

CrypKey Changes

**This document indicates accumulative changes to
CrypKey 7 components.**

CrypKey SDK 7.3.....	3
CrypKey Instant 7.3.....	3
CrypKey License Service	4
Build 10007.....	4
Build 10006.....	4
Build 10005.....	4
Build 10003.....	4
Build 10001.....	5
crp32002.ngn	5
build 7504	5
build 7503	5
build 7501	5
build 7305	5
build 7300	5
build 7275	5
build 7274	6
build 7272	6
build 7261	6
build 7256	6
build 7216	6
build 7123	6
Net Assemblies	7
DotNet conversion files	7
CrypKeyCom7.dll.....	8
File Date 02/02/2010 build 7.2.5.2	8
File Date 07/09/2009 build 7.2.5.1	8
File Date 07/09/2009 build 7.2.5.0	8
CKConfig.dll.....	8
Enterprise License Manager	8
SiteKey Generator.....	8
Version: 7.1.2.3.....	8
Casper.dll.....	9
Version: 2.0.150.0.....	9
Version: 2.0.148.0.....	9
Version: 2.0.147.0.....	9
crp32dll.dll	9
build 7.3	9
crp64dll.dll	9

This document was last updated: 11/25/2010

build 7.3	9
Maintenance Releases	9
CrypKey Maintenance Release 7505	9

This document was last updated: 11/25/2010

CrypKey SDK 7.3

- Fixed problem with corrupt pdf documents
- Fixed problem protecting .NET exes where you would get error opening output.exe file
- Changed protection to allow non-stealth protection of .NET files.
- Disabled interface in commandline utilities to allow interaction with build services that run in a non-interactive desktop.
- Added ELM Quick Start Guide

CrypKey Instant 7.3

- Fixed problem with corrupt pdf documents
- Fixed problem protecting .NET exes where you would get error opening output.exe file
- Changed protection to allow non-stealth protection of .NET files.
- Disabled interface in commandline utilities to allow interaction with build services that run in a non-interactive desktop.
- Fixed problems with corrupt chm files.
- Fixed problems with menu behaviour on protected application.
- Fixed problem opening cki32.hlp from protected application menu on Vista/Windows7 operating systems
- Added ELM Quick Start Guide
- Added Instant Quick Start Guide

This document was last updated: 11/25/2010

CrypKey License Service

*Note: For Windows NT/2000 support, use build 10003 or older.
These operating systems are not supported in the new builds.*

Build 10007

File Dates:

setupex.exe 3/18/2010

cks.exe 3/18/2010

- Fixes a problem with 103 errors where the .ckn file shows a 103 error when trying to save a sitekey.
- Requires a reboot after install.
- This is the last build of the service that will require a reboot.

Build 10006

File Dates:

setupex.exe 1/18/2010

cks.exe 1/20/2010

- Added /H switch to suppress "install completed" message when running in verbose mode.

Build 10005

File Dates:

setupex.exe 11/17/2009

cks.exe 11/20/2009

- Modified to put full path of service (cryptserv.exe) into the registry per Microsoft certification requirements.
- Files setup_ck.exe and setup_ck.dll are no longer required or installed. They have been removed from the cks.exe archive.
- Added /L switch to create install/uninstall log file
- Resolved issue with ckldr.sys digital signature on 64bit OS

Build 10003

File Dates:

setupex.exe 6/12/2009

cks.exe 6/12/2009

- Fixes -103 errors on 64bit operating systems

This document was last updated: 11/25/2010

Build 10001

File Dates:

setupex.exe 4/15/2009

cks.exe 4/15/2009

- Fixes -103 errors on 32bit operating systems
- Fixes problem with Windows defender and Symantec Endpoint that could cause 'reply from server garbled' error.
- modified setupex.exe to ignore uninstall messages using the /s (silent) switch

crp32002.ngn

build 7504

File Date: 10/22/2010

- Fixes a backwards compatability issue introduced in 7503, where replacing the ngn caused a *-5 Program Moved or SiteKey Bad Password* error.

build 7503

File Date: 9/15/2010

- Uses a virtual computer ID number based on several hardware components. This is more flexible, and licenses are not disabled due to issues with hard drive serial numbers.

build 7501

File Date: 7/22/2010

- Added logic to deal with problem of invalid licenses due to changing hard drive serial numbers on a restart. The problem occurs on computers with multiple hard drives – the result of a Microsoft OS bug. This ngn will still allow the application to run in this case.

build 7305

File Date: 5/31/2010

- Fixed crp32002.ngn crash issue that occurred when the InitCrypKey filepath paramter exceeded 120 bytes. The problem is seen in ngn build newer than 7261.

build 7300

File Date: 4/6/2010

- Added support for USB Keys > 1 GB

build 7275

File Date: 2/2/2010

- Fixes problem where GetPCSerial did not handle the case where the bios serial number contains only a space. Now it correctly returns -3 in for this condition.

This document was last updated: 11/25/2010

build 7274

File Date: 1/11/2010

- Fixes problem where License expander Check Out Modules allows seat limit to be exceeded.

build 7272

File Date: 12/11/2009

- GetSystemWow64Directory implemented dynamic so ngn can still run on Win 2000

build 7261

File Date: 10/19/2009

- Contains a fix for the loss of licenses related to the error messages SiteKey File Moved and Restriction File Moved.

build 7256

File Date: 08/11/2009

- Fixes issue where the HDSN changes after restart (on dual drive system).
- Fixes issue where the HDSN cannot be retrieved on some computers.

build 7216

File Date: 05/04/2009

- Network Easy License Support
- VMGuard added
- Fixed License add-on problem where modules were not making .tb network file
- Fixed problem with days not decrementing if easy license
- Fixed problem with runs not decrementing caused by change to easy license logic.
- Logs the SiteKey if there is a SaveSiteKey() error
- Fixed a bug in the killlicense feature

build 7123

File Date: 2/12/2009

- Fixes memory leak in USB code
- Modified to detect VMWare hard drive serial number
- Fixed problem with high CPU utilization (50-99%) that occurred when ELM server restarts
- Turned off write of license files (key,rst,ent) for USBONLY licenses
- Fixed USB Optical mouse bug

This document was last updated: 11/25/2010

Net Assemblies

File Dates:

CrypKeyNET2.dll 1/14/2010 version 1.0.0.7

- Added missing GetUSBKeyDrive function

File Dates:

CrypKey64NET2.dll 11/2/2009

Crp64DLL.dll 10/30/2009

- New 64bit assemblies created

File Dates:

CrypKeyNET2.dll 6/26/2009

CrypKeyNET.dll 6/26/2009

- Added missing function: ckResolveVistaPath()
- Added missing function: IsEasyLicense()

DotNet conversion files

File Dates:

DotNetBase.exe 7/9/2010

DotNetHost.exe 3/31/2010

DotNetIcon.exe 2/4/2009

DotNetJoiner.exe 7/9/2010

- Fixed a problem where merged dlls where unable to load.
The encryption process was truncating all characters after the period.
This is no longer an issue.

File Dates:

DotNetBase.exe 4/7/2010

DotNetHost.exe 3/31/2010

DotNetIcon.exe 2/4/2009

DotNetJoiner.exe 3/31/2010

- Fixed a problem where you would get a message about being unable to open output.exe file.
- Fixed a problem where stealthed .NET application would launch and then suddenly close down.

File Dates:

DotNetBase.exe 2/4/2009

DotNetHost.exe 2/4/2009

DotNetIcon.exe 2/4/2009

DotNetJoiner.exe 2/4/2009

This document was last updated: 11/25/2010

- Fixed a problem on Vista where protected app cannot load embedded dll assemblies caused by Vista security not allowing the user to create a file called c:\hostdebug.txt. The code to create this file is now turned off in release mode.

CrypKeyCom7.dll

File Date 02/02/2010 build 7.2.5.2

- Added support for function GetPCSerial, which will get the serial number from the BIOS, if it is available.

File Date 07/09/2009 build 7.2.5.1

- Added support for new License File Expander functions: checkinmodule and checkoutmodule.

File Date 07/09/2009 build 7.2.5.0

- Added support for License File Expander functions

CKConfig.dll

File Date: 1/30/2009

- Fixed problem with ELM and ClientLicenseConfig utilities crashing when used on large networks, when using the Edit configuration option in the ELM/CLM.

Enterprise License Manager

File Date: ELM.exe 12/10/2008

- Fixed problem where ELM Crashes after your choose Actions + Transfer Licenses

SiteKey Generator

Version: 7.1.2.3

File Date: 5/4/2009

- Modified to allow days, runs and network licenses with EasyLicense. Requires crp32002.ngn of 7216 or newer.
- enabled add-on license for EasyLicense. Requires custom crp32002.ngn to use this feature.

This document was last updated: 11/25/2010

Casper.dll

Version: 2.0.150.0

File Date: 10/20/2009

- Fixed problem where Wizard email screens would crash when using CasperSend function.

Version: 2.0.148.0

File Date: 7/31/2009

- Fixed problem with etransfer, error in transaction was not being reset in subsequent transactions

Version: 2.0.147.0

File Date: 6/14/2007

- Fixed problem with etransfer, error in transaction was not being reset in subsequent transactions

crp32dll.dll

build 7.3

File Date: 9/22/2010

- Added functions to support license file expander

crp64dll.dll

build 7.3

File Date: 9/16/2010

- Added functions to support license file expander

Maintenance Releases

CrypKey Maintenance Release 7505

2010-10-26

This maintenance release contains:

1. Libraries and NGN updated to contain the CrypKey Intelligent Hardware Sensing technology
2. VS2010 libraries
3. A Test program for most libraries

This document was last updated: 11/25/2010

To use:

1. If you use it, replace the header file CrypKey.h with the one in this release.
2. Replace the CrypKey library you use with the corresponding one in this release, and relink your program.
3. Replace the CRP32002.NGN with the one in this release

Important notes:

- This release is backwards compatible with licenses from previous versions, and will update the license automatically.
- Due to the increase in technology, **previous CrypKey NGNs** and libraries **cannot use** licenses generated by this and future versions of CrypKey. For example, the license from a CrypKey version 75xx program will not be readable by program using CrypKey version 73xx.
- This and future versions generate an important encrypted log file *.CIHS.
- For the fastest resolution, send this with other log files to support if any problems are encountered.