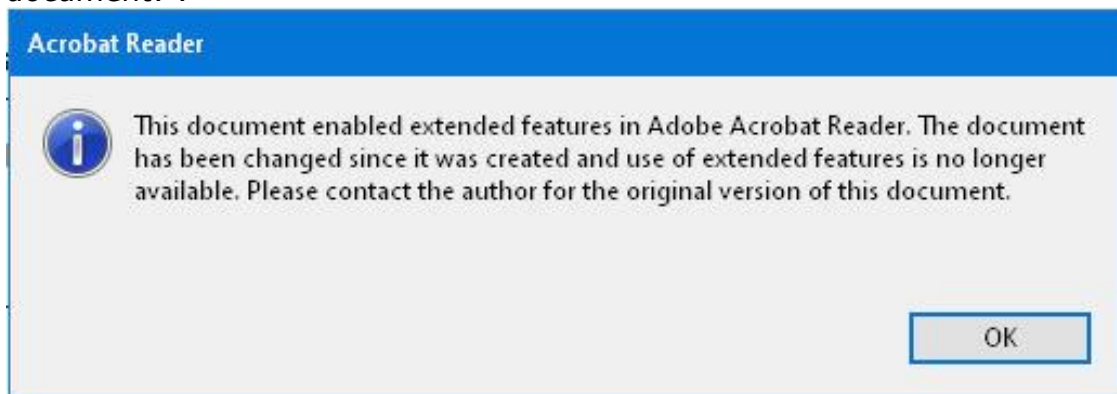# Unlock_ald - Unlock/free pdf-forms created by Adobe products like the LiveCycle Designer
Unlock_ald - Unlock/free any pdf-file from main rights if there's no user password set

Purpose of application

If a pdf-form - originally created by an Adobe product - was processed and modified by an external third party tool it's possible that an error message will raise while opening the form with the Acrobat Reader like:
"*This document enabled extended features in Adobe Acrobat Reader. The document has been changed since it was created and use of extended features is no longer available. Please contact the author for the original version of this document.*".

Now this form can't be used as a form - now it's only a document.

There are **no such problems** using our Unlock_ald first!
After converting a pdf-form created by an Adobe product - for example the LiveCycle Designer - with Unlock_ald... the converted pdf-form can be used with any third party tool/sdk without any further problems while using it again with the Adobe Reader and other Adobe products.

As an internal addon you're able to strip any rights from a pdf-file - even if a main password is set.
A user password can prevent from doing this but you'll rarely find a file with a user password set ;-)

The package contains two versions – 32 bit and 64 bit.

How to use...

You can use it **manually on the cmd-line**.
You can use it directly **from the explorer context** via send-to.
You can use it **inside cmd- or bat-files**.
You can use it **unvisible inside your programs** via shell syntax.
After buying the unrestricted version you can use it manually or inside YOUR (published and distributed) applications with an unlimited license!

How to use detailed...

For successful processing the cmd-exe needs two parameters and a special option:
1. Complete filename and -path.
2. 1 = Keep the original file (new file is named ..._conv.pdf)/ 0 = Overwrite the original file.
3. If you use only one parameter 9 without any filename Unlock_ald will be inserted into the windows-explorer-contextmenu at send-to.
If you use only parameter 8 without any filename Unlock_ald will be removed from windows-explorer-contextmenu at send-to.
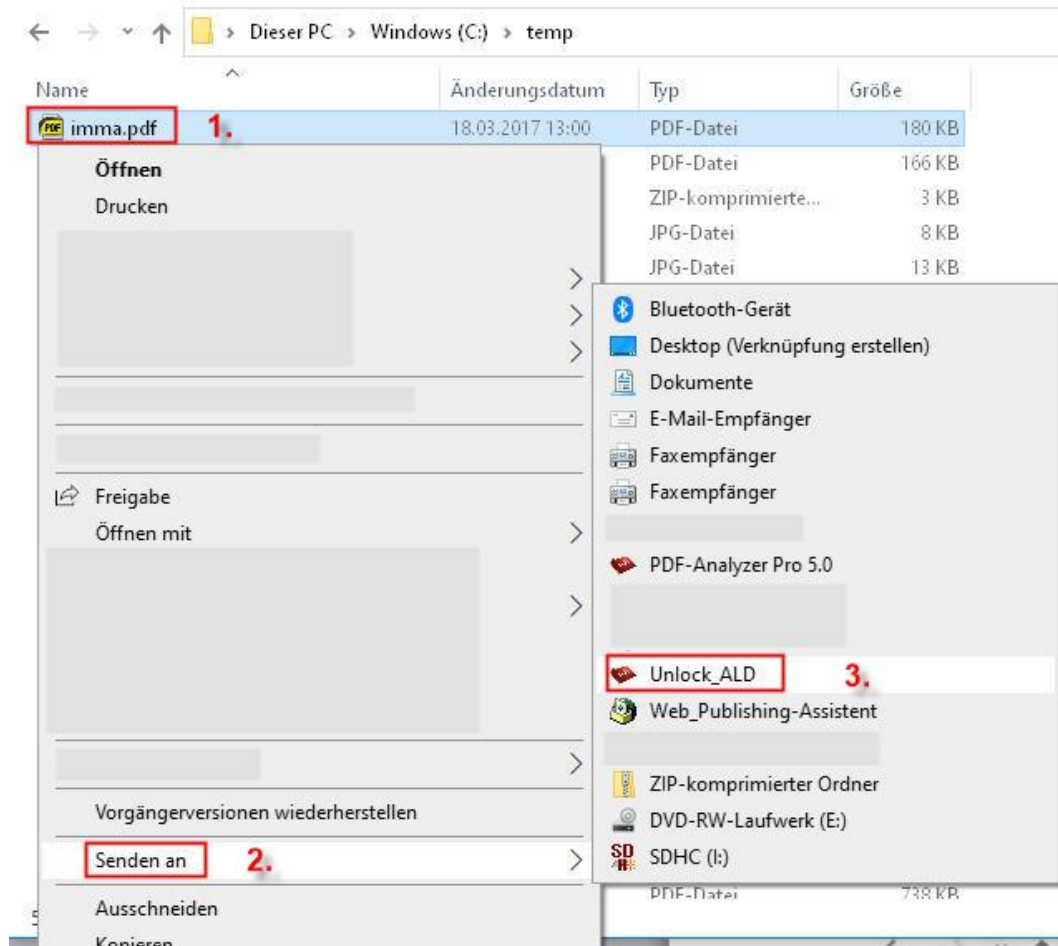
>> A returning value 1 means function processed with success - 0 means error.
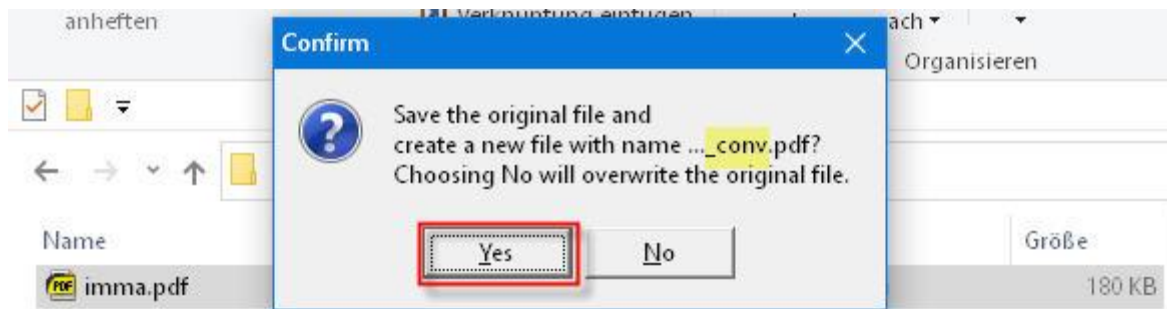
Using it via dialog...

If unlock_ald is inserted into the explorer context at "send to" you're able to work on pdf-files directly in dialog.
Mark the pdf... open the explorer context menu/send to... choose "Unlock_ALD":
A small dialog (yes/no) offers two options (convert to a new file or overwrite).
With "yes" or "no" you can choose - It's that easy!

1. **Mark the file with the mouse cursor. Activate the context menu. Choose „send to...". Klick on „Unlock_ALD".**

2. **The small dialogue asks if the converted (stripped) pdf shall be written into a new file (with „_conv") or if the original (old) file shall be overwritten.**

3. **„Yes" was choosed – so a new file with an additional „_conv" was written.**

Samples could be…

Unlock_ald directly from the cmd-line…

"c:\temp\unlock_ald.exe" "c:\temp\sample.pdf" 1 (keep the original file - new file is named ..._conv.pdf)

"c:\temp\unlock_ald.exe" "c:\temp\sample.pdf" 0 (overwrite the original file)
"c:\temp\unlock_ald.exe" 9 (insert into explorer-context at send-to)
"c:\temp\unlock_ald.exe" 8 (remove from explorer-context at send-to)

A returning exitcode-value you can see on the commandline as error-level/runtime-error-value.
Using unlock_ald via shell-syntax in your app you can get the exitcode after the process-loop.
Please have a look into the cmd-/bat-samples.
In the zip-package are sample-projects for vb6, vb.net, C# and delphi.

Unlock_ald inside cmd- or bat-files…

Overwrite the existing original file with the processed content:

```
*save_at_ori.cmd - Editor
Datei  Bearbeiten  Format  Ansicht  Hilfe
rem  *-----------------------------------------------------------------*
rem  unlock/free the original pdf-file with unlock_ald via commandline
rem  *-----------------------------------------------------------------*
"c:\temp\unlock_ald.exe" "c:\temp\sample.pdf" 0
```

Write the processed content into a new file with „_conv":

```
*save_at_conv.cmd - Editor
Datei  Bearbeiten  Format  Ansicht  Hilfe
rem  *-----------------------------------------------------------------*
rem  unlock/free the pdf into ..._conv.pdf with unlock_ald via commandline
rem  *-----------------------------------------------------------------*
"c:\temp\unlock_ald.exe" "c:\temp\sample.pdf" 1
```

Insert Unlock_ALD into the explorer context menu:

```
*insert_into_context.bat - Editor
Datei  Bearbeiten  Format  Ansicht  Hilfe
rem  *-----------------------------------------------------------------*
rem  insert unlock_ald into the explorer context (send to) via commandline
rem  *-----------------------------------------------------------------*
c:\temp\unlock_ald.exe 9
```

Starting a bat-file from cmd looks like this:

```
C:\temp>insert_into_context.bat

C:\temp>c:\temp\unlock_ald.exe 9
Runtime error   1 at 008B87F8

C:\temp>
```

Yellow line   The bat-file is inserted on the cmd-line with [Enter]
Blue line   The code inside the bat-file was processed
Red line   The function/bat-file returns with success (1=Okay)

The additional zip-package contains samples for vb6, vb.net, C# and delphi to show how to use Unlock_ALD via shell-syntax in your app…

Delivered exit-codes / errors by Unlock_ald...

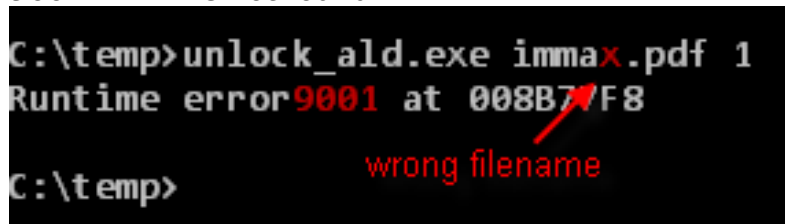0   Common error using the function
1   Success using the function

```
C:\temp>unlock_ald.exe 9
Runtime error    1 at 008B87F8

C:\temp>        value 9 is valid - result 1 means okay
```

9001 PDF-file not found

```
C:\temp>unlock_ald.exe immax.pdf 1
Runtime error9001 at 008B7F8

C:\temp>        wrong filename
```

9002 It's not a pdf-file

9007 Error while loading the file
9008 Error dictionary failure
9009 Invalid or damaged page structure
9010 There is a user password set

9006 Parameters are missing
9021 Parameter 1 (processed path-/filename) is wrong or doesn't exist
9026 Parameter 2 (1 or 0 keep/overwrite original file) is wrong
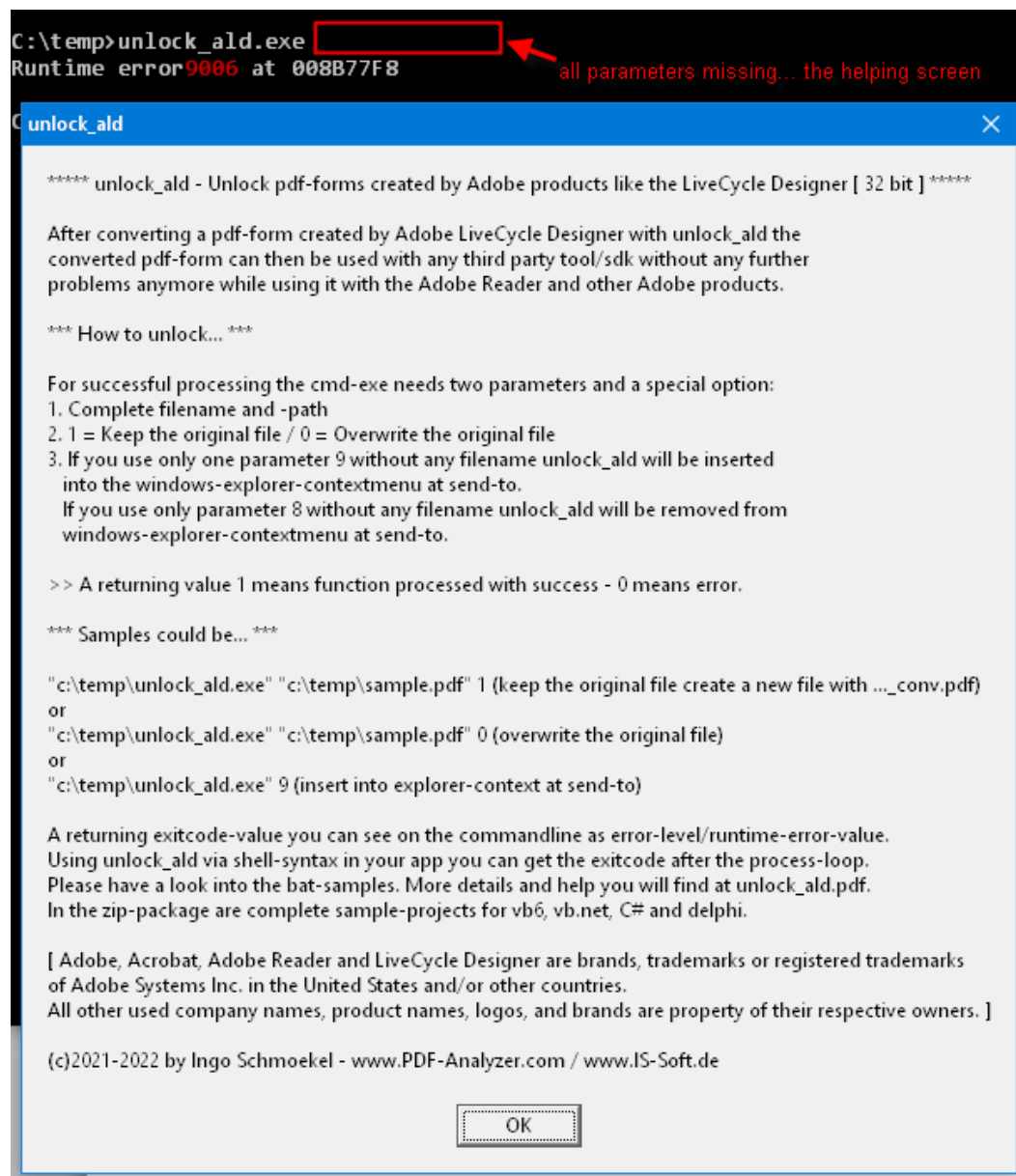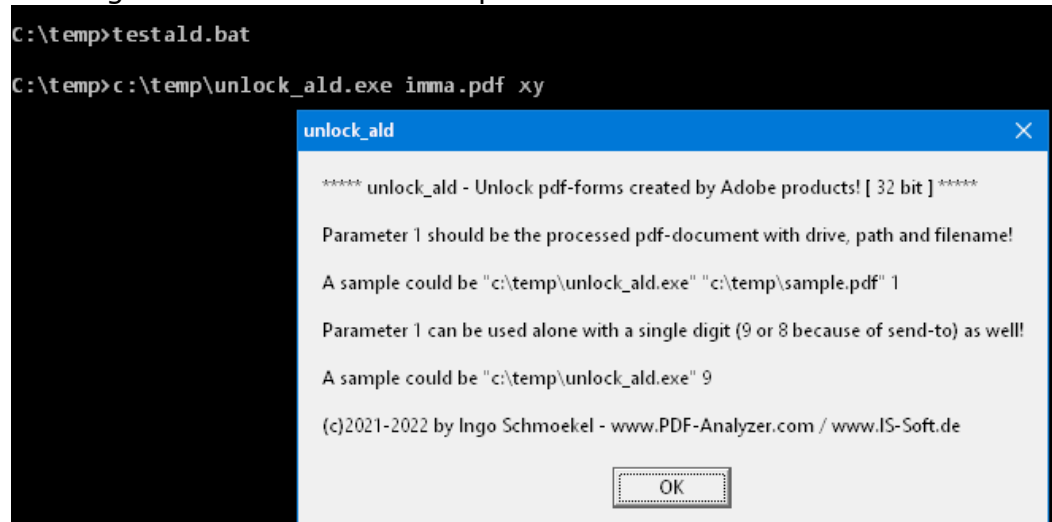9027 Parameter 1 (9 or 8 for insert into/remove from explorer context) is wrong

```
C:\temp>unlock_ald.exe 6
Runtime error9027 at 008B87F8

C:\temp>        Parameter value 6 is invalid
```
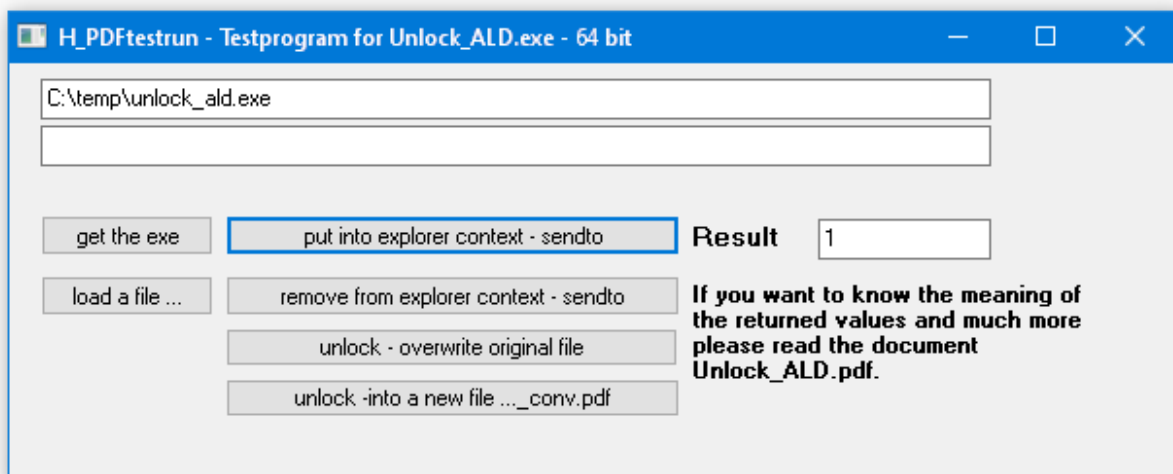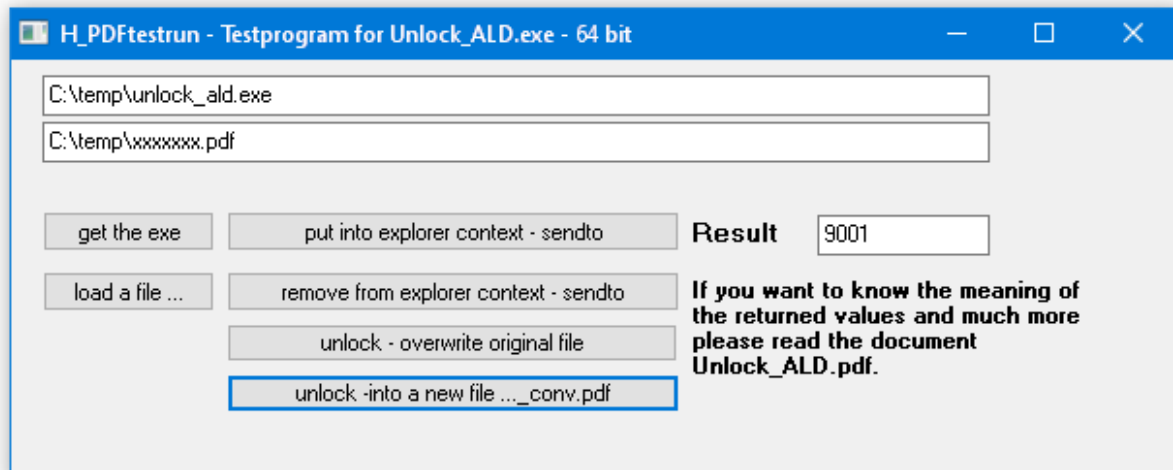
The runtime-„errors" you'll get if there is a real data error.
If there's an error while using the parameters with the app a helping popup
message will raise like this sample here:

```
C:\temp>testald.bat

C:\temp>c:\temp\unlock_ald.exe imma.pdf xy
```



```
C:\temp>unlock_ald.exe [          ]     ← all parameters missing... the helping screen
Runtime error9006 at 008B77F8
```
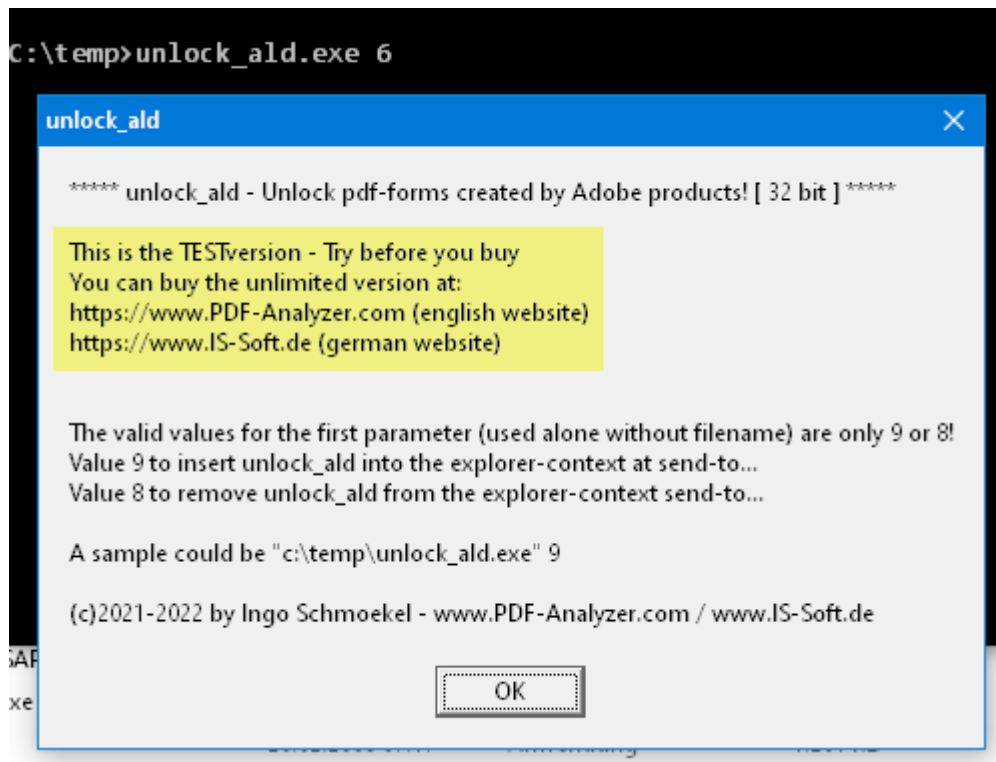
The Test-Application in the package…

There's an additional test-app (32bit/64bit) in the package to show you how Unlock_ALD can be used inside external apps.

The source of this test-app is in the package as well to show how to work with the shell syntax… how to get the exit code… and so on.

Differences between test- and pro-version...

1. The testversion of Unlock_ALD needs the unchanged pdf „testversion_only_unlock_ald.pdf" in the same directory! Without this file the testversion won't work.
2. The popup messages contains an additional text like in this sample:

After buying the unrestricted version you can use Unlock_ALD manually or inside YOUR (published and/or distributed) applications.
The license grants unlimited usage!