

# AntiDuplicate

## Demo User Manual

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# 1 AntiDuplicate



**AntiDuplicate** is the SDK for creation of USB hardware keys for copy protected software distribution. With AntiDuplicate you prepare hardware keys (dongles) from ordinary USB flash drives!

We use the term **AntiDuplicate drive** to refer to USB flash drive after processing by AntiDuplicate Drive Maker.

AntiDuplicate drives are the robust USB hardware keys and the media for software distribution at the same time.

Applications protected by AntiDuplicate run under Windows 2000/ XP/ Server 2003/ Server 2008/ Vista/ Windows 7.

AntiDuplicate drives contain unique identification information, that is readable only by your application. This means that each instance of your protected program has an unique USB flash drive, that must be plug into USB port when your program is running.

Using AntiDuplicate, you can also distribute demo version of your application on USB key drives, and then transform it into commercial version remotely. Your application will work only if the original USB key drive is plugged into USB port on your customer's computer.

AntiDuplicate is a tool for programmers for Microsoft Visual C++, C#, VB.NET, Visual Basic, PowerBASIC, Visual FoxPro, Borland Delphi, C++ Builder, WinDev and other programming languages.

[Features and System Requirements](#) 

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[Registration](#) 

## 2 Features and System Requirements

We use the term **AntiDuplicate drive** to refer to USB flash drive after processing by AntiDuplicate Drive Maker.

### Minimum system requirements for using of AntiDuplicate drives:

- PC-compatible machine
- 32 MB RAM
- Standard USB port
- Operating systems: Windows 2000/ XP/ Server 2003/ Server 2008/ Vista/ Windows 7

For using of AntiDuplicate drives you can be logged to Windows without Administrator privileges.

AntiDuplicate system files require less than 2 MB of space on each USB drive.  
All other drive space may be used for your own files.

### Minimum system requirements for AntiDuplicate Drive Maker:

- PC-compatible machine
- 256 MB RAM
- 20 MB hard drive space
- Standard USB port
- Operating systems: Windows 2000/ XP/ Server 2003/ Server 2008/ Vista/ Windows 7

You need log on to the system with an account that has administrative privileges to create AntiDuplicate drives.

Each protected application uses an unique DLL for checking of AntiDuplicate drives. The application obtains information from the DLL by means of functions with the encrypted arguments.

### See also:

[License agreement](#)<sup>[7]</sup>, [Registration](#)<sup>[9]</sup>, [Some Notes](#)<sup>[6]</sup>

## 3 Installation

If you have any previous installations of AntiDuplicate, we recommend to remove them.

To remove an old AntiDuplicate installation:

Ver. 3.0.5 and older: use the Windows Control Panel.

Ver. 4.0.0 and newer: click the Uninstall icon from the Start menu > Programs > AntiDuplicate group, or just run Uninst.bat from the AntiDuplicate directory.

Note that all files in the AntiDuplicate directory will be deleted.

Start **AntiDuplicateSetup.exe**.

You must have administrative rights to install and use the AntiDuplicate Drive Maker.

End users of AntiDuplicate drives can be logged to Windows without administrative privileges.

[Features and System Requirements](#) 

## 4 How to Use the Demo

After installation, the group named "AntiDuplicate" is created on the Start menu. This group contains shortcuts to programs: **AntiDuplicate Demo Drive Maker** and **Demo Drive Tester**.

1. Start **AntiDuplicate Demo Drive Maker** program. Note that this Demo does not work under debuggers.
2. To prepare a demo AntiDuplicate key drive plug a USB flash drive into any USB port and click **Prepare Demo Drive**.
3. At the end of the process a window "AntiDuplicate drive was successfully created!" appears. Click **OK**.
4. Start **Demo Drive Tester** program.
  - If you plug a USB drive created by AntiDuplicate Demo Drive Maker into any USB port and click **Check Flash Drive**, at the end of the process the message "This is the Original Drive" will appear.
  - If you plug any copy of this AntiDuplicate drive in any USB port and click **Check Flash Drive**, at the end of the process the message "This is NOT Original Drive" will appear. So you can verify that there is really no hardware or software to copy AntiDuplicate drives correctly.

Note that if the original drive and not original drive are plugged in USB ports at the same time, the result is "This is the Original Drive" message.

5. If you want to check this drive on the system where AntiDuplicate is not installed, copy the following files to your USB drive:

```
<AntiDuplicate>\Application Demo\YourApplication.exe  
<AntiDuplicate>\Application Demo\adp_de.dll
```

there <AntiDuplicate> is the directory where AntiDuplicate was installed ("C:\AntiDuplicate\DemoXXXXXXXXXX" by default, XXXXXXXXXXXX is the code of the AntiDuplicate version).

After that you can start the test program "YourApplication.exe" from the USB drive.

**To remove AntiDuplicate Demo protection** from your USB flash drive:

Start **AntiDuplicate Drive Maker** and choose **File | Remove Demo Protection** from the menu.

See also: [Some Notes](#) 

## 5 Some Notes

AntiDuplicate is a tool for programmers for Microsoft Visual C++, C#, Visual FoxPro, Visual Basic, VB.NET, PowerBASIC, WinDev, Borland Delphi and C++ Builder and other Windows programming languages that support dynamic library calls.

Registered users will receive code samples for using the AntiDuplicate drives from the executable file, and the software for preparing AntiDuplicate drives from the ordinary USB flash drives.

You need to modify your executable file sources to enable reading the identification information from the USB drive. If this information does not correspond to your AntiDuplicate drive, your application presumes that the drive was copied, or no the original drive in USB ports, so you can program any response.

In addition, AntiDuplicate diagnostics function returns special constants, which are unique for each protected USB drive. You can use these constants as an encryption key for your data (note that AntiDuplicate does not provide this feature). Then this encrypted data can be saved to the AntuDuplicate drive.

Some types of USB flash drives cannot be used to create AntiDuplicate drives. In this case AntiDuplicate Demo Drive Maker shows the message "Sorry, the plugged USB flash drive cannot be used as AntiDuplicate drive. Please try the other flash drive model." We recommend Transend USB flash drives, e.g. Transend JetFlash® V10, V20, V30, V33, V35, V60, V85, 185, 150, T3.

Of course, it is impossible to guarantee that any USB drive model will be worked as AntiDuplicate drive. Please use our AntiDuplicate Drive Maker and Drive Tester to check each model.

[How to Use the Demo](#) 

## 6 License Agreement

AntiDuplicate™

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### LICENSE AGREEMENT

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This License Agreement is a legal agreement between you (either an individual or an entity), the licensee, and Alkonost Software ("Licensor"), regarding the software and service titled AntiDuplicate, which includes computer software and may include associated media, printed materials, and "online" or electronic documentation. By installing, copying, or otherwise using AntiDuplicate, you agree to be bound by the terms of this License Agreement. If you do not agree to the terms of this License Agreement, do not install or use AntiDuplicate.

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For the purposes of this Agreement, "Licensor Site" shall mean the Internet website maintained by or on behalf of Licensor from which the AntiDuplicate is available for download pursuant to a license from Licensor. The Licensor Site is currently located at [www.alkonost.com](http://www.alkonost.com).

#### 1. License Terms

- 1.1. "AntiDuplicate drive" means the key USB drive that is prepared by AntiDuplicate.
- 1.2. All upgrades, revisions, patches, modifications of your one application can be interpreted as the same application.

#### 2. AntiDuplicate (For All Licenses)

You must not defeat, or try to defeat, messages in AntiDuplicate which encourage users to register, or reverse engineer, decompile or disassemble the AntiDuplicate.

You may not use, copy, emulate, clone, rent, lease, sell, modify, or transfer the licensed AntiDuplicate, or any subset of the licensed AntiDuplicate, except as provided for in this agreement. You may not remove or alter any copyright notices or other proprietary notices on any copies of AntiDuplicate. Any such unauthorized use shall result in immediate and automatic termination of this license and may result in criminal and/or civil prosecution.

#### 3. AntiDuplicate Demo (Unregistered)

You are hereby granted the right

- to make as many copies of the AntiDuplicate Demo as you wish;
- give exact copies (including all files) of the original AntiDuplicate Demo to anyone;
- distribute the AntiDuplicate Demo in its unmodified form via electronic means.

There is no charge for any of the above.

You are specifically prohibited from charging, or requesting donations, for any such copies (a small handling fee is acceptable). AntiDuplicate drives prepared by AntiDuplicate Demo are not licensed for distribution.

#### 4. AntiDuplicate Standard

Once registered, you are granted a non-exclusive license to use AntiDuplicate Standard on one computer at a time. Standard Package includes the software for preparing of any number of AntiDuplicate drives for distribution of ONE application. You can distribute these AntiDuplicate drives with your software without any royalties. The registered AntiDuplicate Standard may not be rented or leased.

#### 5. AntiDuplicate Professional

Once registered, you are granted a non-exclusive license to use AntiDuplicate Professional for all developers in the single organization for an area of up to one hundred miles (160 km) in radius. Professional Package includes the software for preparing of any number of AntiDuplicate drives for distribution of FIVE applications.

You can distribute these AntiDuplicate drives with your software without any royalties.  
The registered AntiDuplicate Professional may not be rented or leased.

#### 6. AntiDuplicate Enterprise

Once registered, you are granted a non-exclusive license to use AntiDuplicate Enterprise for any employee or dealer of a single organization, regardless of location.

Enterprise Package includes the software for preparing of any number of AntiDuplicate drives for distribution of FIVE applications.

You can distribute these AntiDuplicate drives with your software without any royalties.  
The registered AntiDuplicate Enterprise may not be rented or leased.

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## 7 Purchase

Thank you for your interest!

To purchase AntiDuplicate SDK, please visit our WEB site:

<http://www.alkonost.com/antiduplicate/reg/>

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