXE program file on it.

Please note that booting from CD is possible if your system has a CD burner to create CD and can be booted from CD.

Bootable floppy disk (startup disk) preparation

1. Preparing a DOS-Bootable Floppy Disk (Startup Disk).

If you do not have bootable floppy, you can prepare such disk from MS-DOS, Windows 95/98 the following ways:

- If you boot in MS-DOS or in Command Prompt mode of Windows 95/98, insert blank floppy and type:

        C:\> FORMAT A: /S

        … and follow the instructions on a screen

- If you boot in Windows 95/98/ME, go to the "Control Panel" then "Add/Remove Programs", then switch to tab "Startup Disk" and click button "Startup Disk…" and follow the instructions

- If you boot in Windows XP, insert blank floppy, right-click A: drive, choose "Format…", check "Create an MS-DOS startup disk" option and click "Start" button

2. Copying Active@ Password Changer.

Copy Active@ Password Changer (PWD_CHNG.EXE) to the bootable floppy disk.

Program start

- Boot from the floppy or CD-ROM in DOS mode, or Command Prompt mode in Windows 95/98

- Run Active@ Password Changer by typing this command, along with [Enter]:

        A:\> PWD_CHNG.EXE

- You will see the following options:

```
                 Active@ Password Changer v.2.0


                      OPTIONS:

      1 Choose Logical Drive

      2 Search for MS SAM Database(s) on all hard disks and logical drives

      3 Exit




      Your choice: [_]



                                              Press Esc to exit


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```

-   Press [1], [2] or [3] key for the action you want to perform.
-   Press [Esc] to exit the program.

Logical Drive Selection

- If you have chosen the first option on Options screen you may select a particular volume to scan for SAM detection.


```
                 Active@ Password Changer v.2.0


                   Logical drives list:

        --------------------------------------------------
        No|HDD|Partition| Type    | Disk Label| Size (Mb)
        --------------------------------------------------
          0 (0)      (0)    FAT16       BO OT      203
          1 (0)      (1)     NTFS       WIN2K     4902
          2 (1)      (0)     NTFS   NTFSDRIVE     4094




      Your choice (0..2 or All)[A]: [_]

                                              Press Esc to exit


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-   Press [1]...[9] key for particular volume selection, or [A] key to scan all volumes
-   Press [Enter] to perform default action (scan all volumes).

SAM Selection

- If the only SAM database is detected, press [ENTER] to get users information:

```
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      MS SAM Databases at disk(0)partition(1)Label<WIN2K>, FS:NTFS

         -----------------------------------------
         No| MS SAM Database Path
         -----------------------------------------
          0 \WINNT\SYSTEM32\CONFIG\sam






         There is one MS SAM database detected.
         Press Enter to continue...
                                                Press Esc to exit


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- If several SAM databases are detected you will be asked to choose the right one:

```
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           MS SAM Database(s) on all Logical drives:

 ------------------------------------------------------------------------------
 No|HDD|Partition| Type    | Disk Label| MS SAM Database Path
 ------------------------------------------------------------------------------
  0 (0)      (0)      FAT16       BO OT \WIN_C\SYSTEM32\CONFIG\sam
  1 (0)      (1)      NTFS        WIN2K \WINNT\SYSTEM32\CONFIG\sam




 There are 2 MS SAM databases detected. Choose the one to process.
         Your choice (0..1)[0]: [_]
                                                Press Esc to exit


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```

  - Press [1] ... [9] key for particular SAM database selection based on the appropriate database location and volume information.

User Selection

- After SAM database is scanned for all users the list of local users will be detected:

```
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                              USER LIST
 MS SAM path: \WINNT\SYSTEM32\CONFIG\sam               Total users: 0087
 at disk(0)partition(1)Label<WIN2K>, FS:NTFS
 ------------------------------------------------------------------------
 No|   RID  |User Name            | Description
 ------------------------------------------------------------------------
  0 000001f4 Administrator         Built-in account for administering the comp
  1 000003e8 pvv                   Senior Admin
  2 000003f2 KWhite                Network systems engineer (IT Department)
  3 000003f3 MBrown                User support (level 1)
  4 000001f5 Guest                 Built-in account for guest access to the co
  5 000003ec RBartolucci           CIO
  6 000003ed LDombrowsky           Field engineer
  7 000003ee EParsons              UrbanSoft Inc., Vice President
  8 000003ef MMeilleur             Liberal MPP for Ottawa-Vanier and Minister
  9 000003f0 RPatten               RTA Business division security officer
                                                                         ↓
     Your choice: [_]
                     Press Esc to exit or PgUp/PgDown to scroll User List

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```

- Press [1] ... [9] key for particular user information display
- Press [PgUp], [PgDown] to scroll the users list.

Please note:
- Primary (built-in) Administrator is outlined by Cyan color,
- Other users having Administrator's privileges are outlined by Green color,
- Users having Administrator's privileges but disabled are outlined by Dark Green color,
- Disabled Users are outlined by Grey color.

Password Reset and changing account parameters

- After user account is chosen you see its information form SAM database:

```
        Active@ Password Changer v.3.0 (build 0262)

             User's Accout parameters:

MS SAM Database:(0)(1)<WIN2K>\WINNT\SYSTEM32\CONFIG\sam
User's name is "KWhite" (RID=0x000003F2)
_____
Full Name  :"Karoline White"
Description:"Network systems engineer (IT Department)"
  Existing:  Change to:
    [X]        [ ]      User must change password at next logon
    [ ]        [X]      Password never expires
    [X]        [ ]      Account is disabled
    [ ]        [ ]      Account is locked out
               [X]      Clear this User's Password


           PgDn to view or/and change permitted logon hours
_____
           Press Y to save changes and exit or Esc to exit without saving


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- Password changer shows Existing account's parameters in one column and recommended settings in another;
- If you defined this user as a user you need to change settings and reset password, just press [Y] to do that.
- You can also change default recommended settings and make your own choice. To choose desired option use arrows keys and [Space] key to mark or unmark it.

```
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             User's Accout parameters:

MS SAM Database:(0)(1)<WIN2K>\WINNT\SYSTEM32\CONFIG\sam
User's name is "KWhite" (RID=0x000003F2)
_____
Full Name  :"Karoline White"
Description:"Network systems engineer (IT Department)"
  Existing:  Change to:
    [X]        [ ]      User must change password at next logon
    [ ]        [X]      Password never expires
    [X]        [ ]      Account is disabled
    [ ]        [ ]      Account is locked out
               [ ]      Clear this User's Password


           PgDn to view or/and change permitted logon hours
_____
           Press Y to save changes and exit or Esc to exit without saving


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- To view and change permitted logon days and hours press [PgDn] key:

```
          Active@ Password Changer v.3.0 (build 0262)

                 User's Accout parameters:

MS SAM Database:(0)(1)<WIN2K>\WINNT\SYSTEM32\CONFIG\sam
User's name is "KWhite" (RID=0x000003F2)
                                                                     ↑
                    Permitted Logon Hours (GMT)
        0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
 Su [X][X][X][X][X][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][X][X][X][X][X][X][X][X][X][X]
 Mo [X][X][_][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][X]
 Tu [X][X][X][X][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][X]
 We [X][X][X][X][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][X]
 Th [X][X][X][X][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][X]
 Fr [X][X][X][X][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][X]
 Sa [X][X][X][X][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][X][X][X][X][X][X][X]

           PgUp to view or/and change account's parameters


         Press Y to save changes and exit or Esc to exit without saving


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- To select and choose days and hours use arrow keys and [Space] bar. Please note that hours are pointed in GMT (Greenwich Mean Time) and you should take into account your time zone. NOTE: Default Windows system accounts may not have "permitted logon hours" options;

- Press [Y] if you like to save your changes or press [Esc] to save account intact and return to previous window (List of accounts)

```
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                 User's Accout parameters:

MS SAM Database:(0)(1)<WIN2K>\WINNT\SYSTEM32\CONFIG\sam
User's name is "KWhite" (RID=0x000003F2)

Full Name  :"Karoline White"
Description:"Network systems engineer (IT Department)"
  Existing:   Change to:
    [X]         [ ]        User must change password at next logon
    [ ]         [X]        Password never expires
    [X]         [ ]        Account is disabled
    [ ]         [ ]        Account is locked out
                [ ]        Clear this User's Password


           PgDn to view or/and change permitted logon hours


         Press Y to save changes and exit or Esc to exit without saving
User's attributes has been succesfully changed. (Press any key...)

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