



CrypKey

Instant. Ver 6.x

R5.0

Rev. CK0815-INS-05

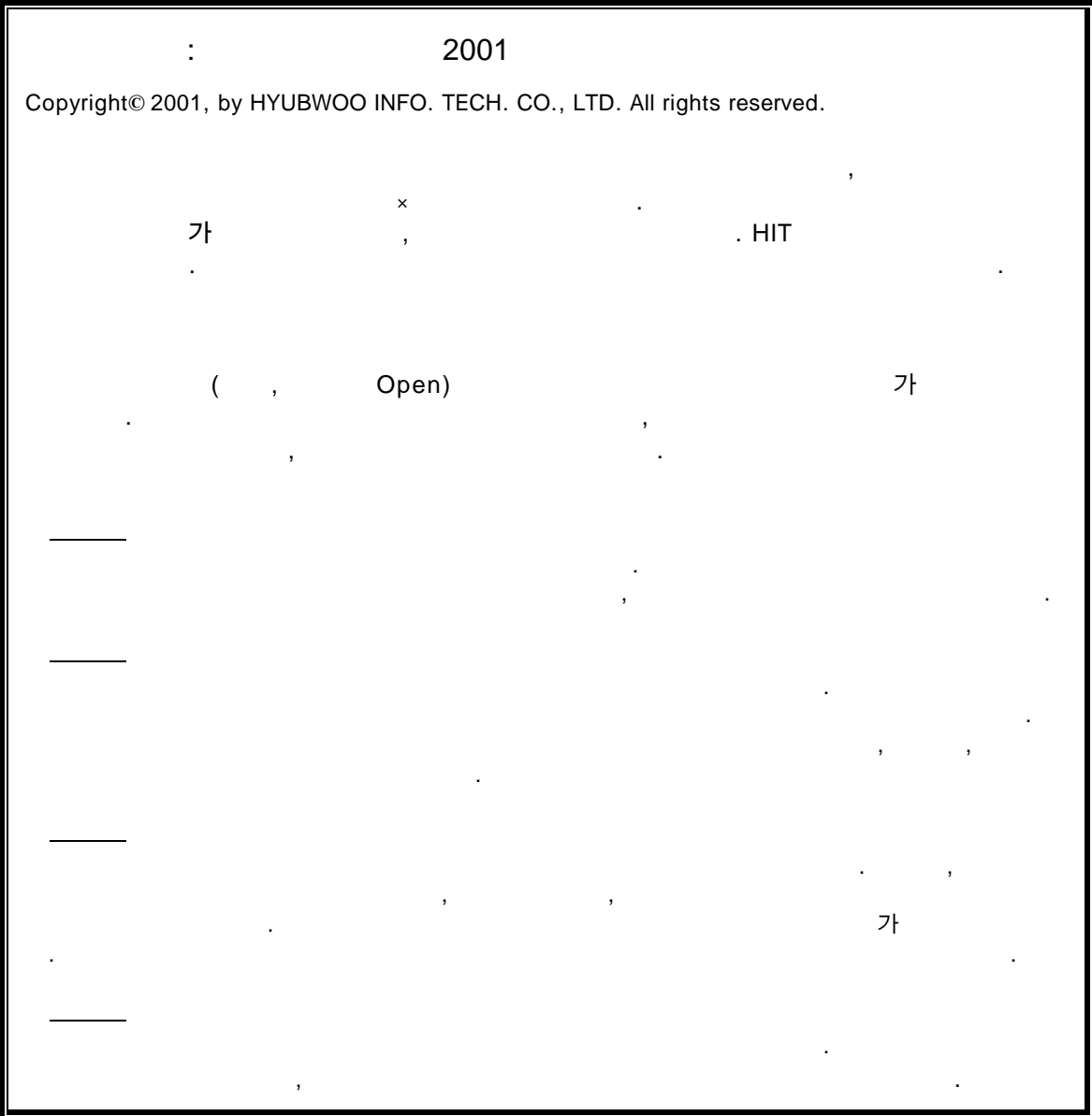


()

5 40 3 (:152-055)

: 855-0611 : 855-0618 Email : sales@hyubwoo.com

URL : <http://www.hyubwoo.com>



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1.

CrypKey Instant

CrypKey Instant

CrypKey Instant

CrypKey Instant CrypKey SDK()

가

CrypKey Instant DLL CrypKey

Rewrite

CrypKey SDK

CrypKey

CrypKey Instant

CrypKey Instant 가

가

가

CrypKey Instant

가

:

- 가
-
- , ()

CrypKey Instant

Site Key()
CrypKey Instant

,
CrypKey
,

, CrypKey

1.1 CrypKey

CrypKey

Software

, 1992 /
CrypKey Copy Protection License Control
CrypKey

CrypKey(Canada)

2002 3 CrypKey Product Service Business가
, CrypKey
CloneBusterTM CrypKey 6.0

, CrypKey Nokia, Ericson, IBM, Microsoft,
HP, Caterpillar, Eaton, Dupont, Fujitsu, Minolta, Homeywell, 3M, Mobil,
Procter&Gamble, Siemens, Verizon, Sybase, Bell&Howell, Kodak, Allen Bradley
, 가 .

1.2

가

- : Crypkey Instant Site Key Generator 가?
- : 가?

1.2.1

“Chapter 1.”

-
-
- (Trial) (License)
- CrypKey
- CrypKey 6.0
- CrypKey 6.0

“Chapter 2.”

Site Key Generator CrypKey Instant

“Chapter 3. CrypKey Instant”

CrypKey OS(Windows 3.1/9x/ME/NT/2000/XP)

“Chapter 4. ”

Example.exe
가 ?

“Chapter 5. Site Key Generator ”

, Site Key Generator

“Chapter 6. CrypKey Instant ”

StealthPlus™(- ,), CrypWrap encryption ,
CrypKey Instant

“Chapter 7. ”

CrypKey Instant Crypkey Instant

“Chapter 8. ”

“Chapter 9. ”

CrypKey Instant

“Chapter 10. ”

CrypKey Instant

“ ”

Operatig System file Matrix, Q&A

1.2.2

CrypKey Instant 6.x
(example.exe) '4. '5. Site Key Generator '6. CrypKey Instant
'7.

CrypKey Instant 가 '9. '10.
Chapter CrypKey Instant

1.3

- Pentium Microprocessor
- 64MB RAM
- Windows 3.1 / 9x / ME / NT / 2000 / XP

Regular Business Line : 1-403-258-6274
Fax Line : 1-403-264-8838
Support Email : support@crypkey.com
Internet : <http://crypkey.com>

Korea Distributor

: 5 40
3 (152-055)
: (02) 855-0611, 855-8383
: (02) 855-0618
: hit00@nuri.net , support@hyubwoo.com
WEB : <http://www.hyubwoo.com>

*** 가

- 가 30 .
- 가
- 가 가

1.5 CrypKey

CrypKey Instant 30 가 가 , 가
CrypKey Instant .
가 , CrypKey Instant .
CrypKey

CrypKey Instant Chapter 5.

CrypKey Instant CrypKey Licensing Protection

CrypKey Crypkey Instant CrypKey
Software Developer Kit(SDK)가 . CrypKey SDK CrypKey Licensing
Protection CrypKey Instant
SDK

CrypKey
CrypKey , Site Code

Crypkey CASPER(CrypKey Automated Software Protection and
Electronic Registration)가 . CrypKey

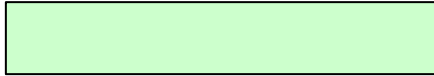
가 , CASPER

1.5.1 CrypKey ()

CrypKey Instant

DLL

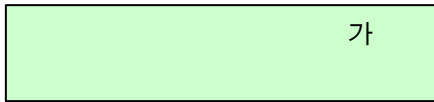
CrypKey



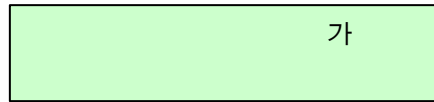
-



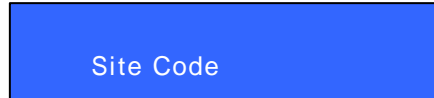
-



®



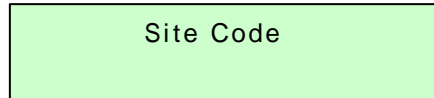
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™



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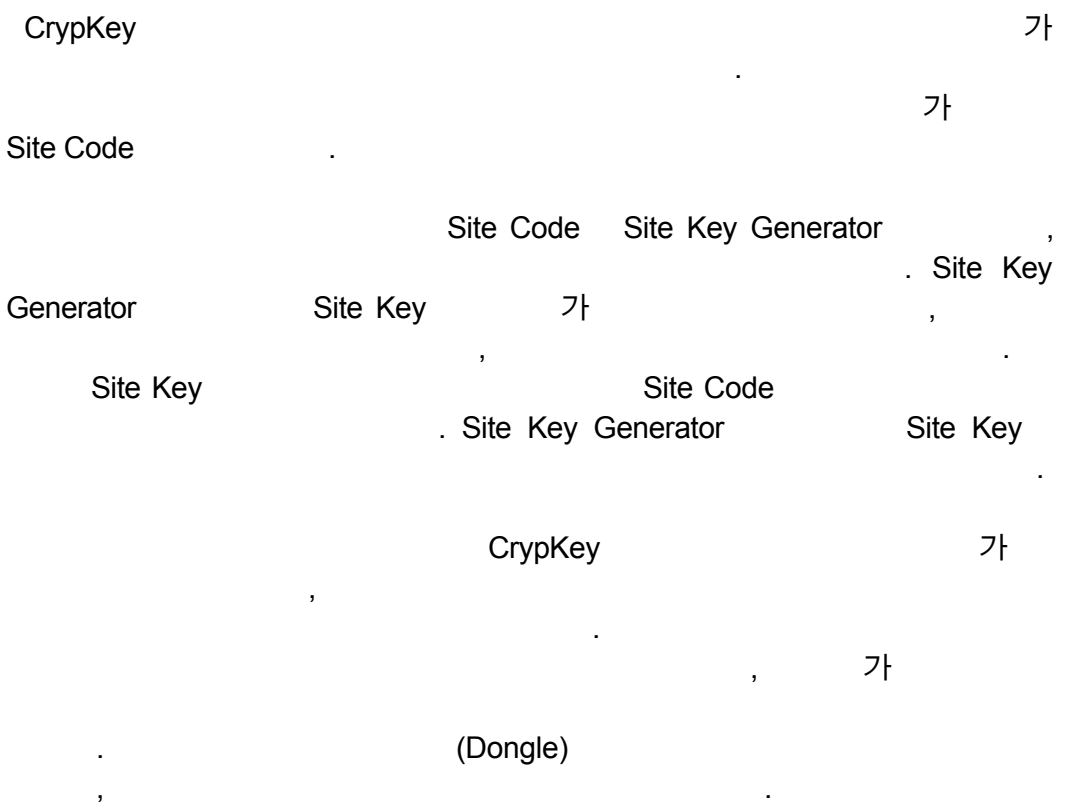
®



[1] Customer – Vendor

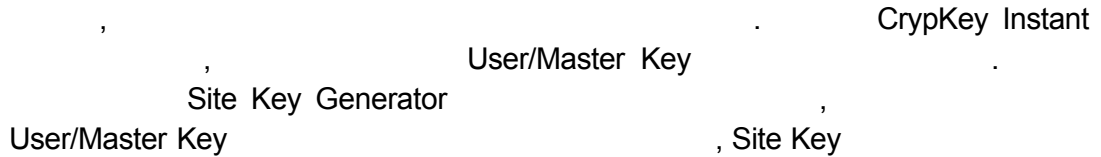
Crypkey

[1] 가



1.5.2 (Trial) (License)

CrypKey Instant 가 (30)
User/Master key
CrypKey (User/Master) 가



:

- User Key : D050 815C D1A2 A79D B103
- Master Key (16-bit) :
2A5D 57C4 1B4C 135B F09E 17F7 600B 2D70 79E8 F275 C36A
- Master key (32-bit) :
F2C938D2D34678D2E9217C18D78EA6A8E466CF49520F92CDD1B6916
BD460D60E7C7B4CC7CC1750BD7188F90AC132B915E82FC8FA60A1D2
99DA0F28EA3C66BD42DB0BE62149DAAEE4DBA55C0E70CE1C13BD34
3F8B7573ABC1E7DA0695955AB2BD377F50A9BE29A04CF816B30CD17
1E1509AD65100C999E52A35F45A215212A970

CrypKey Instant 가
example.exe - (Locking
Key) . CrypKey Instant 4가 가 ,

- **User Key :**
Password
- **Master Key :**

- **Site Key (Site Key Generator) :**
Site Key Generator
- **Site Key (CrypKey Instant) :**
CrypKey Instant

1.5.3 Ready-To-Try

Ready-To-Try CrypKey Instant (가)
· , 가 ,
· 가 · ,
가 가 가
· 가 ·
가 ·

1.5.4

가 가 가 ,
(Ready-To-Try) ,
가 , CrypKey Instant ·
· ·
· 가 CrypKey ,
· ·
· ,
· Read, Write, Delete
· Crypkey ,
· ·

가 Ready-To-Try
 (Ready-To-Try
),
 가
 가()
 가
 .
 CrypKey Instant
 , CrypKey
 , CrypKey Instant
 가
 To-Try
 가
 Uninstall
 Ready-
 가
 가
 .
 ,
 , Crypkey Instant
 가
 가
 ,

(가)	
가	30 가 . 가 CrypKey Instant
PC	, 30 가 ,
CrypKey Instant	PC , PC
Password	가 PC) . (

1.6 Crypkey 6.0

CrypKey

Ver 6.0 Windows
가

Crypkey 6.0

99%

CrypKey

:

- DOS, Win16, Win32
- Network Floating
- 가 가.
-

CrypKey 6.x

:

- (HDSN) CloneBuster™
- EasyLicense
- -
- Anti-hacking (StealthPLUS™)
- CrypWrap
-
-

1.6.1 CloneBuster™ Technology

Hard Cloning Software가

\$49 가
가

‘Ghost’ ‘XXCopy’

가

가

가

CrypKey™ V6.0

가

(HDSN) 가

, CrypKey 10

HDSN

IDE

HDSN

CrypKey

가

CloneBuster™

• HDSN :

ID.

CrypKey™ V6.0

, Hard Cloning Software

가

CrypKey

1.6.2 EasyLicense

CrypKey License Trasfer, Network License,

(Trial),

가
EasyLicense

1.6.3 (Dynamic Encryption)

CrypKey Site Code Site Key
“Dynamic Multiple Encryption Key”

1.6.4 Anti-Hacking

CrypKey anti-hacking StealthPLUS™
StealthPLUSTM

가

1.6.5 -

CrypWrap 가

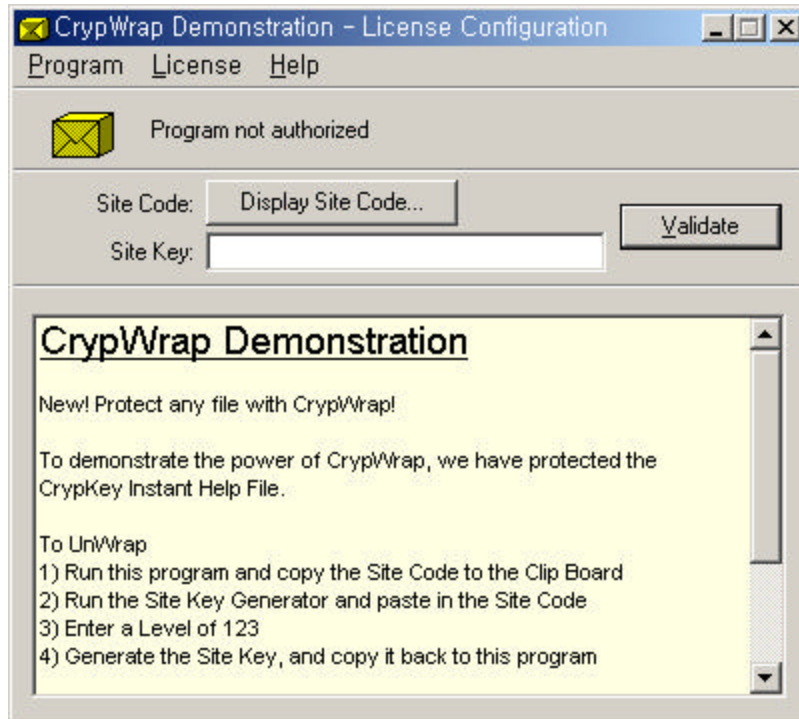
CrypWrap :

-
-

NT Driver

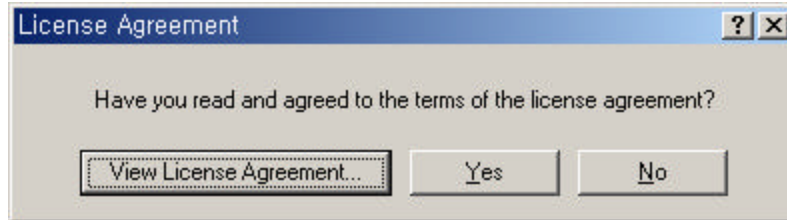
CrypKey 6.0 CrypWrap , CrypKey Help

1. <CrypKey DIR>\Crypwrap\EXAMPLE.EXE



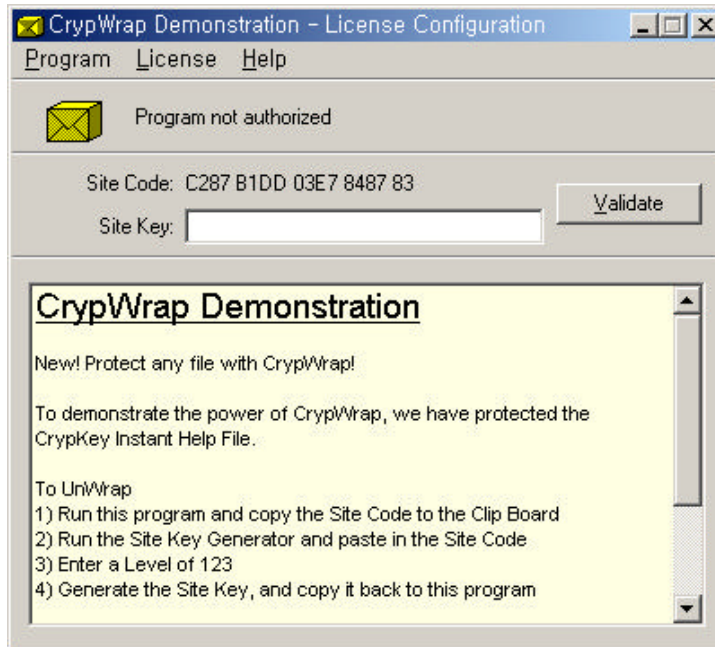
[2] CrypWrap -

2. Site Code , 'Display Site Code'



[3] License Agreement -

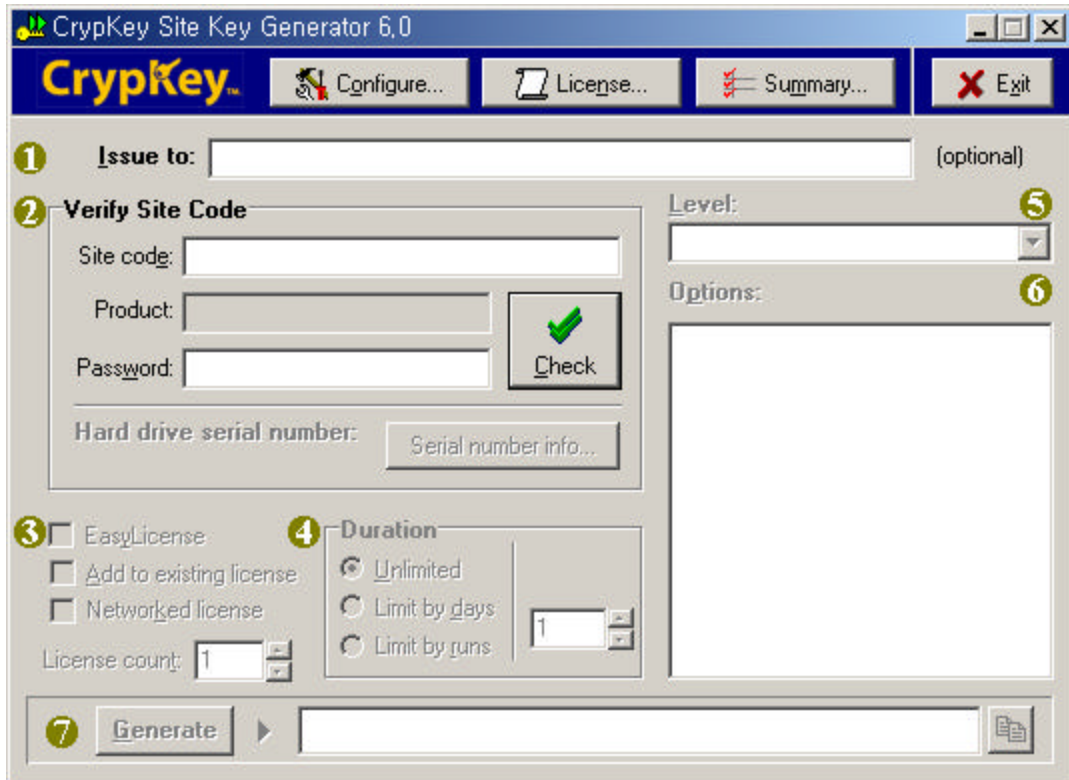
3. 'View license agreement' , 'Yes'



[4] Site Code

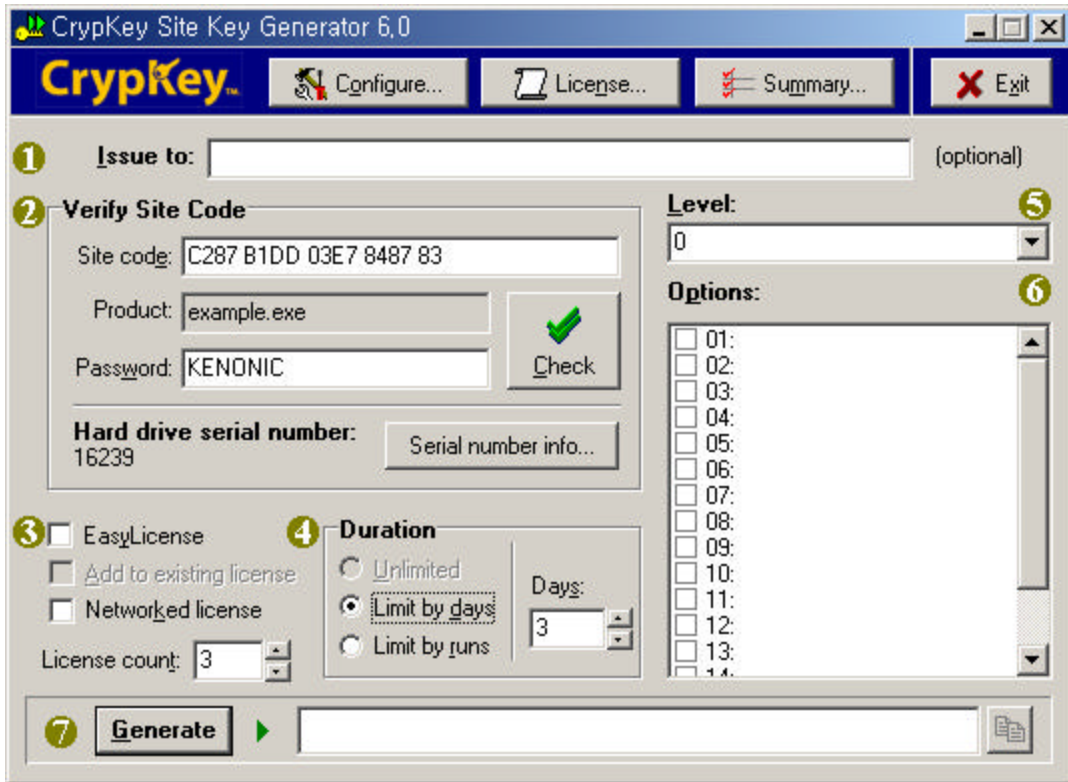
4. [4] , Site Code ' C287 B1DD 03E7 8487 83'

5. Site Key Generator



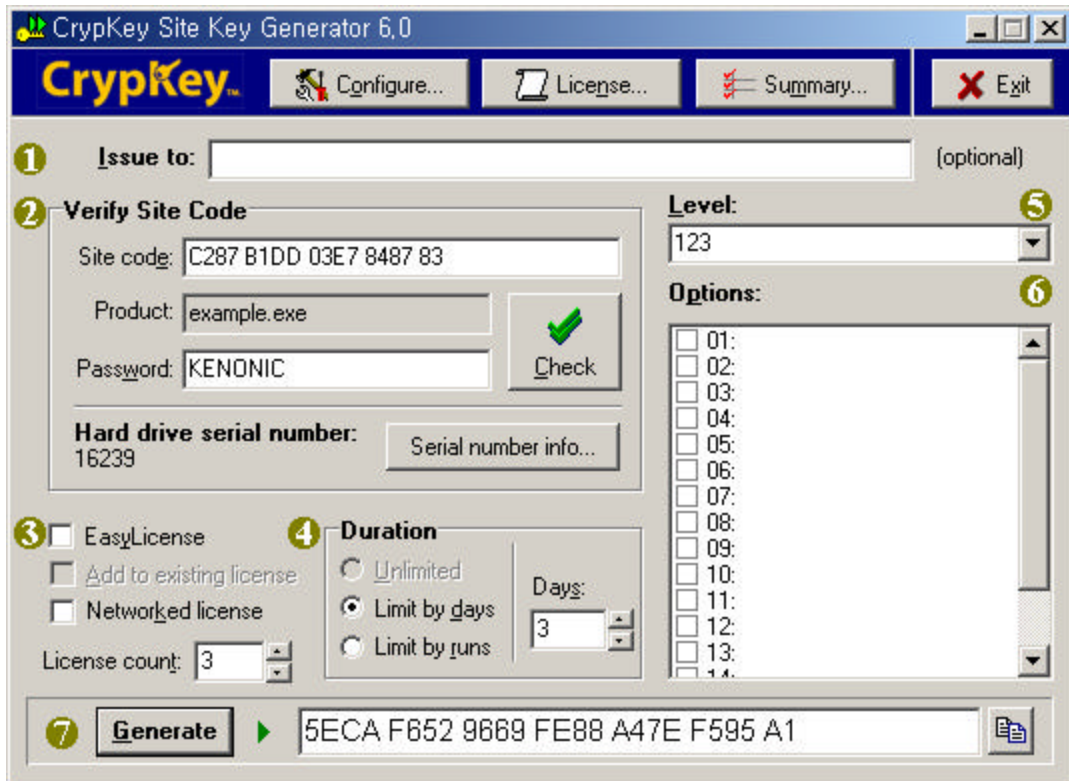
[5] CrypKey Site Key Generator 6.0

6. Site Code Site Key Generator 'Site Code'
, 'Check'



[6] Site Code

7. 'Level' '123' , 'Generator'



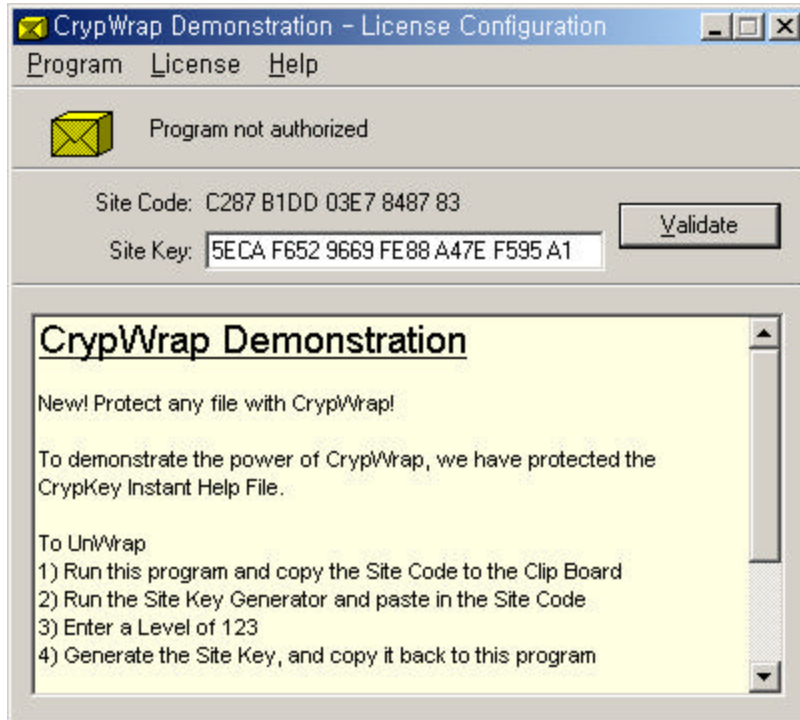
[7] Site Code Site Key

8. Site Key '5ECA F652 9669 FE88 A47E F595 A1'

9.

Site Key CrypWrap

'Site Key'



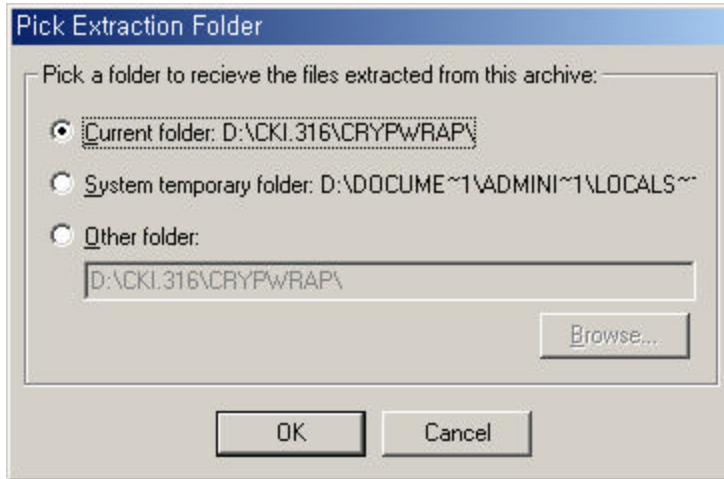
[8] CrypWrap

Site Key

10. 'Validate'

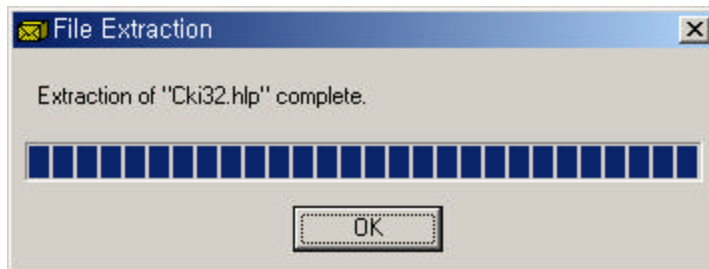
11.

'OK'



[9]

12.



[10] Extraction

1.6.6

CrypKey Instant
CrypKey NT Driver Encryption
1.
2.
3. NT Driver 가
4. DLL
Driver , NT

1.6.7 License Directory Redirection

CrypKey Instant
1.
2. Read / Write가 가
가 Write가 가 , CD-ROM

3. 가 () ,

1.7 CrypKey Instant 6.0

CrypKey Instant , CrypKey Instant 60
가 CrypKey (support@crypkey.com)
(support@hyubwoo.com)

1. CrypKey Instant 6.0

CrypKey

2. SiteKey Generator Site Key ,

3. CrypKey Instant

CrypKey Instant , 가
'X days out of x

a) CrypKey Instant 6.0 Instant . (CrypKey)

b) 'License' 'Transfer in form another computer' .
Trial (License – Kill License)

c) A , 'Next'

d) Crypkey Instant .
(CrypKey Instant)

e) 'License' 'Transfer out to another Computer'

f) (c) , A
'Next'

g) 'Finished'

h) Site Key Generator , CrypKey Instant

4. CrypKey Instant 6.0 Configuration

a) CrypKey 5.x CrypKey Instant
SKW.INI CKI.INI Crypkey Instant
Overwriting

b) CrypKey 4.x
CrypKey Instant CKI.INI Overwriting . , Site
Key Generator Configuration .

2.

CrypKey Instant 가 30 가
(, Master Key, User Key)가 . 가 CrypKey Instant
가 ,

Protection , , , , ,

. CrypKey

2.1 가

4 ~ 6가 Email, Fax .

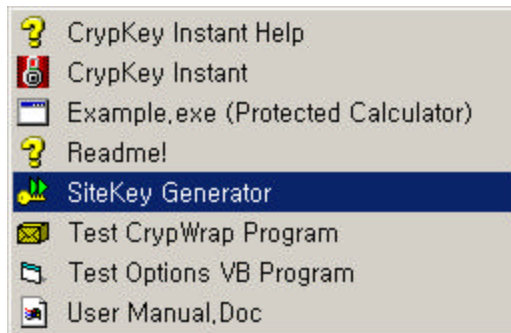
1. (: CrypKey Instant V6.X.XXX)
2. **Customer Service Number** (가 , 가)
3. CrypKey (8.3 , : PROGRAM.EXE)
4. **Password** (12)
5. SiteKey Generator **Site Code**
6. CrypKey Instant 6.x **Site Code**

2.1.1 SiteKey Generator Site Code

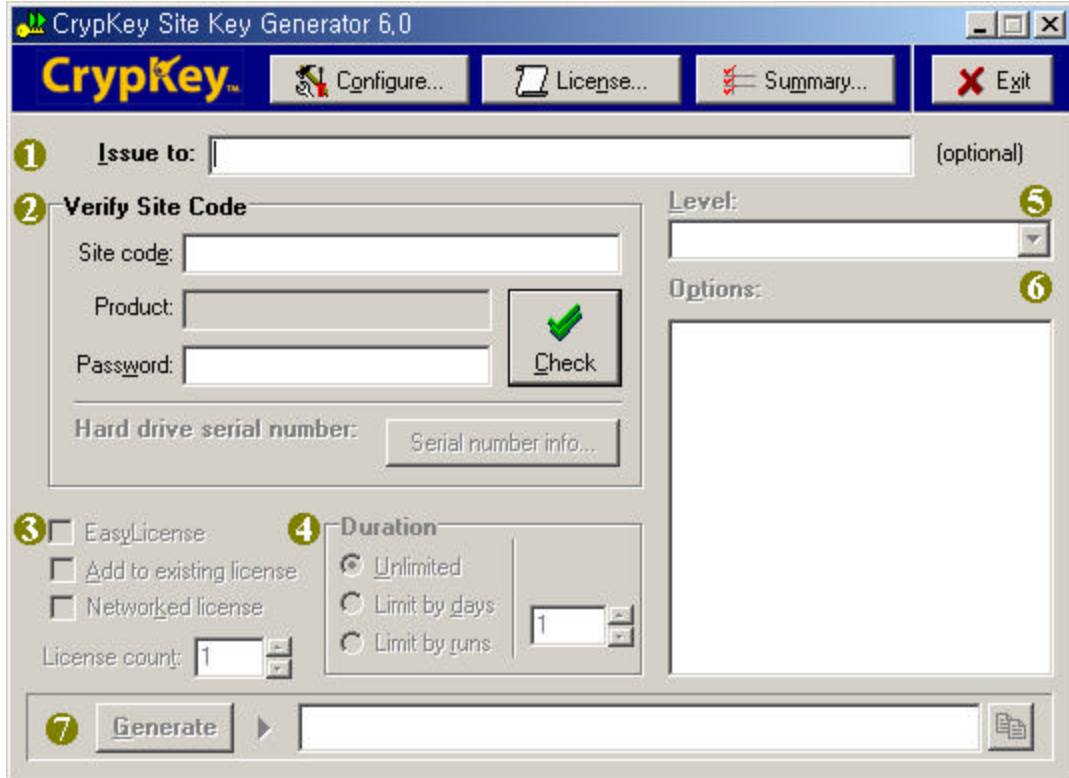
Site Code

1) CrypKey Instant

SiteKey Generator

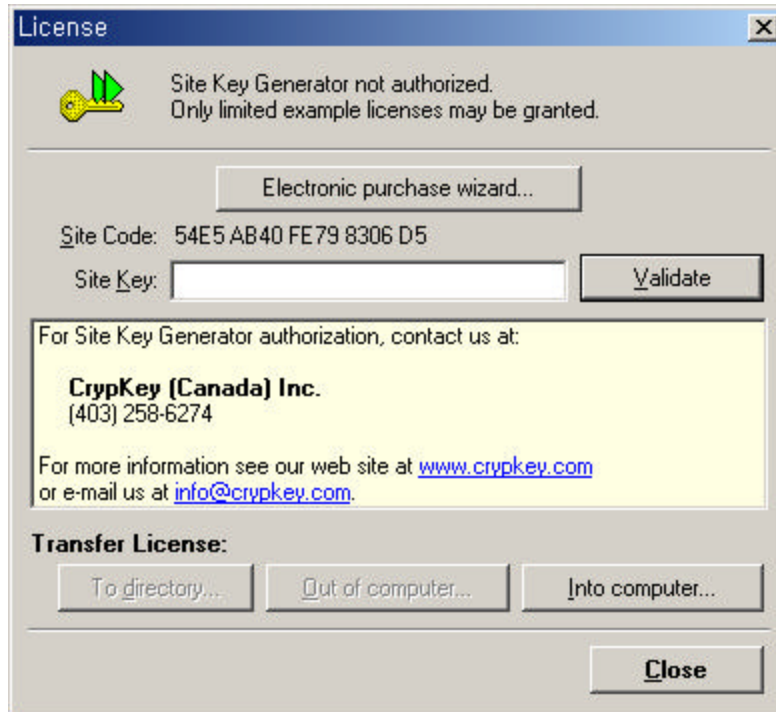


[11] SiteKey Generator



[12] SiteKey Generator

2) 'License'



[13] SiteKey Generator License

3) License SiteKey Generator Site Code

"54E5 AB40 FE79 8306 D5"

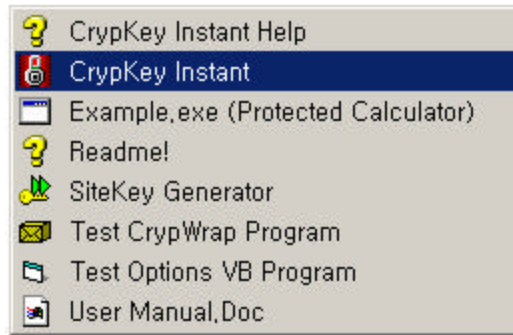
Site Code

2.1.2 CrypKey Instant Site Code

Site Code

1) CrypKey Instant

Crypkey Instant



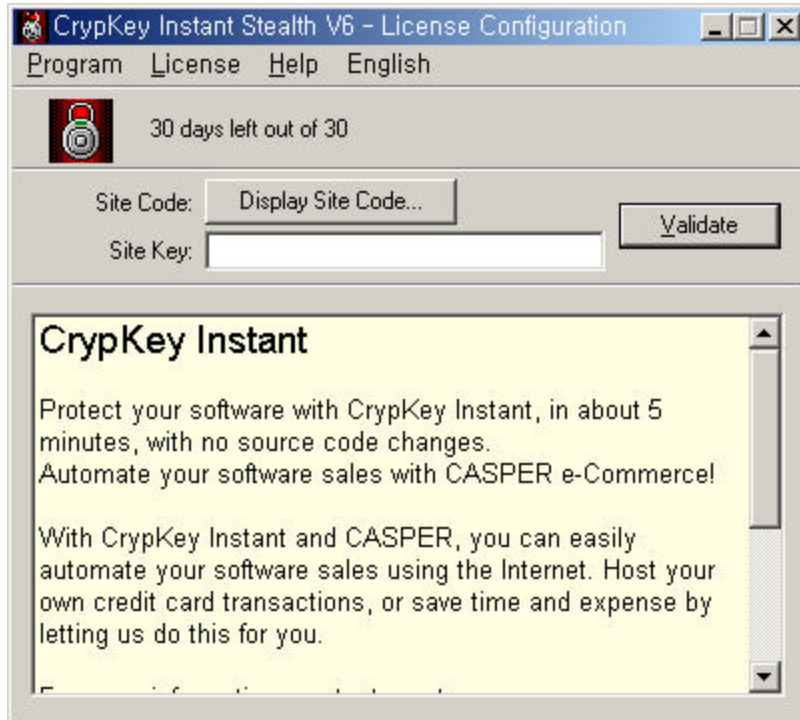
[14] Crypkey Instant

2) Trial(30)
'Enter'



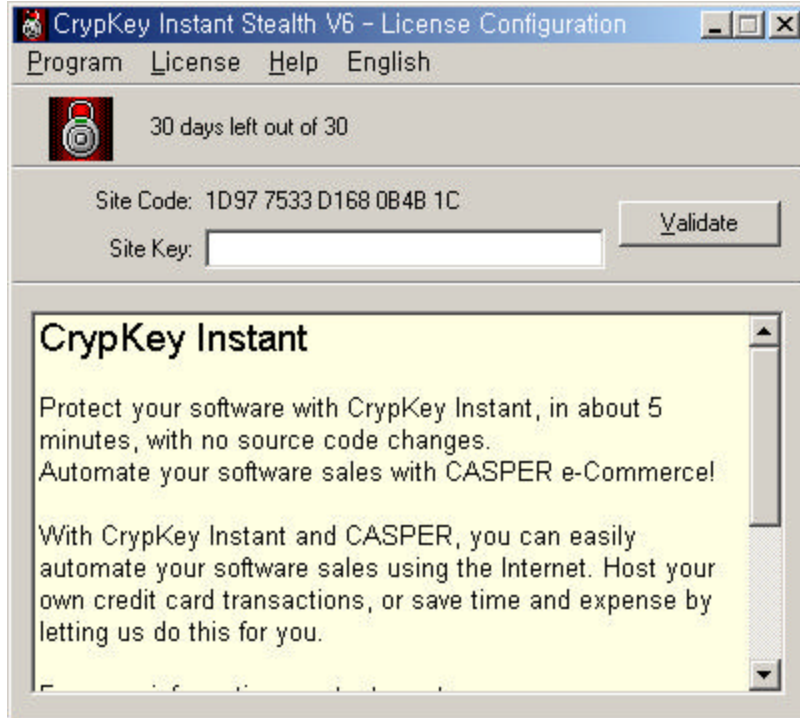
[15] CrypKey Instant

3) CrypKey Instant License Configuration



[16] CrypKey Instant – License Configuration

4) 3. 'Display Site Code' , 'Yes' .



[17] CrypKey instant Site Code

5) License Configuration CrypKey Instant Site Code

"1D97 7533 D168 0B4B 1C"

Site Code

2.2 가

2.1 4 ~ 6가 2 ~ 3
Email Fax .

- **Master Key**
- Password **User Key**
- SiteKey Generator Site Code **Site Key**
- CrypKey Instant 6.x **Site Key**

2.3

가 2.2 4가 , Master Key User Key
CrypKey Instant CrypKey ' ()
(5.3 CrypKey)

SiteKey Generator Site Key SiteKey Generator License '
Validate '

CrypKey Instant Site Key CrypKey Instant License Configuration '
Validate ' .(17)



1) CrypKey Instant 가 ,
(,) ,

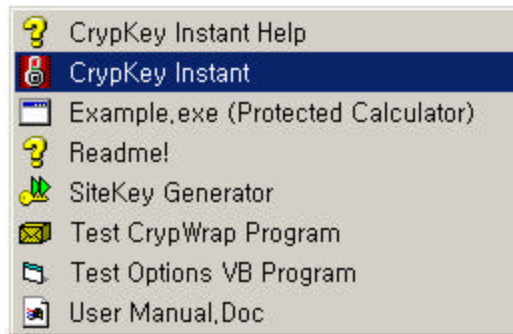
- 2) (,) , CrypKey Instant PC
- 3) B ' ' ,
30 가 . 가
CrypKey 가 CrypKey
- 4) 가 , SiteKey Generator Site
Code CrypKey Instant Site Code 가
. (Code 18 가 .)
- 5) CrypKey Instant ,
(,) SiteKey Generator '
(CrypKey Instant) PC 가
가 . ,
(, SiteKey Generator/CrypKey Instant PC
) , Instant 1 PC,
SiteKey Generator 3 PC .)

3. CrypKey Instant

NT OS , NT Driver , NT Driver , NT Driver , Chapter 7.

3.1

CrypKey Instant 27가 , 가 FTP
CD , Windows Program CrypKey Instant



[18] CrypKey Instant Program Group

3.1.1 Install CD

OS
CD-ROM CrypKey Install CD CD



[19] CrypKey CD

Install



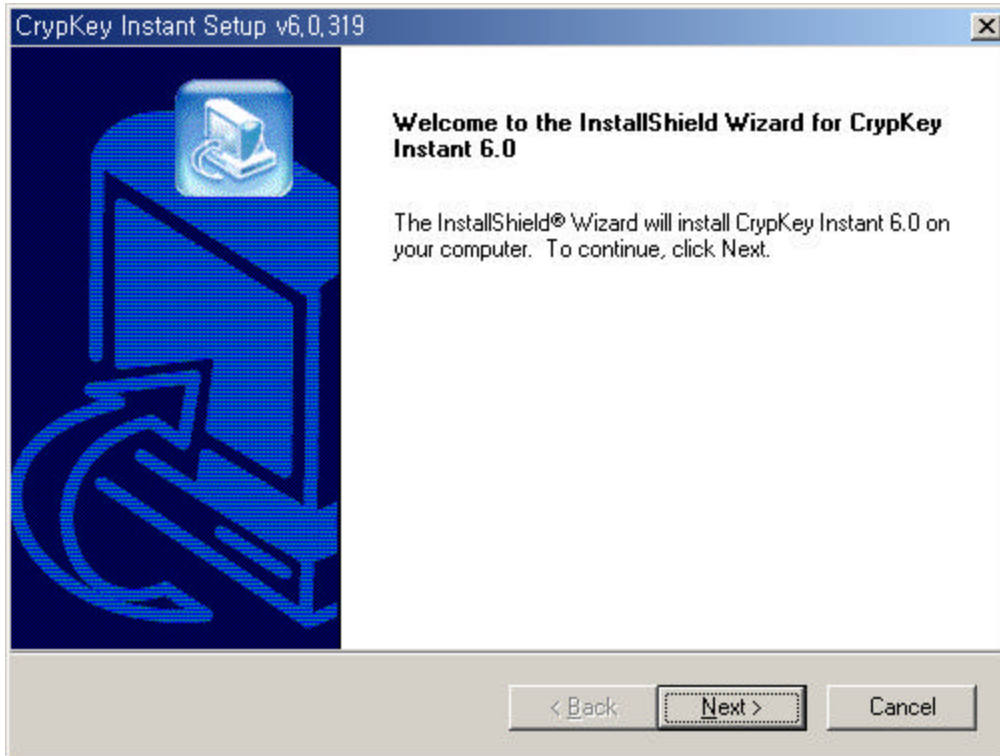
[20] CD

1

“Install CrypKey Instant”

InstallShield

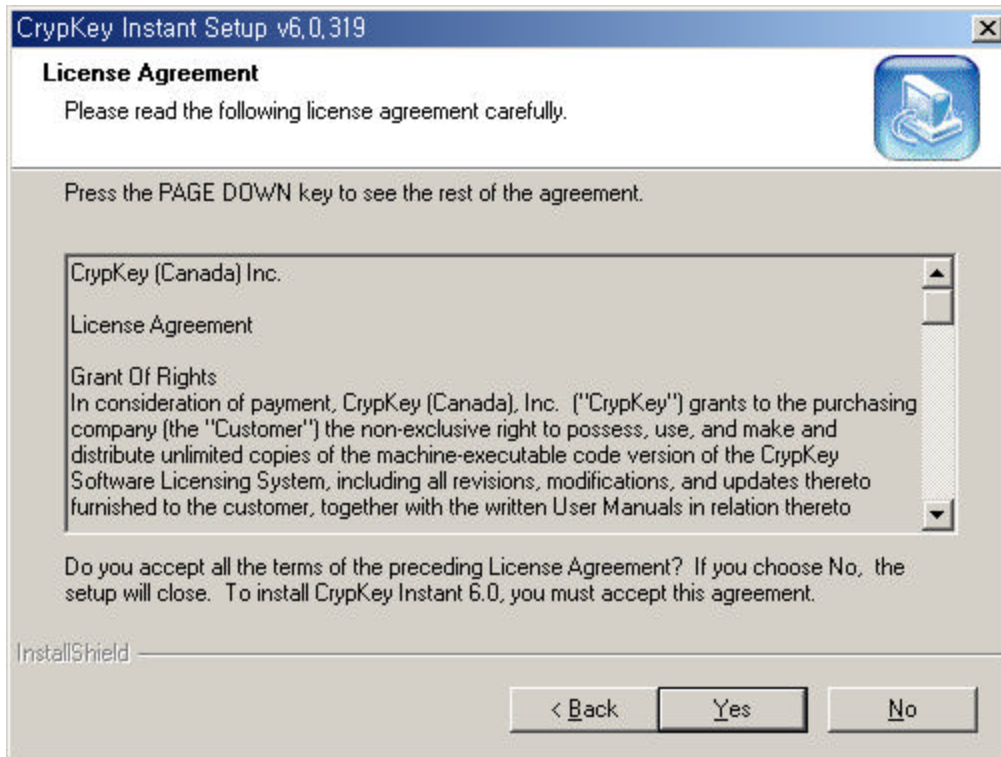
, ‘Next’



[21] CD

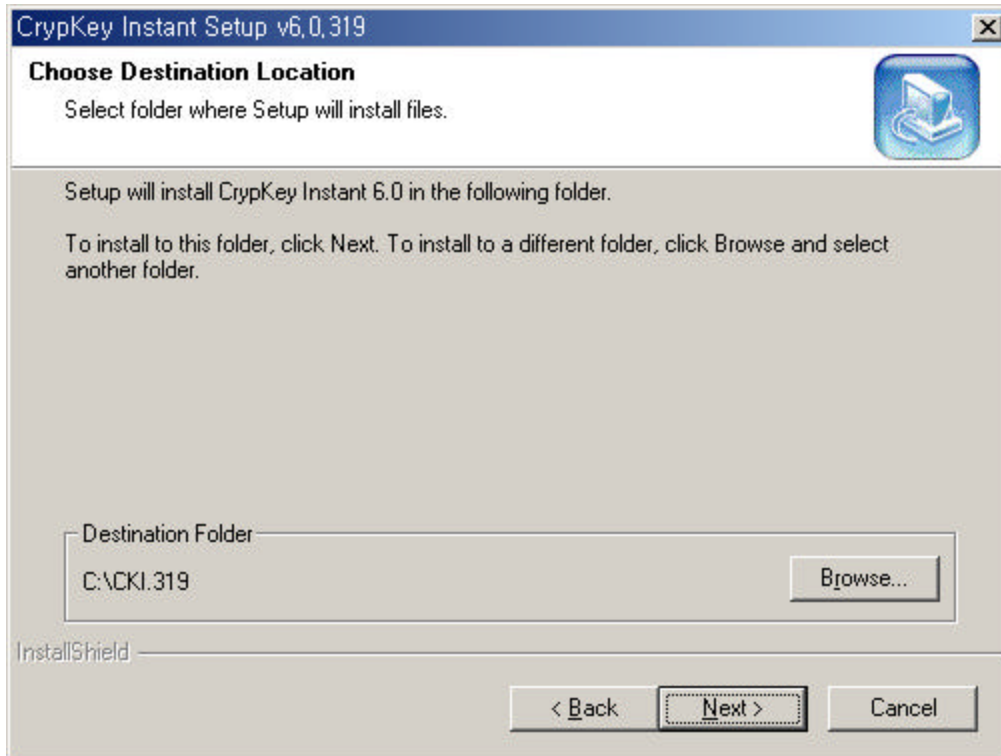
2

License Agreement . 'Next' .



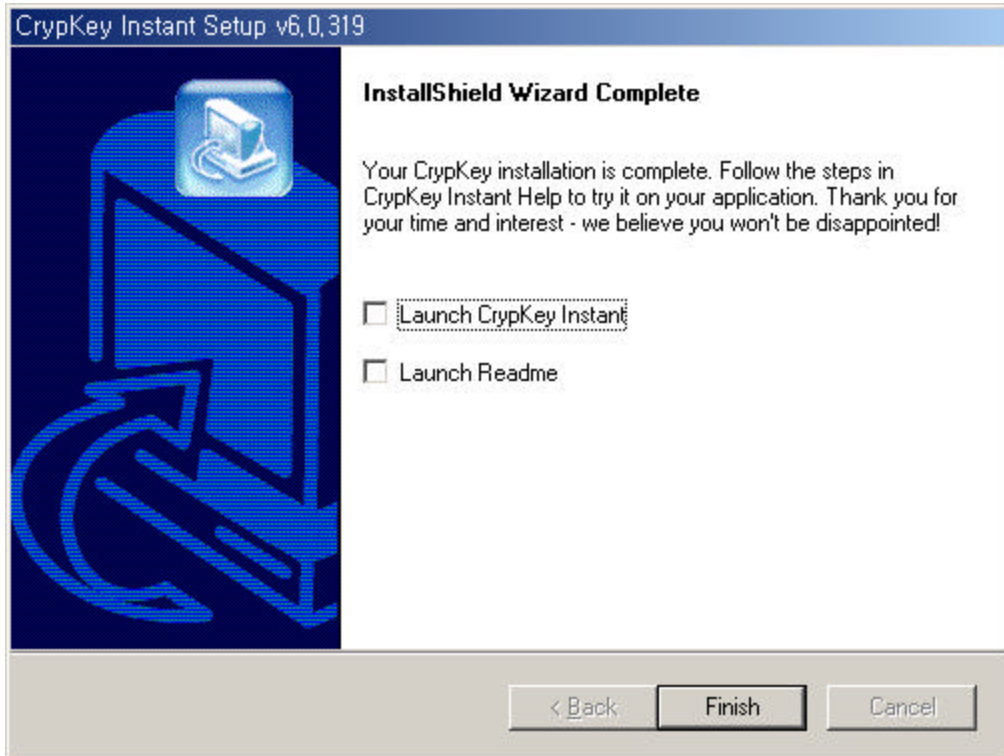
[22] CD 3

CrypKey . 'Browse'
, 'Next' .



[23] CD 4

가 , , CrypKey Instant
'Launch CrypKey Instant'



[24] CD 5

3.1.2

Crypkey Instant 가 FTP
(CrypKeyInstnat3xx\$.exe)

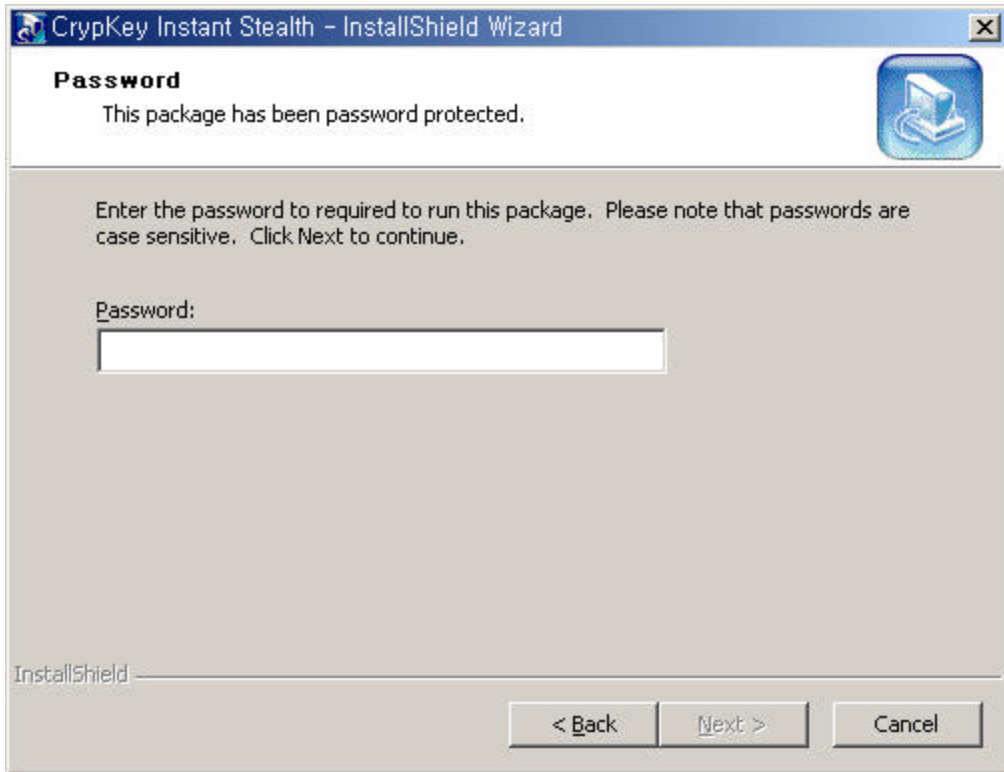
'Next'



[25]

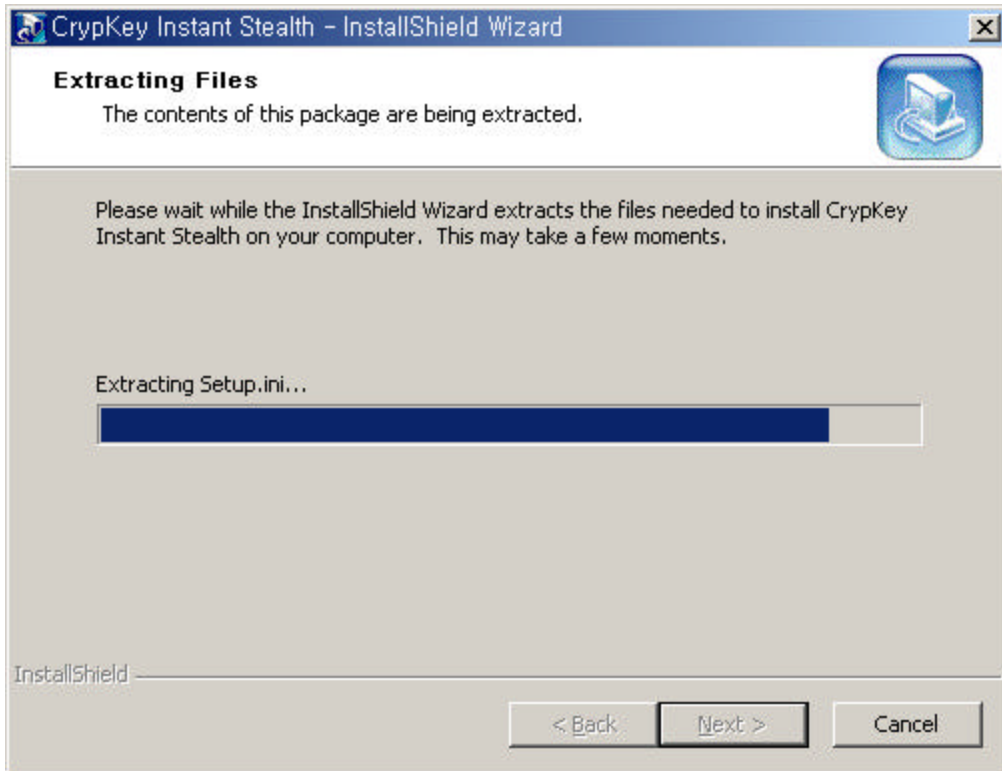
1

CrypKey Instant 가



[26]

2



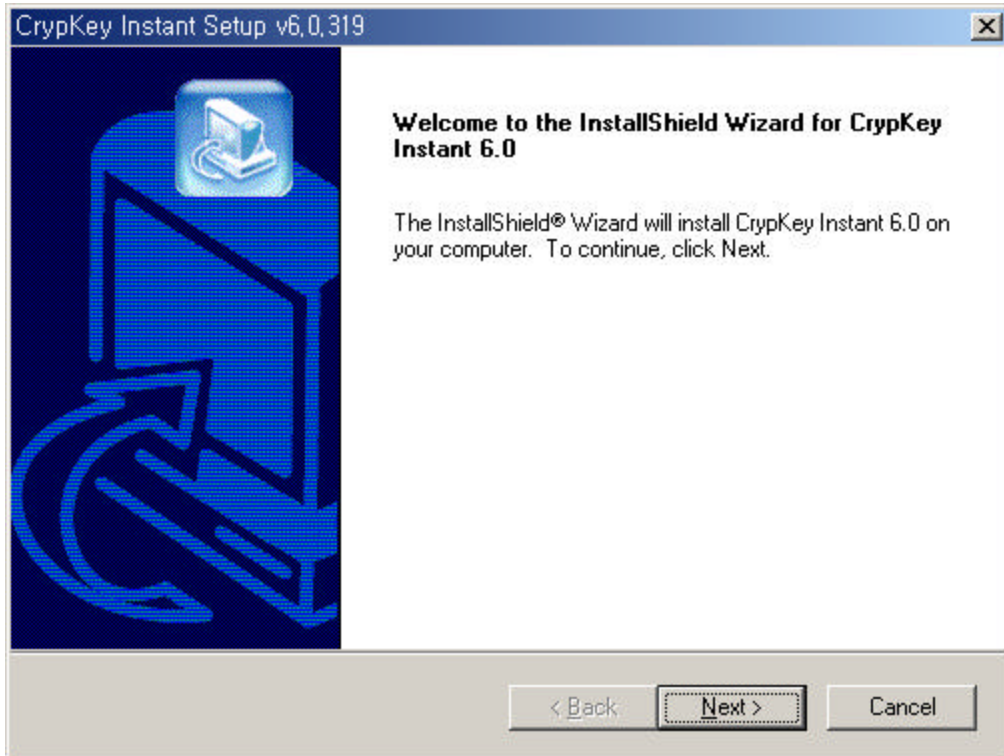
[27]

3

“Install CrypKey Instant”

InstallShield

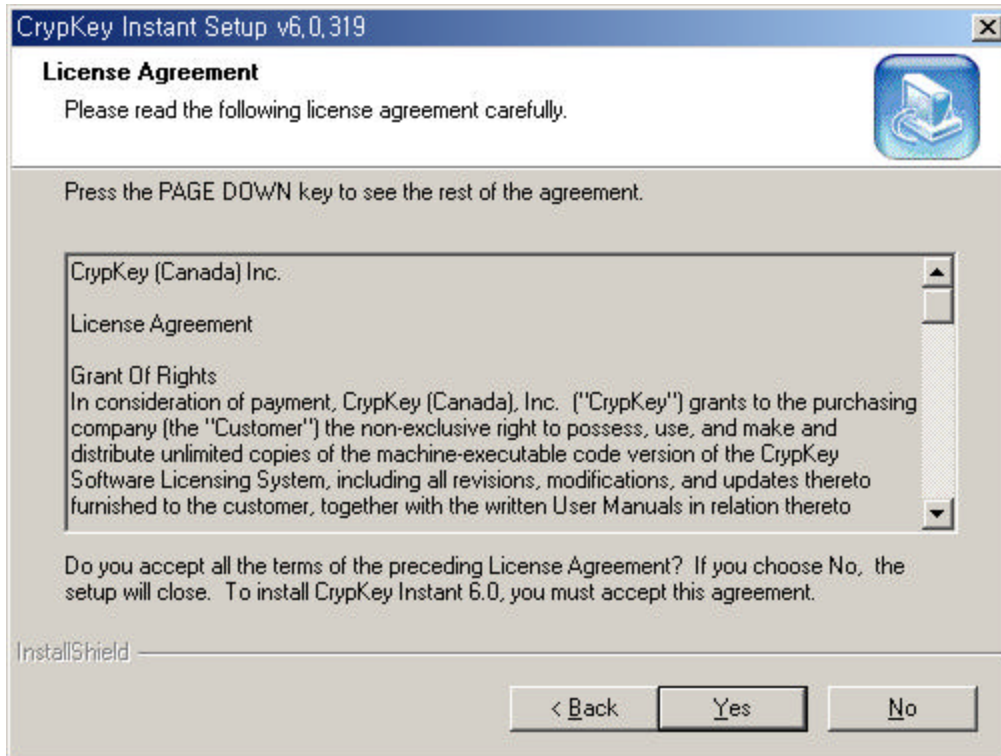
, ‘Next’



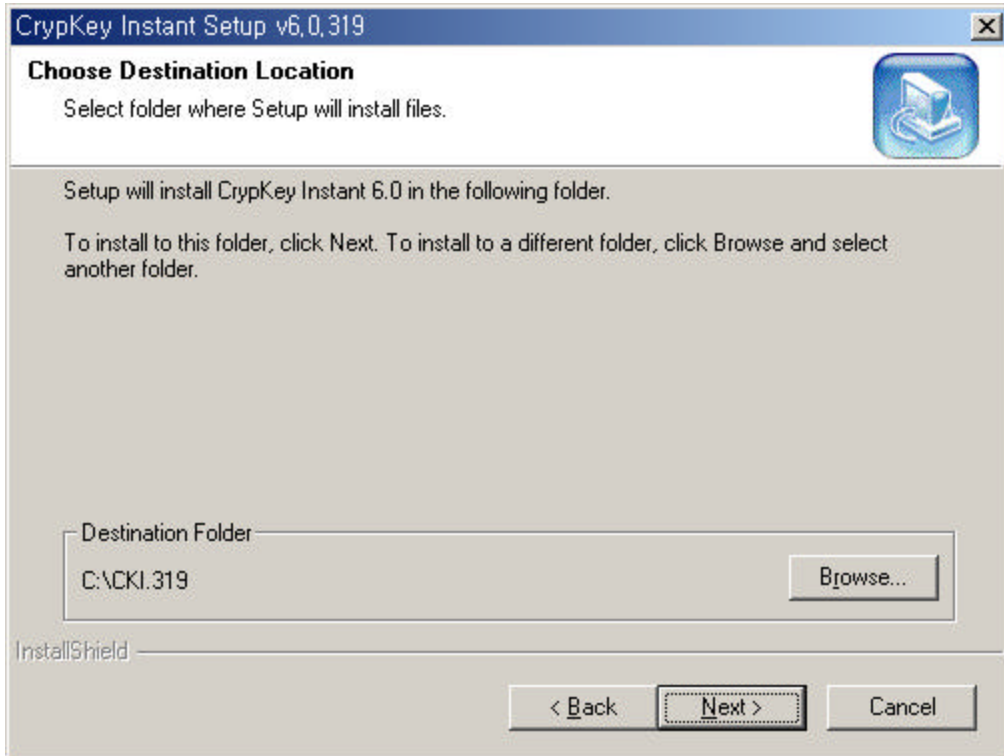
[28]

4

License Agreement . 'Next' .



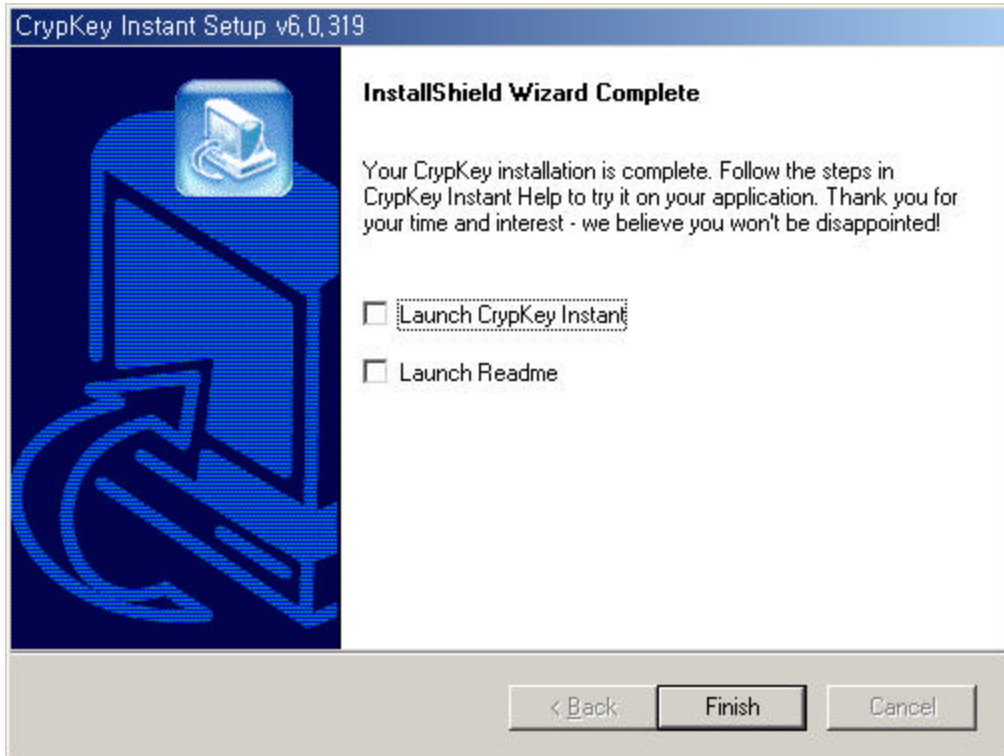
CrypKey . 'Browse'
, 'Next' .



[30]

6

가 , , CrypKey Instant
'Launch CrypKey Instant'



[31]

7

3.2 CrypKey License Service

MS-DOS, Win16 Win32 NT
, Windows NT/2000/XP
CrypKey License Service('CLS')

CLS NT Standalone Network

NT , MS-DOS, Win16, Win32 CrypKey
CLS Windows NT
MS-DOS, Win16, Win32
CLS
"7.1"

, StealthPLUS™ , CLS

3.3 Windows 9x/ME Network Driver

Windows 3.1, Windows 95 Windows98
Wckserve.exe .
CrypKey
CrypKey Network License
Wckserve.exe
Wckserve.exe , CrypKey
CrypKey
, 가 OS Autoexec.bat

```
SET CKSERVE=dir; [dir2;] [dir3;]
```

```
dir, dir2, dir3      CrypKey  
CrypKey  
(;)      CKSERVE  
, Wckserve.exe
```

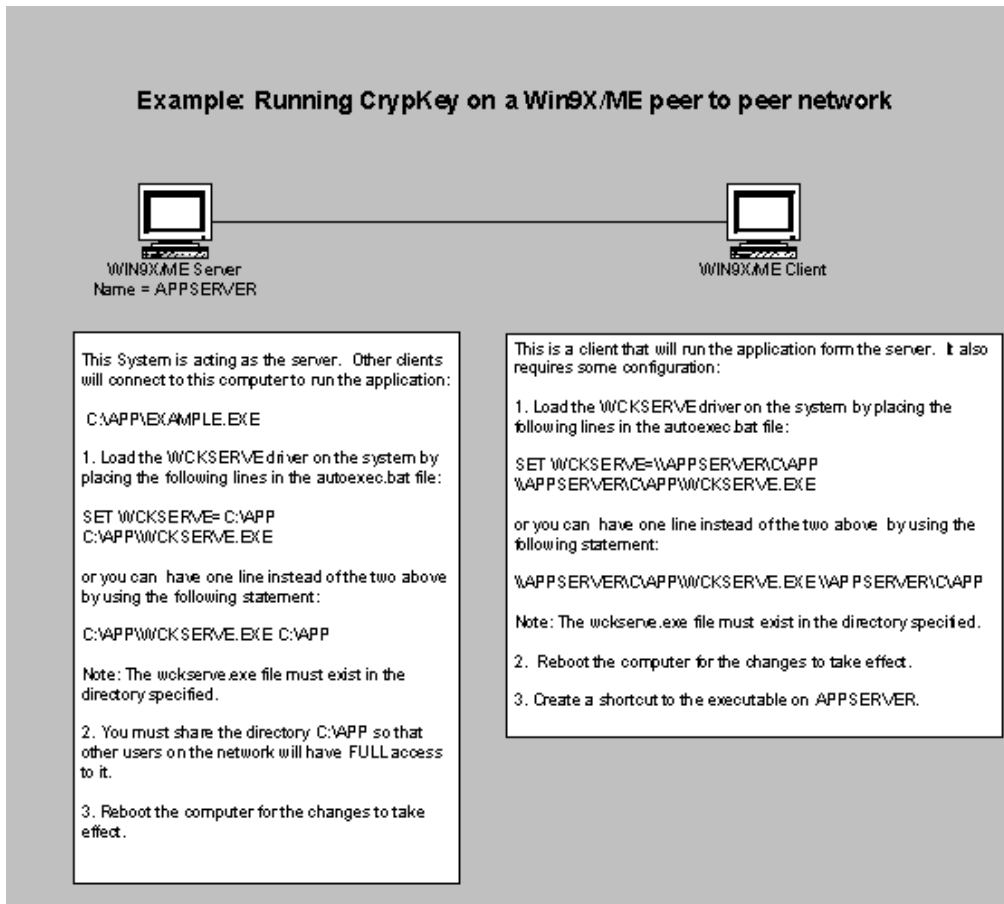
```
WCKSERVE.EXE c: \ MYAPP1; C: \ MYAPP2
```

MYAPP1, MYAPP2

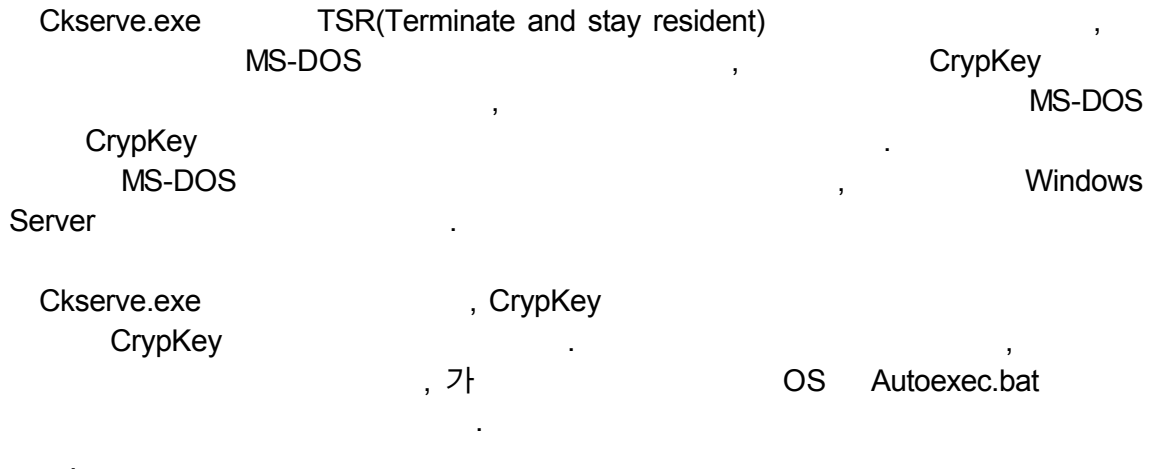
CrypKey

. Wckserve.exe

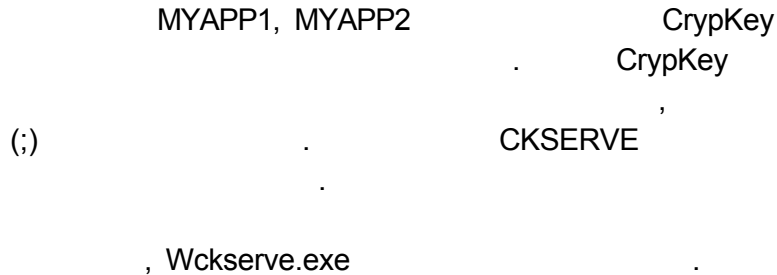
Wckserve.exe



3.4 MS -DOS Network driver



SET CKSERVE=C:\MYAPP1; C:\MYAPP2; ...



CKSERVE.EXE c:\MYAPP1; C:\MYAPP2

MYAPP1, MYAPP2 CrypKey

3.4.1 MS-DOS

가

CrypKey

C:\APPS\BINGO
E:\Windows\WHIZBANG
D:\TEMP

CKSERVE.exe C:\util
 Autoexec.bat , CrypKey

가

SET CKSERVE=C:\APPS\BINGO; E:\Windows\WHIZBANG; D:\TEMP
C:\UTIL\CKSERVE.exe

3.5

가 , 가
 가 ,
 CrypKey ,
 A “ 가
 ”

3.5.1 32-Bit

‘ 1’ CrypKey Instant 32-Bit
 ,
 CrypKey 가 ‘?’

[1] 32-Bit

Crp32001.ngn	CrypKey DLL
Cki32j.dll	CrypKey DLL Instant 6.0
cks.exe	NT CLS
Setup.exe	NT CLS

Cryp95f.dll	CrypKey DLL Windows 95/98/ME
Crp9516f.dll	CrypKey thunk DLL Windows 95/98/ME
Ck16rmv.exe	Windows 95/98/ME
Hdsn1.dll	

Cki32.hlp	
Cki32j_?.dll	가 '?' 가
Cki_?.msg	Message Use File '?' 가
Cki_?.bmp	Message Use Bitmap '?' 가
Cklicens.hlp	Interface Require License Agreement

가 가

Splash.int	Splash

CASPER

Casper.dll	CASPER
Inetcli.dll	CASPER Direct Internet Commucation
Pub.key	
Casintro.txt	CASPER 가 가 .
Casfinal.txt	CASPER 가 가 .

3.5.2 16-Bit

‘ 2’ CrypKey Instant 16-Bit
 ,
 CrypKey 가 ‘?’

[2] 16-Bit

Cki16j.dll	DLL 가
Cki16j_?.dll	가 '?' 가
Cki16.hlp	.
Cks.exe	NT CLS
Setup.exe	NT CLS
Hdsn1.dll	
Cki_?.msg	Message Use File '?' 가
Cki_?.bmp	Message Use Bitmap '?' 가
Cknetwk.exe	(Floating License)
Cklicens.hlp	Interface Require License Agreement
Splash.int	Splash


```

, CrypKey가
.
.
CrypKey Instant Master Key Marster Key
, CrypKey Instant
. ( : LICENSE_PATH)
Crypkey Filename 가
CrypKey가
'%'
( : %LICENSE_PATH%)
, 'Begin Protection'
CrypKey
.
.
.
Autoexec.bat
Windows 98
X:\Programs\MyProgram 가
,
```

AUTOEXEC.BAT

.

Set LICENSE_PATH= X:\Programs\MyProgram\example.exe

X:\Programs\MyProgram

가

Read/Write

.

가

,

.

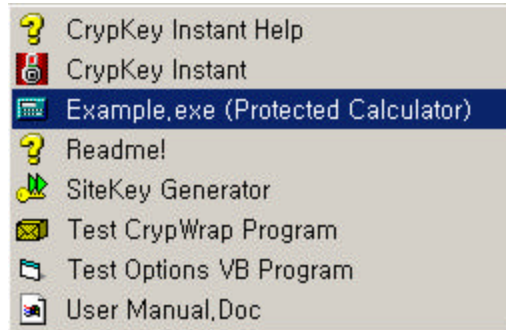
4.

CrypKey Instant 가 (Example Key)가
(example.exe) CrypKey Instant

4.1 Site Code

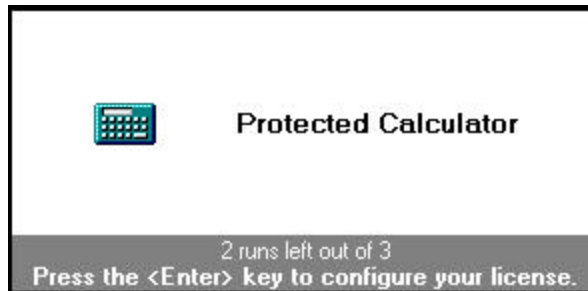
Site Code CrypKey Instant
가 Windows OS
Site Code

CrypKey Instant Example.exe
CrypKey Instant



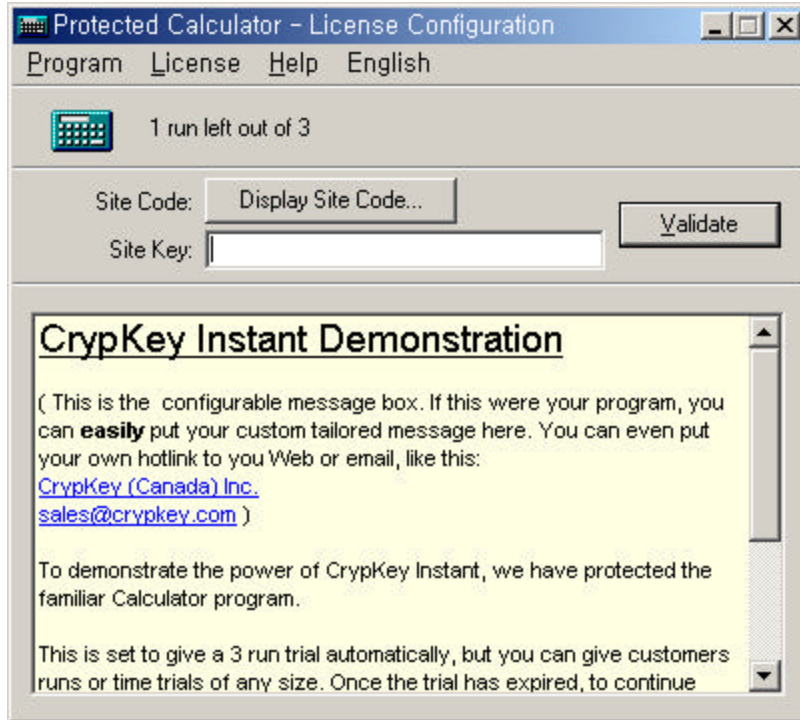
[33] Example.exe

example.exe
1
가
Code
Site Code
'Enter'
License Configuration
License Configuration
Site



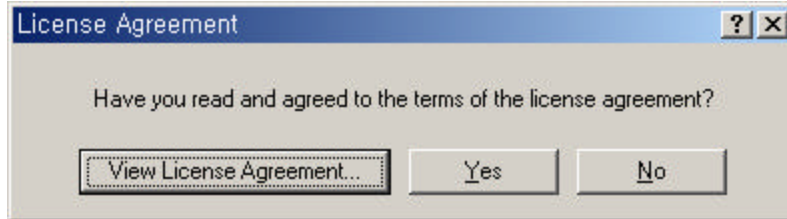
[34]

License Configuration , Site Code
Display Site Code..

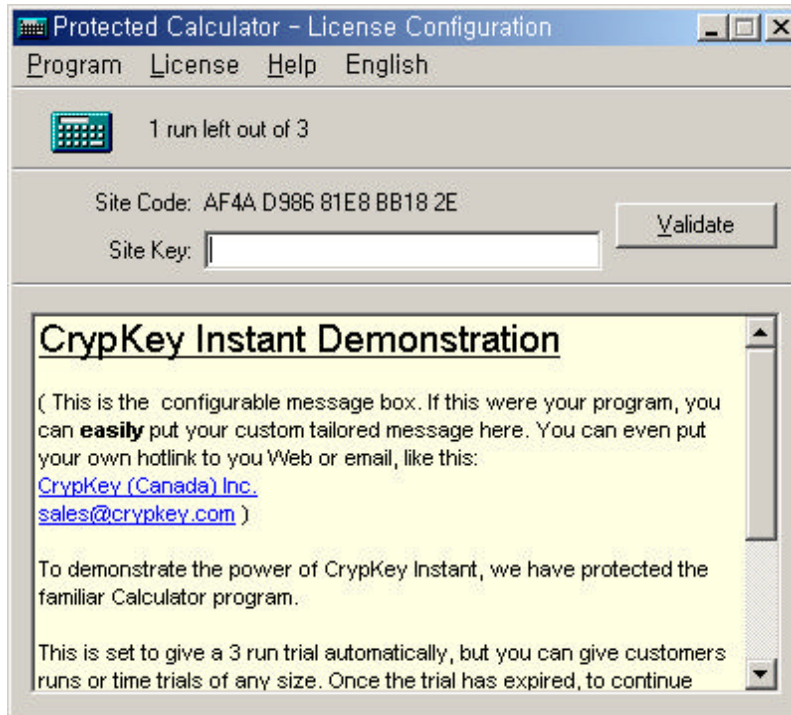


[35] License Configuration

License Agreement 'Yes' , Site
Code (AF4A D986 81E8 BB18 2E)



[36] License Agreement



[37] Site Code

4.2 Site Key

CrypKey Instant

2가

가

가

(가)

가

4.1 Site Code

Site Code

가 Site Key

가 Site Key

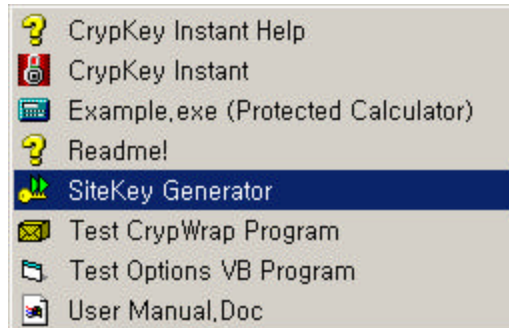
()

, Site Code Site Key

Site Key Site Key Generator

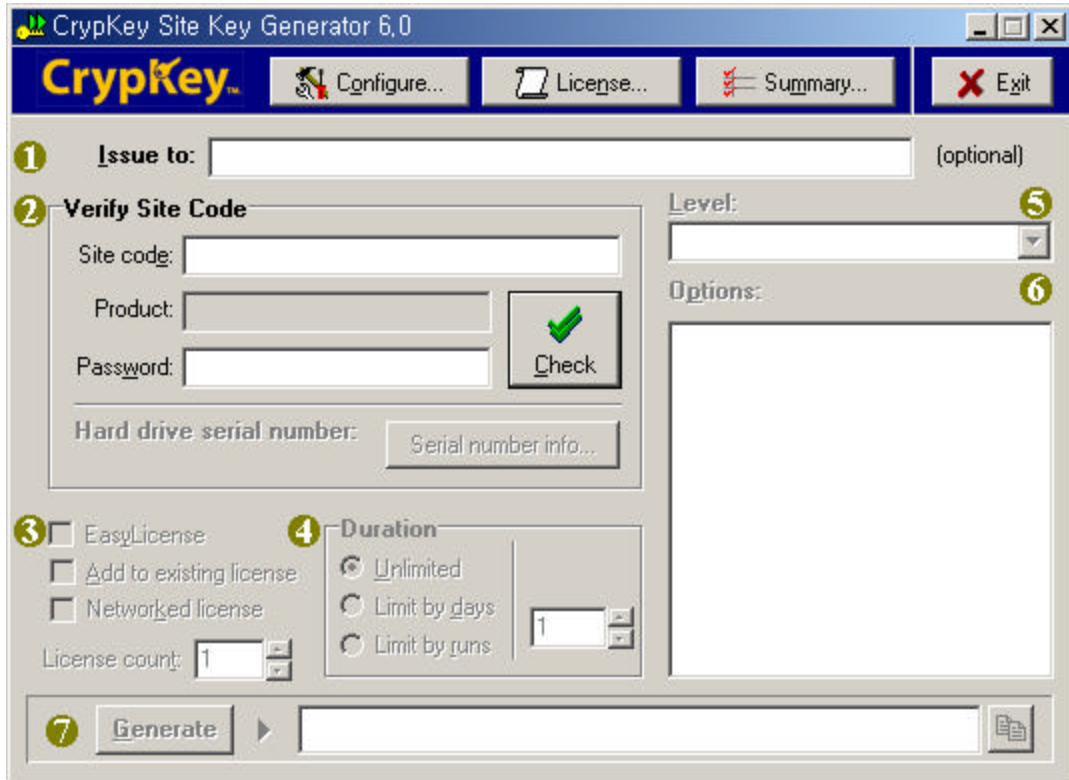
Crypkey Instant

Site Key Generator



[38] Site Key Generator

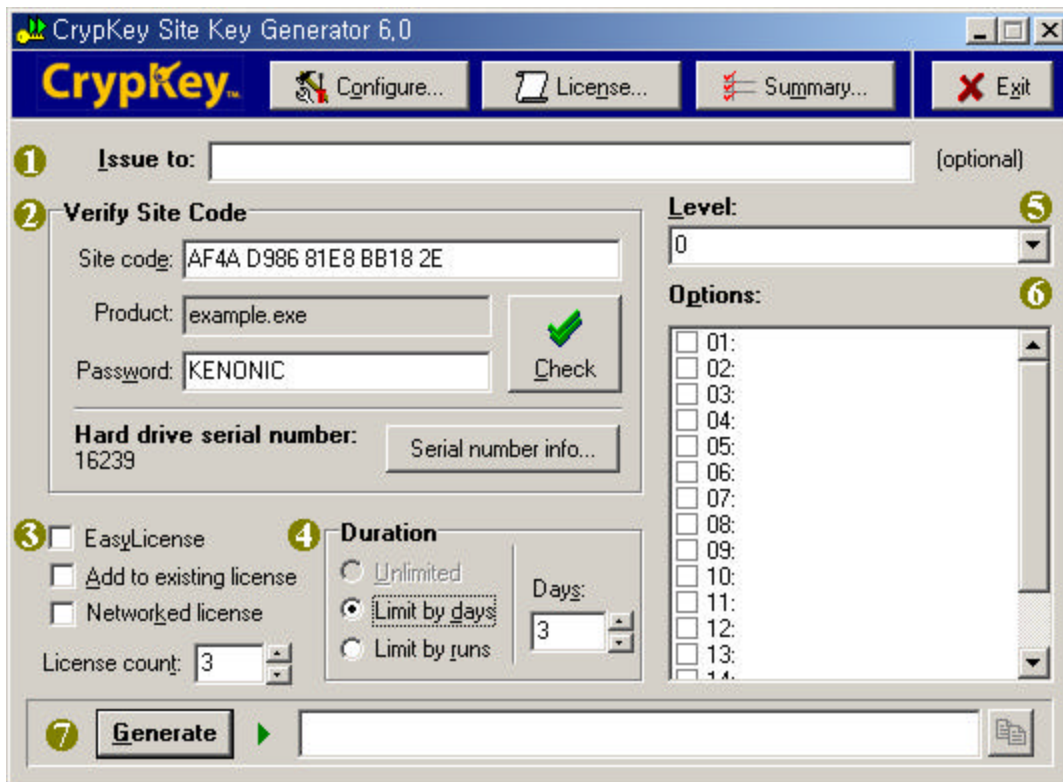
Site Key Generator



[39] CrypKey Site Key Generator

Site Key
37] Site Code "AF4A D986 81E8 BB18 2E" Site Key [

Generator Site Code 'Check' CrypKey Site Key
'KENONIC' Password



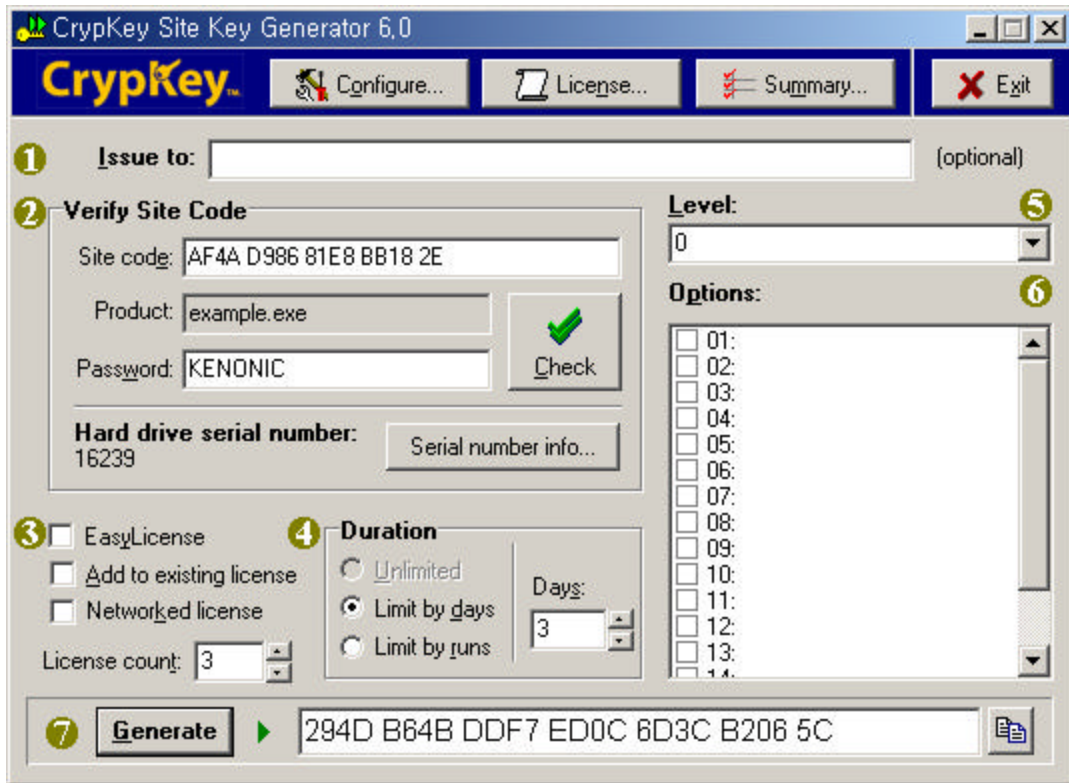
[40] Crypkey site Key Generator

CrypKey Site Key Generator

- 가 (가 3 3)
- Site Key , 'Configure'
- Option Level

, 'Generate'

Site Key



[41] Site Key

example.exe

Site Code

Site Key 26

/

. (294D B64B DDF7 ED0C 6D3C B206

5C)

4.3

4.2

Site Key

CrypKey

. Example.exe

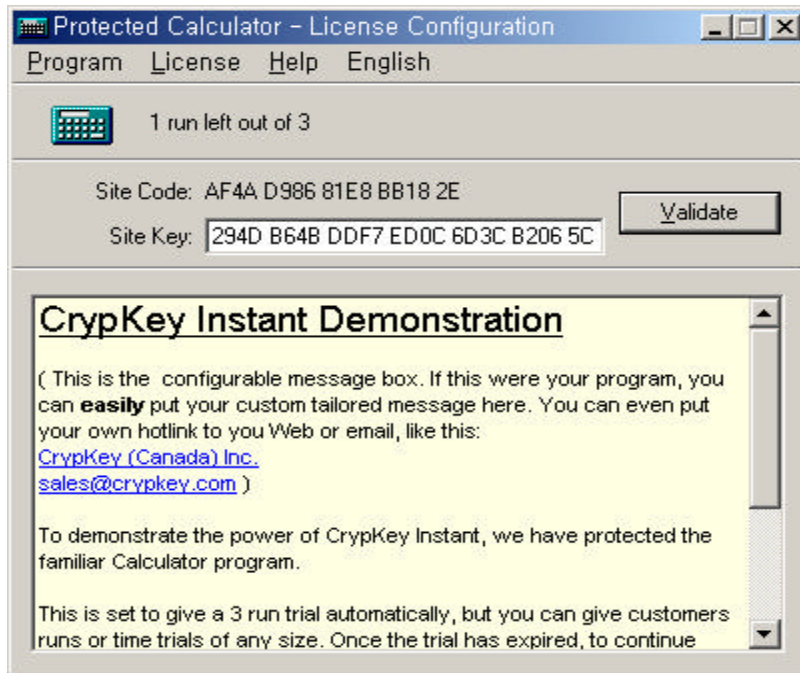
example.exe

4.2

, License Configuration

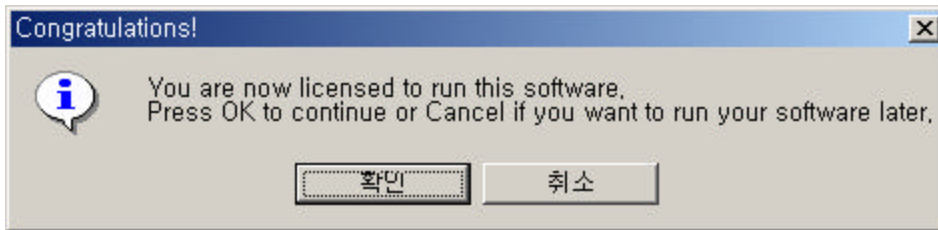
Site Key

Site Key



[42] Site Key

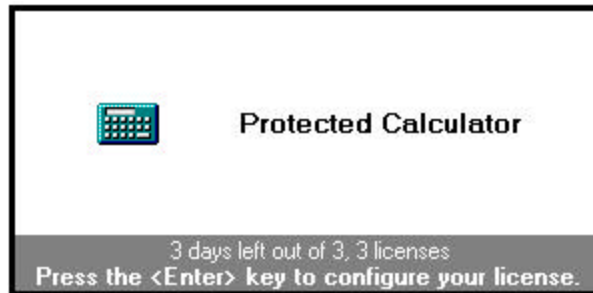
Site Key , 'Validate'



[43]

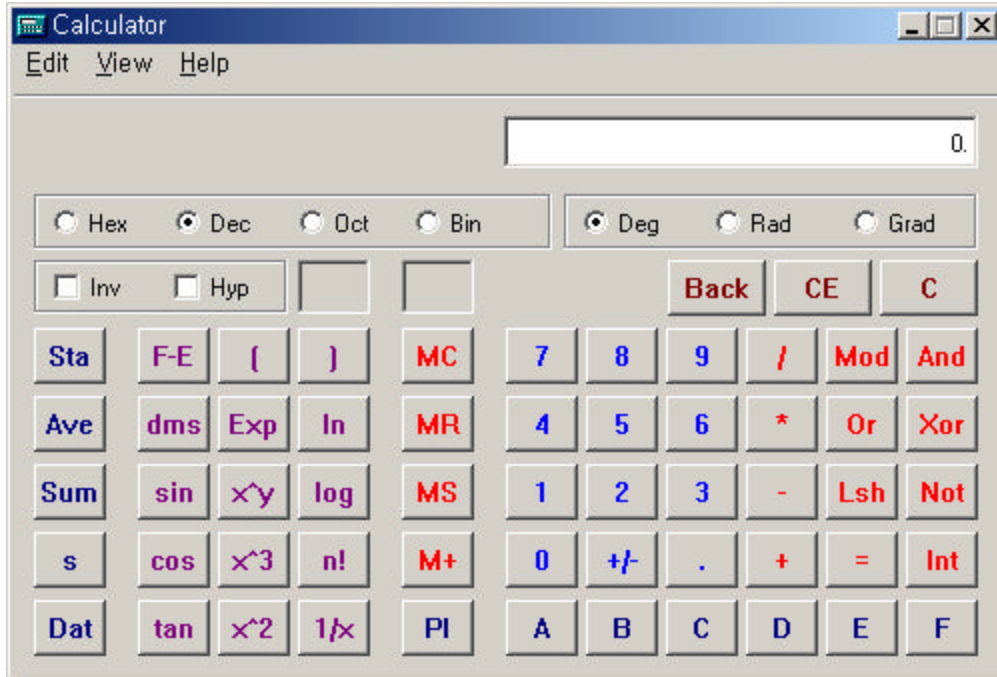
'Display Site Code' , License Configuration , Site Code 가
 , 4.2 , Site Key

, Example.exe ,
 . (" 3days left out of 3, 3licenses ")



[44]

가 Splash Screen
Windows
CrypKey Instant Example.exe Site Key
3 3



[45] Example.exe

4.4 License Configuration

License Configuration

Program

- Close –
- Resume program execution –

License

- Transfer to directory... -
- Transfer in from another computer –
- Transfer out to another computer –
- Kill License –

, 가 .

Help –

English – 가

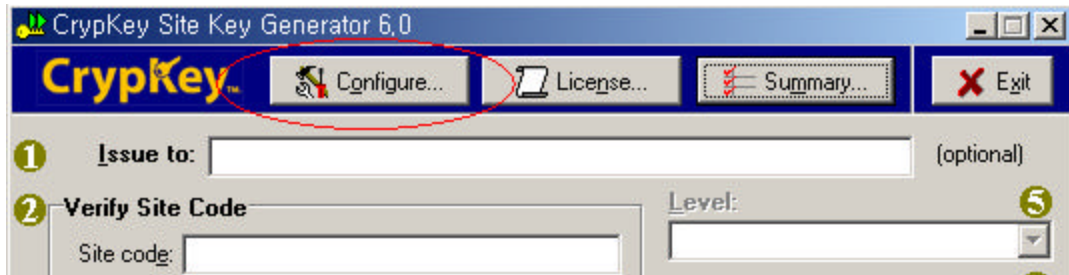
5. Site Key Generator

Site Key Generator CrpKey Instant 가
, Site Key Generator CrpKey Instant
Site Key
Generator Key , 가 Site Key
, (Run) 가 (Day)

Site Key Generator Site Key

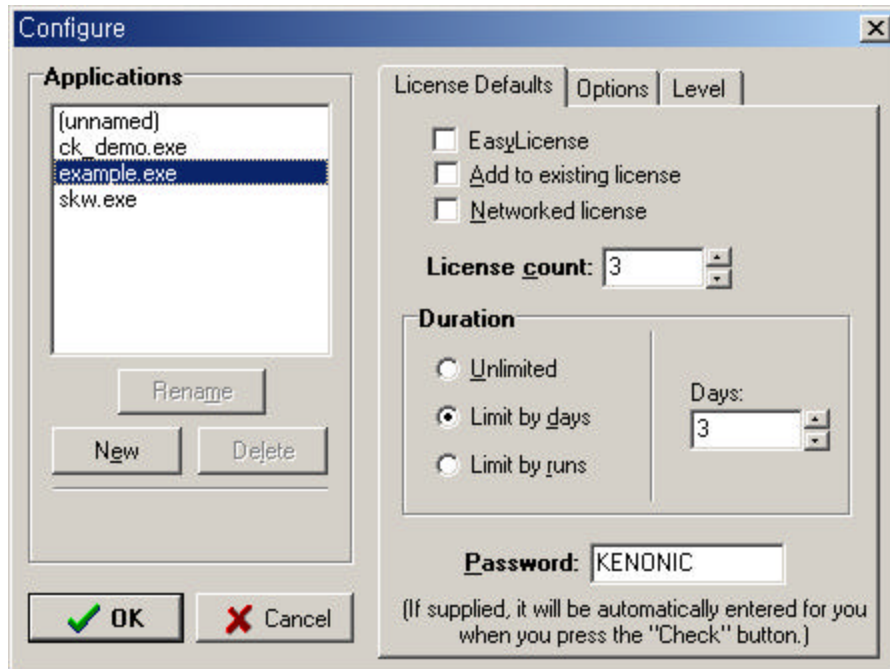
5.1 Configure

Site Key , Key
Site Code Site Key Generator가 , CrpKey
Site Key Generator 가



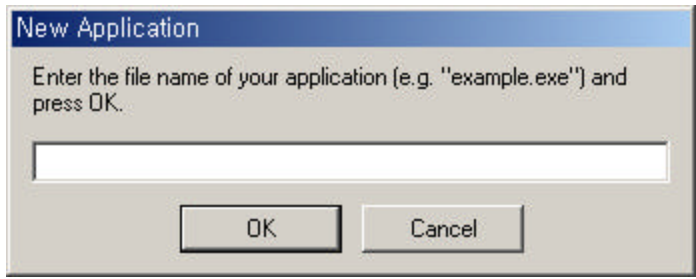
[46] CrypKey Site Key Generator

Configure



[47] Site Key Generator Configure

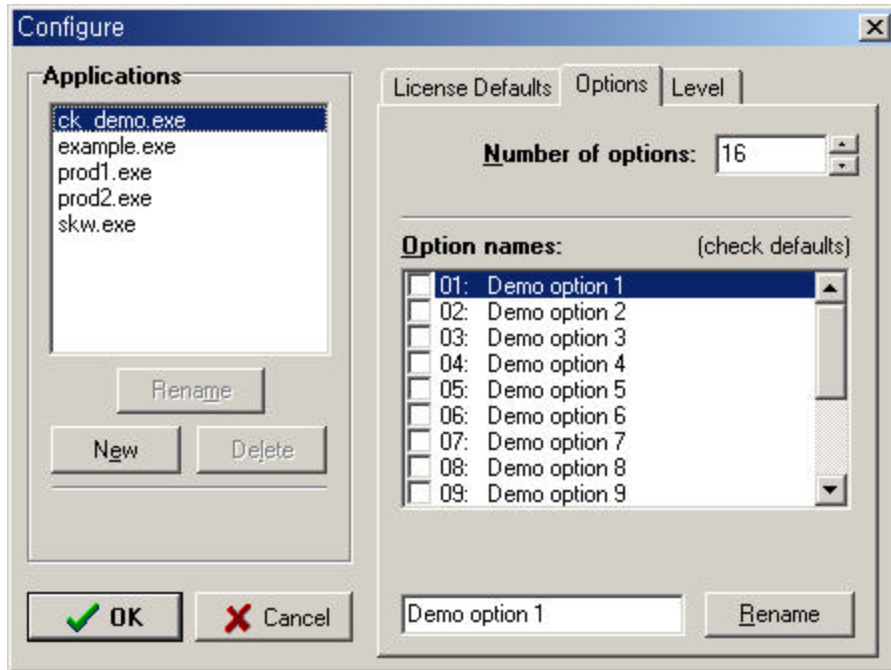
Configure , License Defaults, Option, Level 37
Site Key ,
Site Key ,
Configure .
• :
New ' , New Application ' (,
example.exe) , OK ' , Rename '
Delete ' Application ' .



[48]

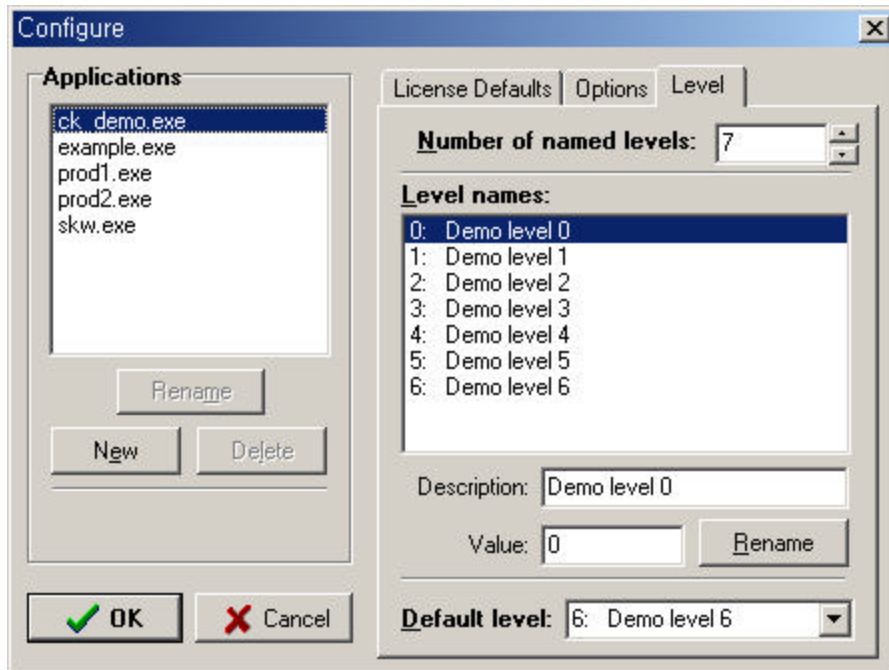
ID ' (,
1 ' .
Configure ' License Defaults ' , License Count '
(PC) ,
Fixed ' Password ' 가
(12) .

, 가 'KENONIC' .
Configure ' Options ' , 5.2 '
Option Number of Options ' Option names ' Default



[49] Configure Option

Configure ' Level ' , 5.2 '
Number of Levels ' Level names ' Default Level



[50] Configure Level

5.2 Level Option

Option CrypKey Instant 32 bit Level Option , 가 , Level Option 28 Option 4 bit Level .

· Levels

Level , 가
/ / . .

- Level 0 : ()
- Level 1 : + ()
- Level 2 : + + ()

, Level 가 .

· Options

Option , Level (On Off) ,
가 On/Off 1

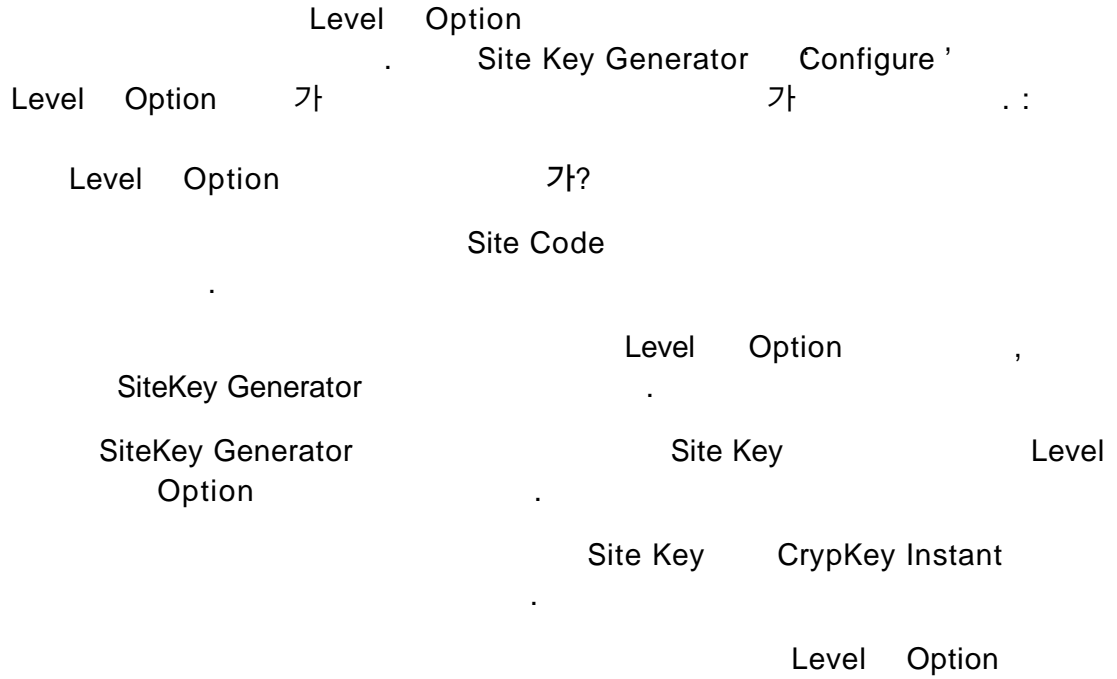
Option

- Option 1(On) : 가
- Option 0(Off) : 가

, Option Option
(On) .

Level Option

가



```
Level Option .
, Level Option Level Option .
Level Option
Option 57가 On 가
CrypKey Instant Level Option
CrypKey Instant CrypKey ' , Pass Option and Level
Information ' Options count '
SiteKey Generator Configure ' Level Option
, Level Option 가 ' Test
```

5.3 CrypKey

CrypKey

. (Module)

가

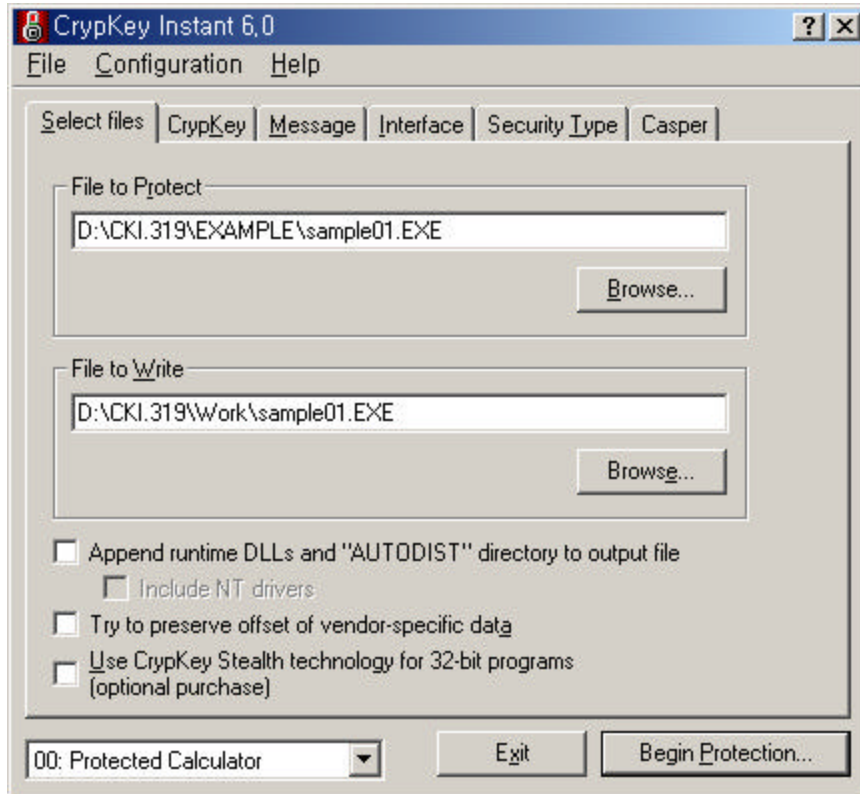
Sample01, Sample02... Sample05 5가

가

, 가 30 가
Filename Example.exe

.(
.) Chapter 6. CrypKey Instant ”

, CrypKey ' Select File '



[51] CrypKey Instant Select Files

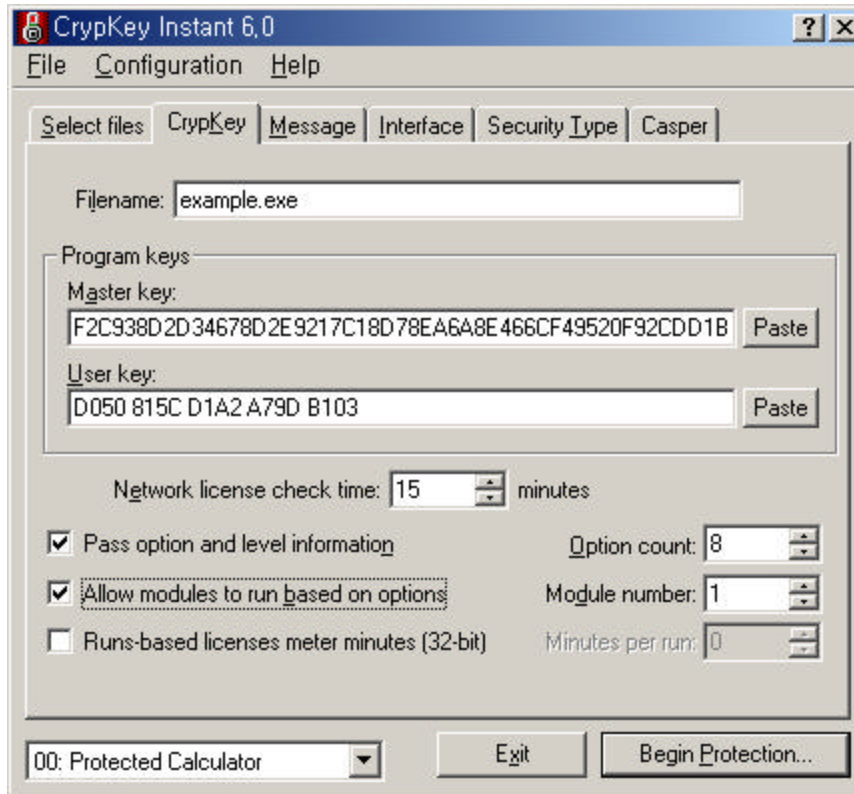
· **File to Protect**

: Sample01.exe

· **File to Write**

: Sample01.exe (File to Protect)

CrypKey



[52] CrypKey Instant CrypKey

- **Filename**

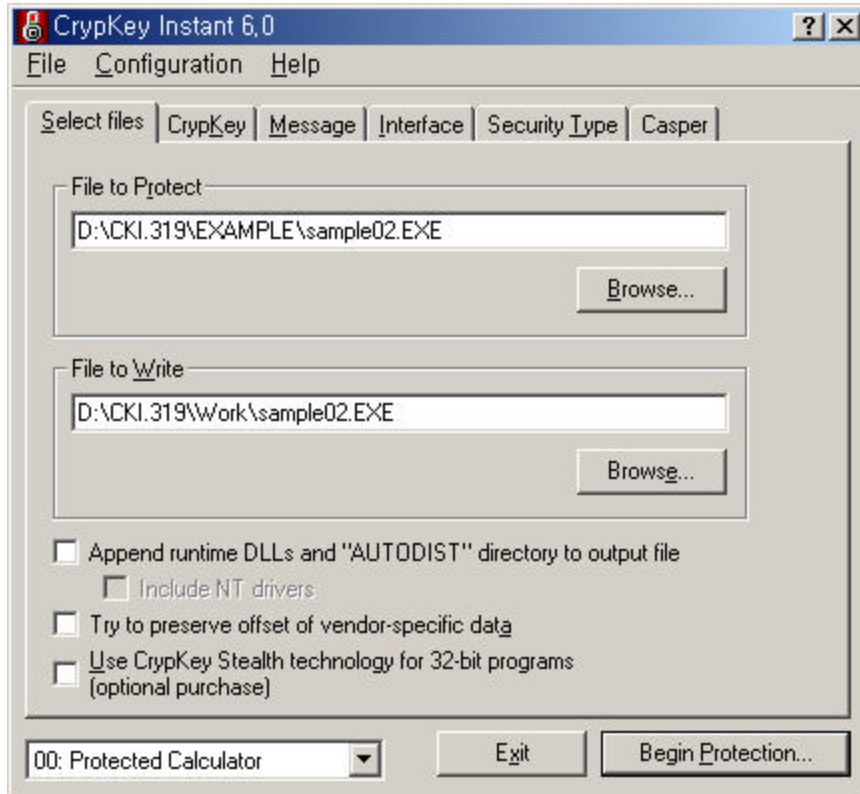
: Select files (Example.exe)

- **Program Keys**

: Master Key User Key

Sample02.exe

Sample01.exe

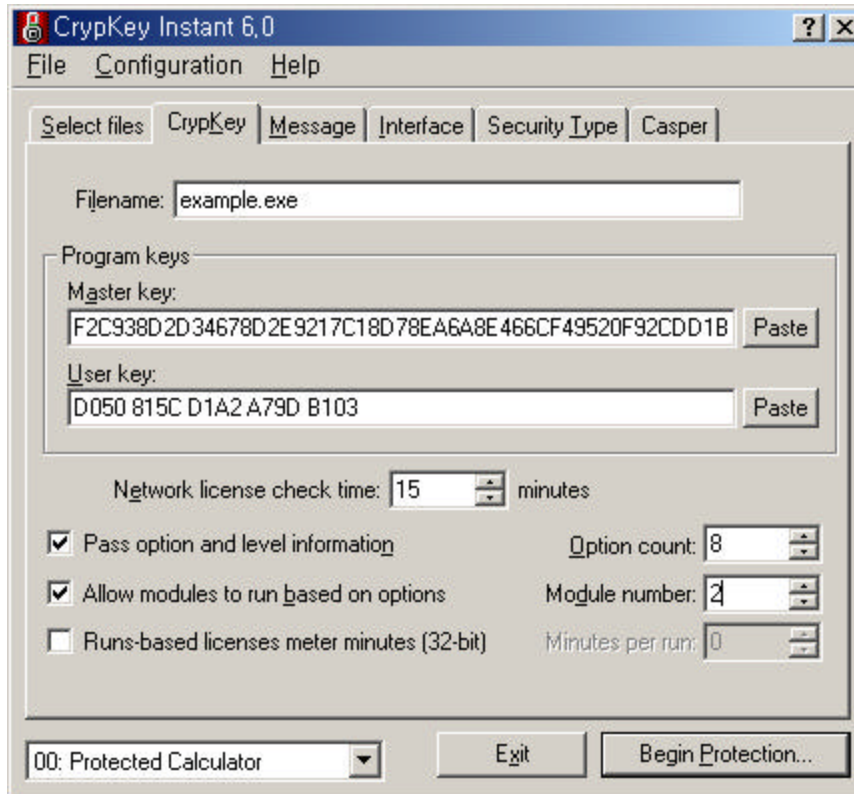


[54] Sample02.exe

- **File to Protect**
: Sample02.exe

- **File to Write**
: Sample02.exe (File to Protect)

CrypKey



[55] Sample02.exe CrypKey

- **Filename**

```

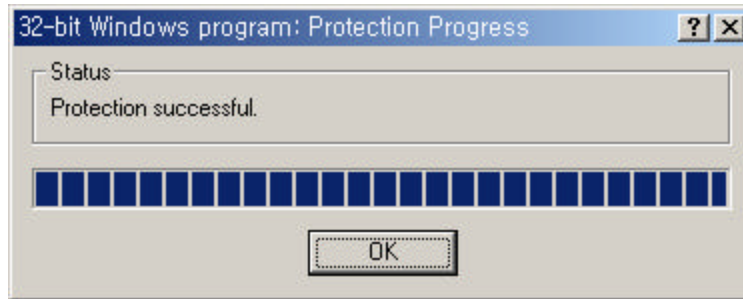
:                               Sample01.exe
Sample01.exe                   Sample02.exe
                                'Filename'
Sample02.exe
가
    
```

- **Allow Modules to run based on Options**

: Sample01.exe '2'
'Filename' Sample01.exe '2'
Site Key Generator Option

Message, Interface, Security Type, Casper

, 'Begin protection..' "

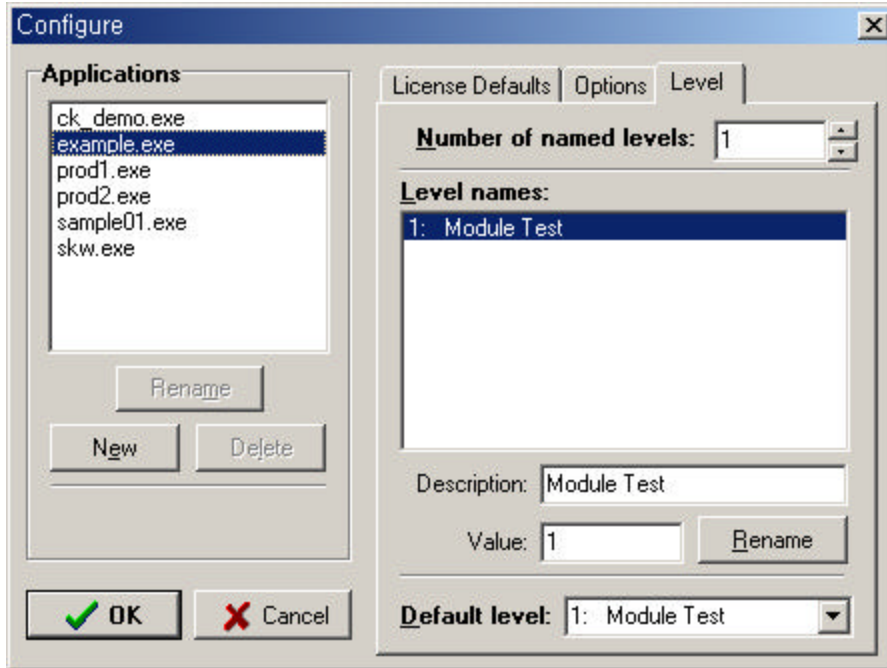


[56] Protection Progress

Sample03.exe, Sample04.exe, Sample05.exe
가

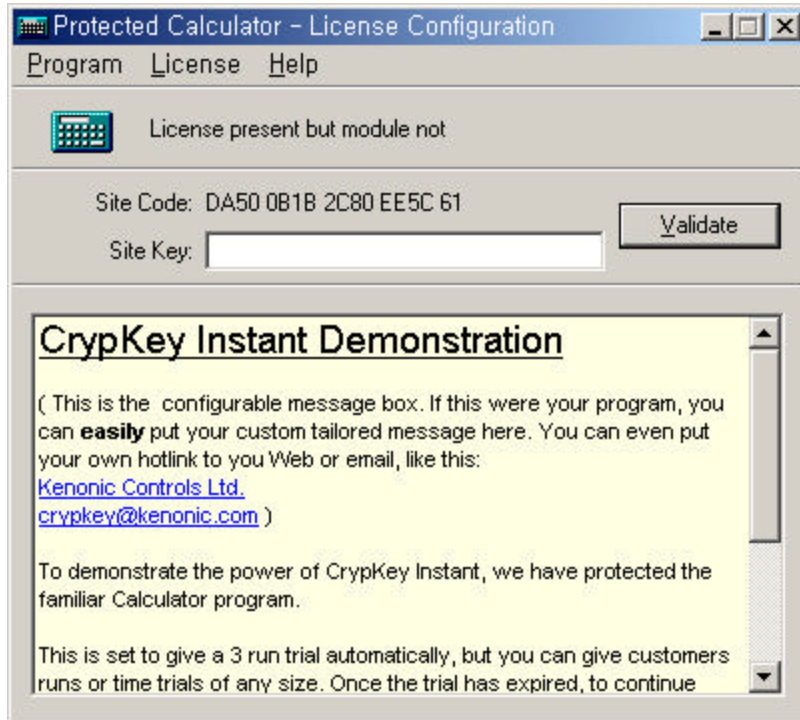
Sample02.exe

Configure Level ' . Number of named Levels
CrypKey 가
, 가 1 '
Description Module Test ' Value 1 '



[58] Level

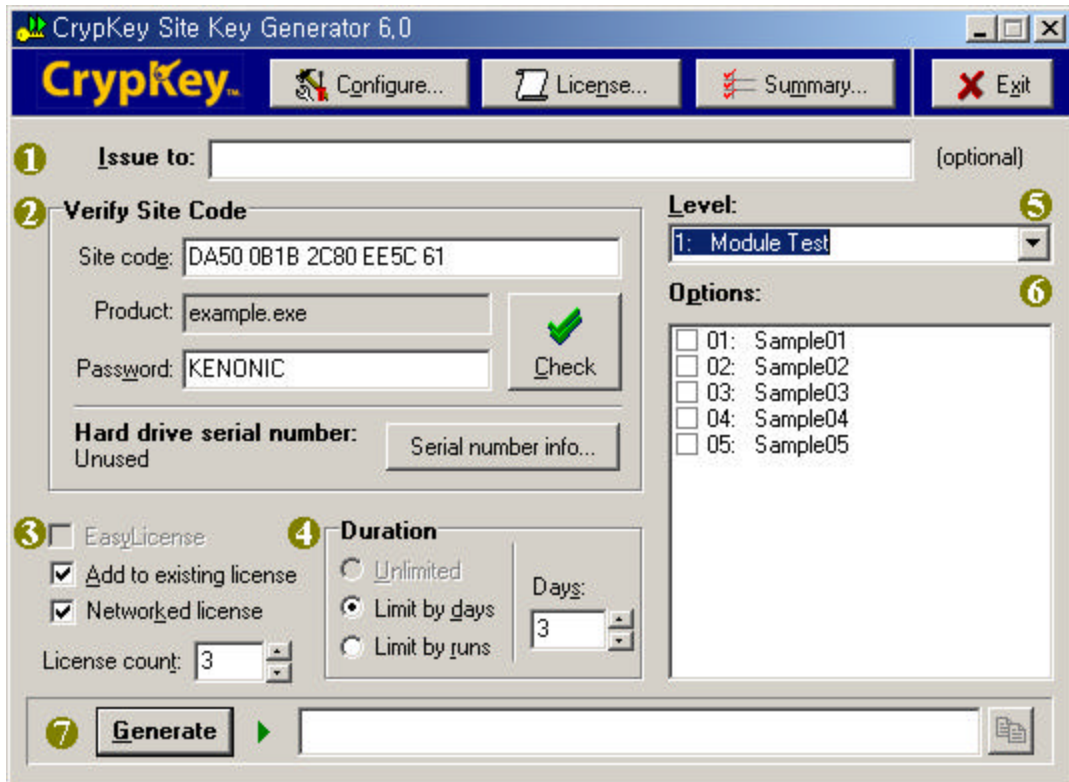
가 Crypkey 가 (sample01)



[59] Site Code

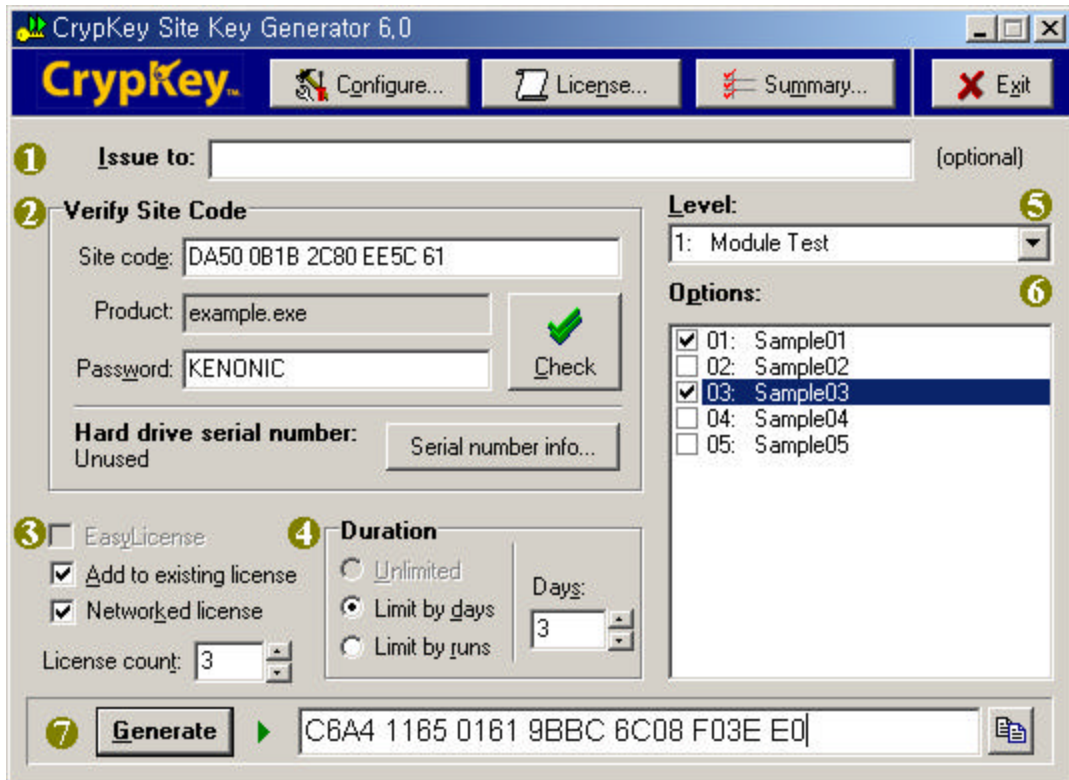
Site Code DA50 0B1B 2C80 EE5C 61 ' , Site Key Generator
Site Code ' .

. Site Code , 'Check'
 . Level Options Configure



[60] Site Key Generator Option Level

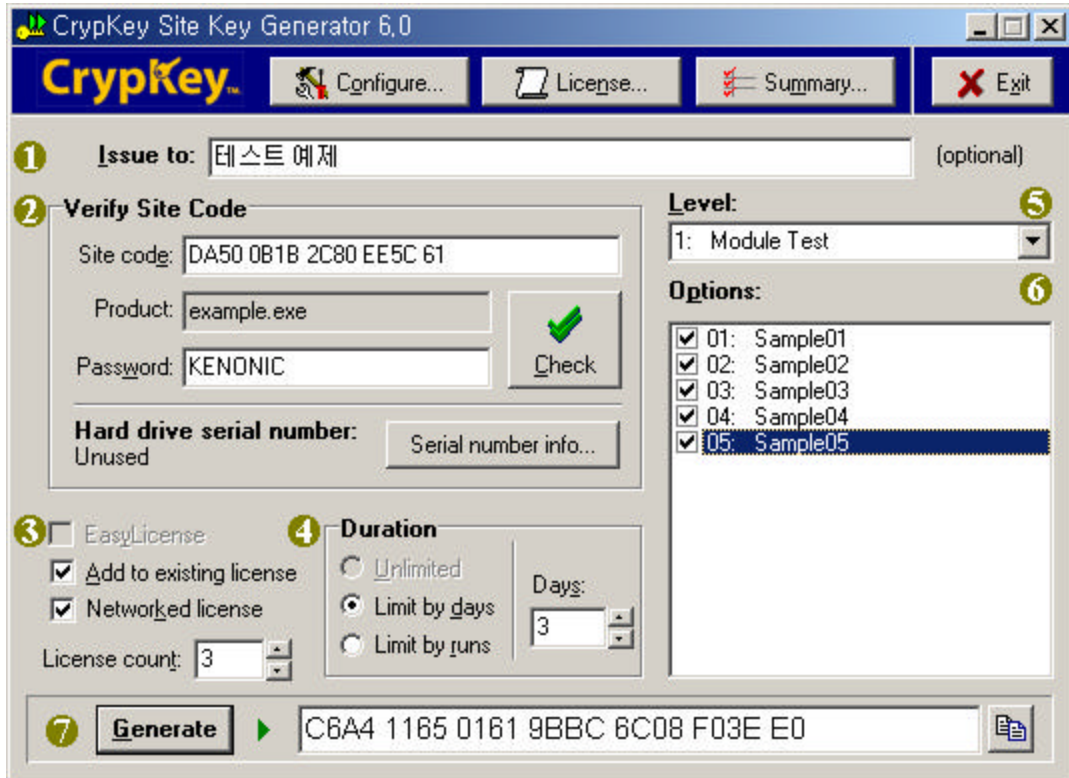
. Options CrypKey Instant Module
 . Option V ' Generate ,
 가



[61] Option Site Key

Sample01, Sample02

5.4 SiteKey Generator



[62] CrypKey Site Key Generator 6.0

SiteKey Generator

- Issue to

- Verify Site Code

Site Code ' Product ' Password ' Site Code , Check ' Configure ' (: example.exe) (: 가 KENONIC)가 가 Configure ' Configure ' .

- Duration

() 32,768(2^16), 32,768 가 .

- License Count

Duration ' (PC) Networked License ' Concurrent 가 License Count ' (,) Fixed 가 License Count ' , Add to Existing License ' SiteKey Generator Site Key(, Duration ' 가 License Count ' Site Key 가 .

- Level

가 Configure ' , Level .

- Options

가 Configure ' Option .

- Generate

Generate ' 1) ~ 6)
Site Key 가 .
Site Key ' (Emailing)
(Exit) .

- Hard drive Serial number

가 6.0 가 , .

- Easy License

CrypKey Instant ,
,
,
, 가 .
2가

- yourfilename.key
- yourfilename.rst

5.5 Summary

SiteKey Generator

Summary

License Generation Summary

Double-click an item for more detailed information. Select log file...

Product	Date	Customer	Copies	Restriction	Level
example.exe	2001-9-22 12:56:54		1	3 Days	0
example.exe	2001-9-22 13:0:47		1	3 Days	0
example.exe	2001-9-22 13:1:33		1	0 Runs	0
example.exe	2001-9-25 13:35:47		1	3 Days	0
example.exe	2001-9-25 13:36:25		1	3 Days	0
example.exe	2001-9-25 13:37:10		1	3 Days	0
example.exe	2001-9-25 13:38:4		1	3 Days	0
example.exe	2001-9-25 13:39:13		1	3 Days	0
example.exe	2001-9-25 13:42:17		1	3 Days	0
example.exe	2001-9-25 13:43:23		1	3 Days	0
example.exe	2001-9-25 13:59:8		1	3 Days	0
example.exe	2001-9-25 14:0:15		1	3 Days	0
example.exe	2001-9-25 17:4:10		1	3 Days	1
example.exe	2001-9-25 17:4:23		1	3 Days	1

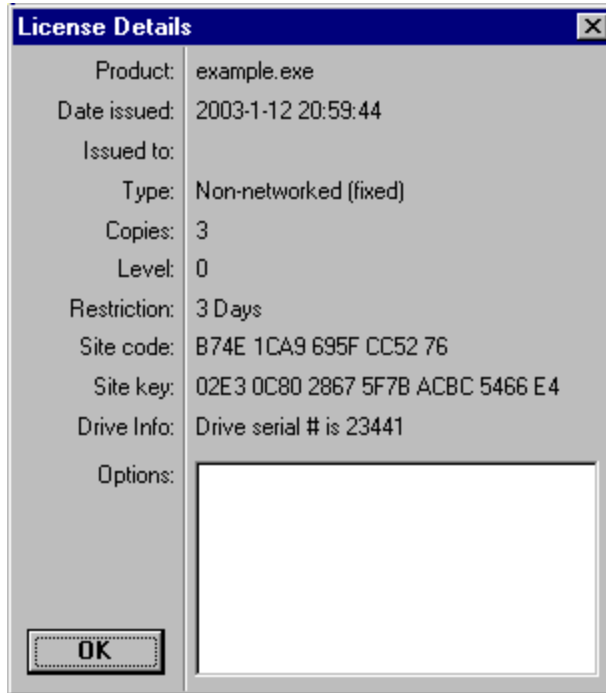
[63]

DB

SiteKey Generator

, Product '

Double-Click



[64] HDSN

6. CrypKey Instant

CrypKey Instant
가

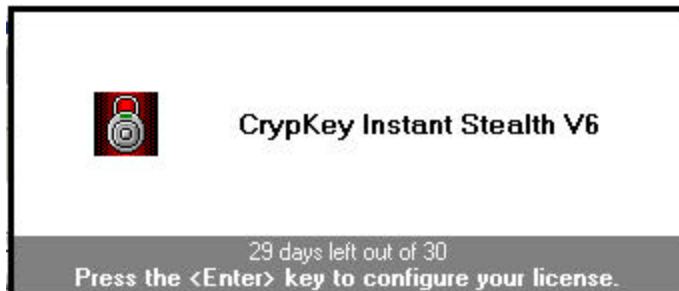
CrypKey

HDD

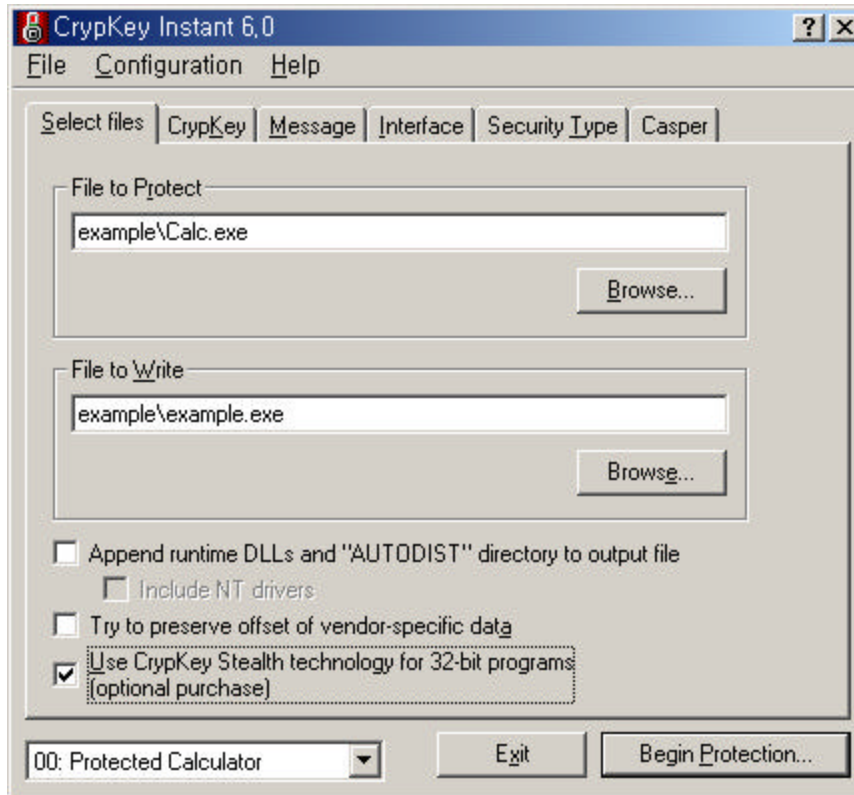
“CKI. 3XX”

CrypKey Instant

‘CrypKey Instant’가



6.1 Select Files



[65] CrypKey Instant Select Files

File to Protect ' Browse

- File to Protect

CrypKey

Browse ' . (,

C: \ Program Files \ Your Program \ Your Program.exe/dll).

- File to Write

File to Protect

Browse ' . (

, C: \ Program Files \ Your Program \ Your Program.exe/dll).

, File to Protect ' File to Write ' .

가

- Append Runtime DLLs and "AUTODIST "Directory to Output File

'Stealth

'CrypKeyWrap ' ,

CrypKey Runtime

가.

가 가

Windows NT

Include NT Drivers ' ,

NT

가

Runtime DLL

(, ,)

DLL

CrypKey

Runtime

, / , Windows NT

(

)

Temporary Folder

가

- Try To Preserve Offset Vendor-Specific Data

가 , Protection
가
가

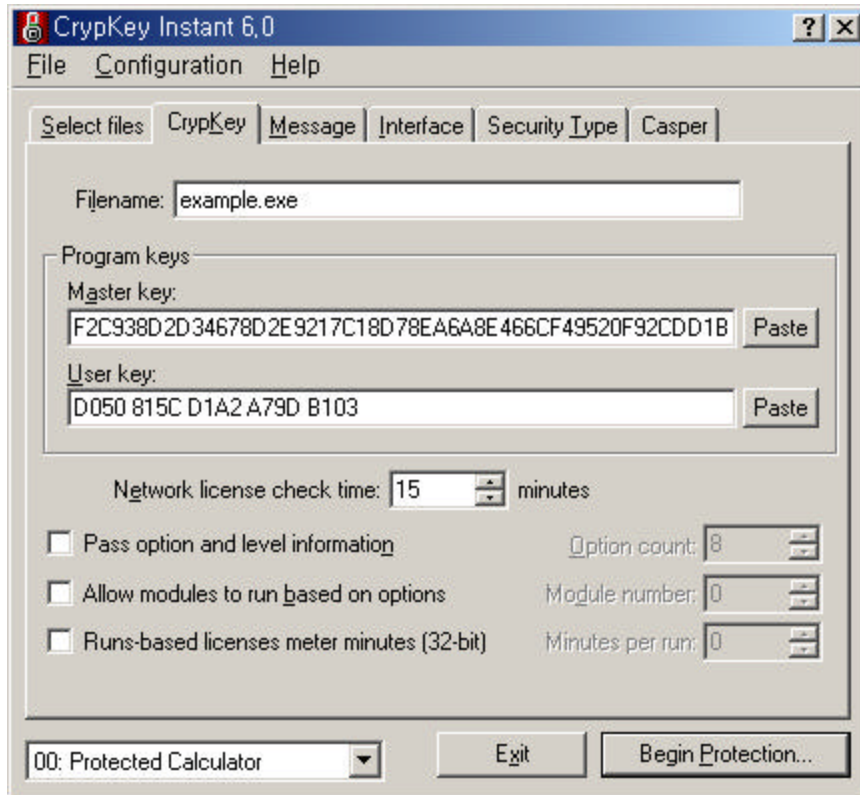
- Use CrypKey Stealth technology for 32 bit programs

가
(30 가)
가



- 1) 가 File to Write ' Example.exe '
- 2) Configuration ' 00:Protected Calculator ' Protection
(Calc.exe)
, CrypKey ,
03:(empty) ' File to
Protect ; File to Write '
, 00
CrypKey ,
- 3) 가 가
, Append Runtime DLLs and AUTODIST Directory to Output File '

6.2 CrypKey



[66] CrypKey Instant CrypKey

- Filename

```

        (XXXXXX.exe/dll
    File to Write '
        ,
        % CRYPTKEY ( ,
    )
    
```

, CrypKey COMMONFILES PROGRAMFILES
, , %COMMONFILES%\ MYDIR \ example.exe '
, PC Program Files ' Common Files '
MYDIR ' 가 CrypKey

- Master Key User Key
- 00 : Protected Calculator ' , 가 .
- 01 : (empty) ' , Master
Key User Key 00 : Protected Calculator '

- Network License Check Time
Floating/Network , 가 Client

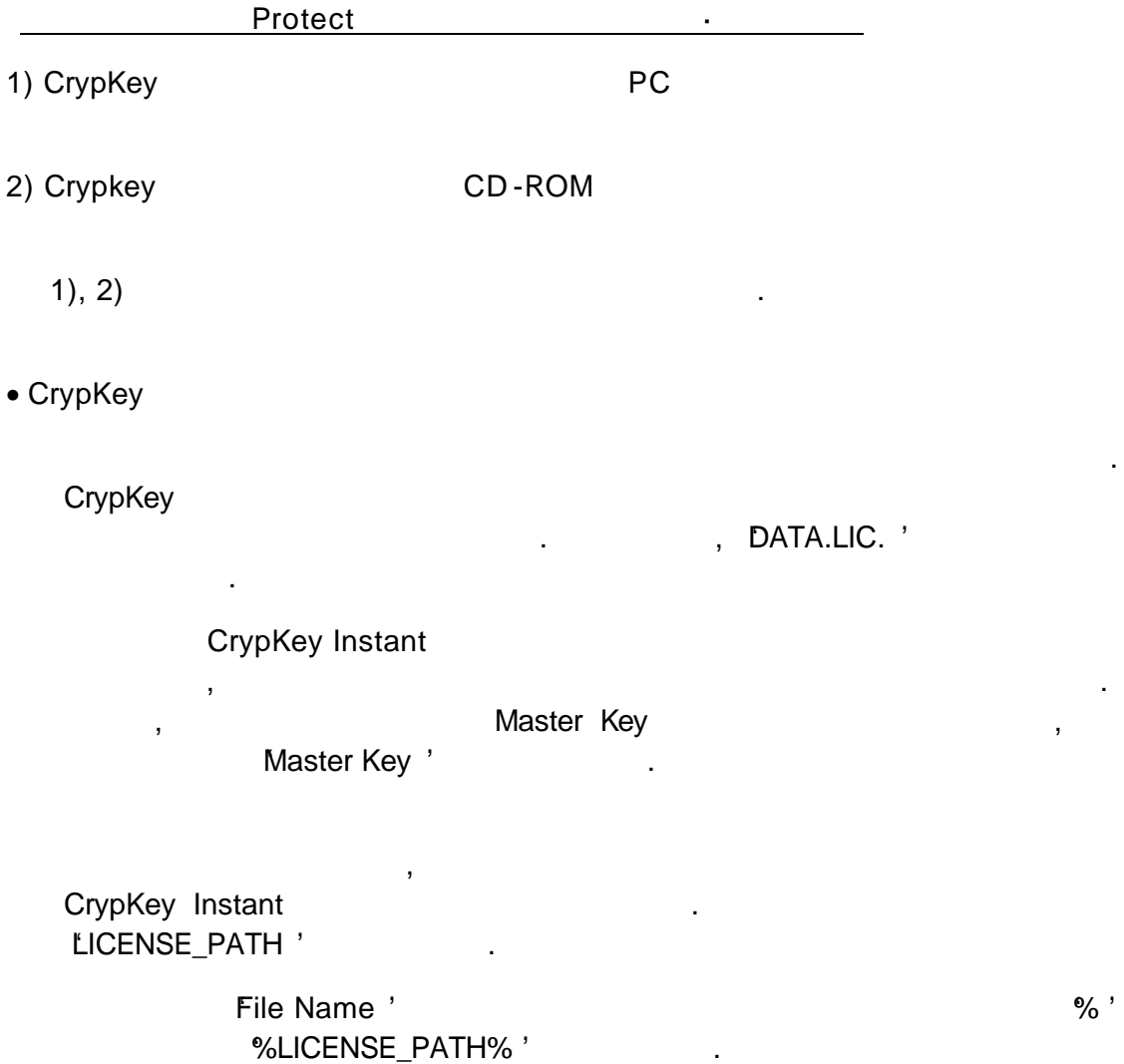
- Pass Option and Level Information
5.2 Level Option ' Option Level
Option Count ' Option Level

- Runs -based licenses meter minutes (32 -bit)
.EXE (分)
(分)

(分)

- Allow Modules to Execute Based on Enabled Options

/ () /
 /
 No 3 , Site Key Generator
 Option Number 3 , No.3
 5.3



-

PC

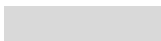
PC

가

X: \ Programs \ My Program '
AUTOEXEC.BAT ' :

Set LICENSE_PATH = X: \ Programs \ My Program \ data.lic '

Reboot



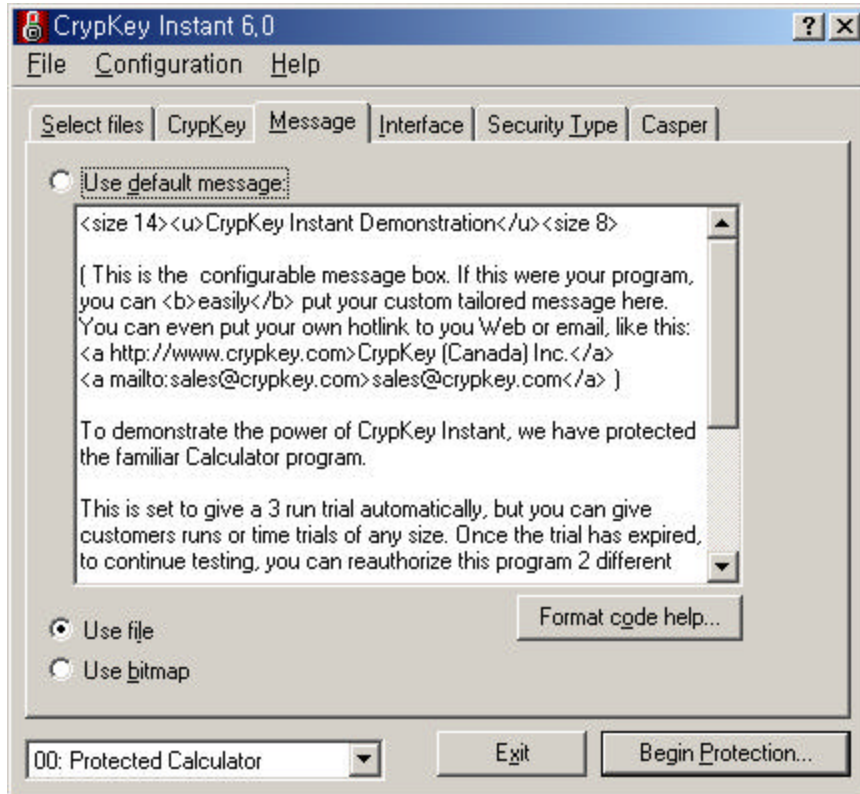
1) 가

File Name ' example.exe '
Select Files ' File to Write ' example.exe '
가 File Name ' example.exe 가

2) 가

Stealth

6.3 Message



[67] CrypKey Instant Message

CrypKey Instant

. 가 ,

가 가 .

- Use Default Message

1,024

<regular>	: 8-point Arial
, < \ b>	On/Off
<i>, < \ i>	On/Off
<u>, < \ u>	On/Off
	, , < \ font> .
<size fontsize>	
<a webaddress> < \ a>	, 가 가 .

Email

, <a mailto : support@hyubwoo.com> Mail us< \ a>

:

 <size 9> Regular text,

 bold text < \ b>, <i> italic text < \ i> ,

<a http : //www.hyubwoo.com> link to Hyubwoo Info Tech's web page < \ a>.

() :

Regular text , bold text, italic text, link to hyubwoo Info Tech's web page

• Use Text File

가 , 1024 가

cki_?.msg (? ' A ')

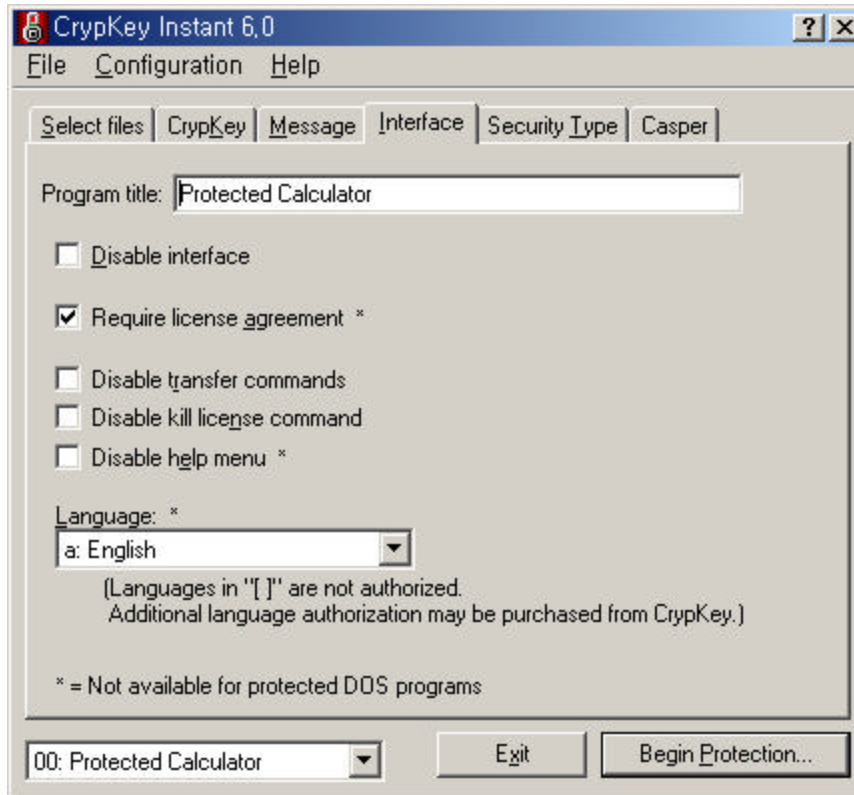
• Use Bitmap File

Bitmap , 16 Bitmap

가

cki_?.bmp ,

6.4 Interface



[68] CrypKey Instant Interface

Program Title ' .

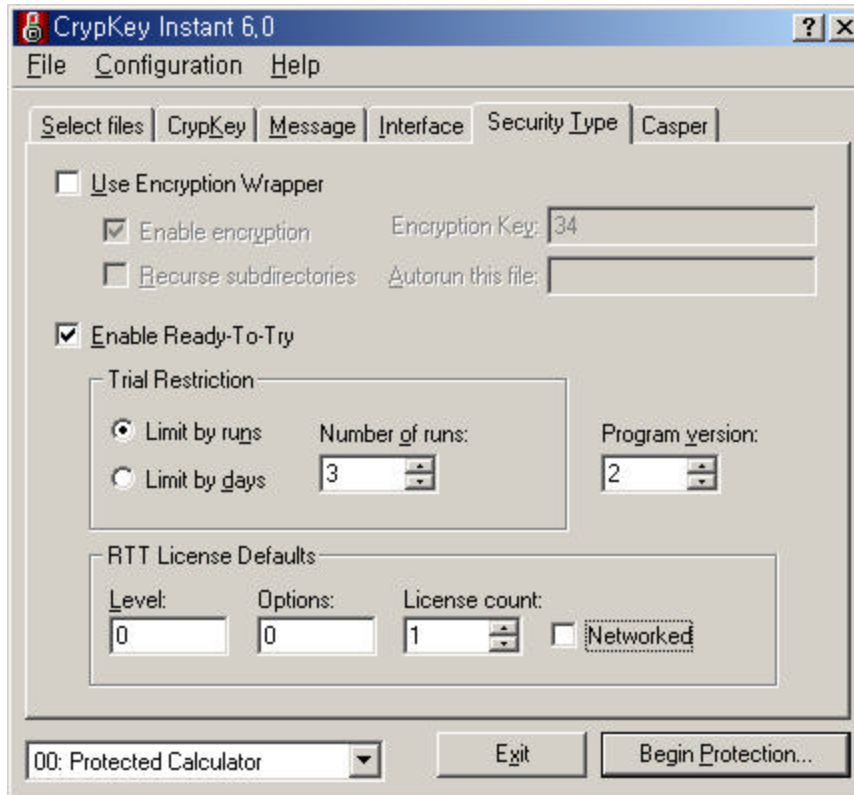
On/Off가 가 .

- Disable Interface

CrypKey Instant (, EXE
가 DLL) .

- Require License Agreement
가 Site Code ,
- Disable Transfer Commands
가 PC
- Disable Kill License Command
Kill License
- Disable Help Menu
Help .
- Languages ,

6.5 Security Type



[69] CrypKey Instnat Security Type

- Encryption Wrapper
CrypKey Instant

3.1 Select Files

- Encryption Key : 0 ~ 2³² 가 () 가 5 ' Site Key Generator , Level ' Site Key(Email 가) .(, Option ' 0 ' 要)
- Rescure subdirectories :
- Autorun this file :

- Ready - To - Try

- 가 가 , 가 가 가 / 가 가 가 (CrypKey Instant 가).
- Trial Restriction : (Runs) (Days)
- RTT License Default : 가 가 Level Option , Level ' , Options ' /

(ON/OFF) 가
Option 1,
2 5
10011 ' (Option 1 Low-bit, Option 2
bit)
 $1X1+1X2+0X4+0X8+1X16 = 19$ Option
Option 1 ~ 32 가
, Level Option Site
Key Generator

- Program Version : 가

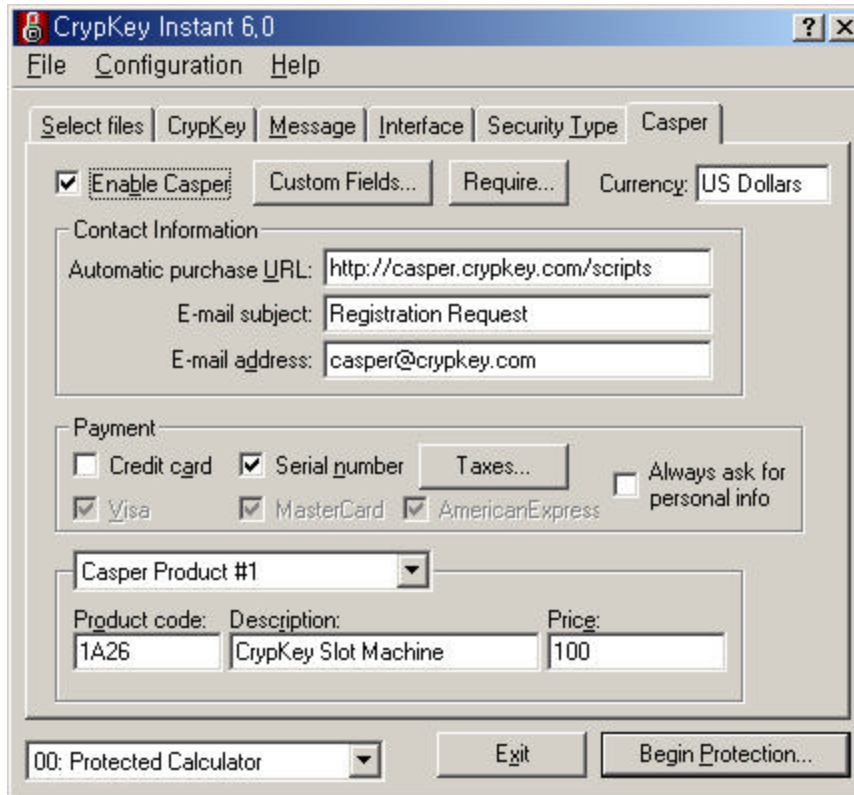
32 가



1) 'Ready -To -Try ' 가 PC

2) 가 Site Key Generator
3 , 3

6.6 Casper



[70] CrypKey Instant CASPER

Casper
, CrypKey Instant
Casper

CrypKey Instant가

Casper CrypKey Instant, Casper Server
가 .

1)

Casper Server 가

2)

Email

Casper Server Email Email Email

3)

Email

Email

Email

Email

Casper

(Casper Credit Card)

가

• : 가 , 가

가

• : 가 , Serial Number

S/N가 Casper Server

가

Casper

- Casper , Enable Casper ' , Currency ' 가 .
- “ ” , URL
- 'Email ' , Casper Server가
- 'URL ' 'Email ' 가 가 , Casper ' ' Email ' .
- 'Payment Type ' Casper Server가 S/N . S/N 가 S/N . Casper Wizard 16 Casper Product Number/Code 가 , Product Description .



- 1) Casper CrypKey Instant V5.1 가 .
- 2) Casper (32 bit Windows) Casper DLL .

6.7 Configuration

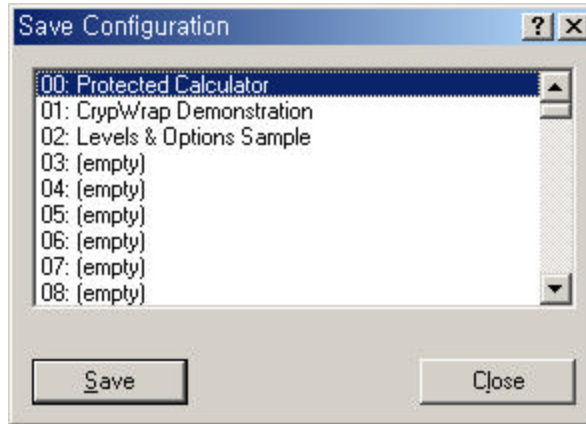
CrypKey Instant 100 (00 -99)

Configuration

Interface

Drop-Down List
...)

Configuration(01 ' 02 ' 03 '...
Select File ' (3-1) ~ Casper ' (3-6)
Configuration ' Save Configuration '



[71] CrypKey Instant

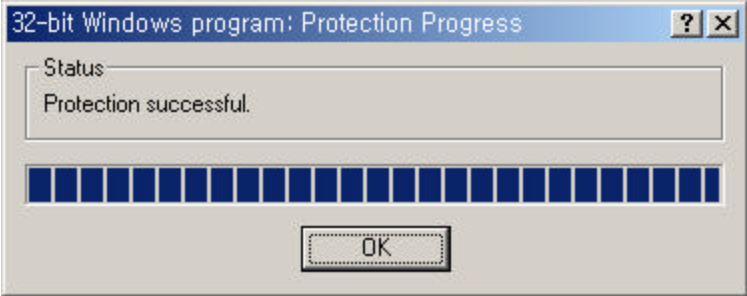
Save Configuration ' 가? '

Configuration Overwrite
, NO ' Save Congifuration As '

Configuration Number

6.8 Begin Protection

Protection
Begin Protection
가



[72] Protection Progress

7.

CrypKey Instant

Floating)

Concurrent(

가

NT PC

PC

PC

가 SiteKey Generator

4

Floating

4

, 5

가

4

()

, 6

, 7

5

가

가

7.1

CrypKey Instant

- CrypKey Instant
- -
- 가
- WindowsNT, Windows95/98 Novell

Platform	
DOS	CKSERVE.EXE
Windows 3.1, 95/98	WCKSERVE.EXE
NT	NT Stealth
Novell	CKSERVER.NLM
OS2	OS2 Driver

7.2 DOS

CrypKey Instant가 CKSERVE.EXE ' ,
DOS TSR , Command Line CKSERVE

- 1 (Command Line) CKSERVE.EXE C: \ APP1;C: \ UTIL \ APP2;E: \ WIN \ APP3;
- 2 (AUTOEXEC.BAT) SET CKSERVE = C: \ APP1;C: \ UTIL \ APP2;E: \ WIN \ APP3;

Reboot .

7.3 Windows 3.X Win95/98

CrypKey Instant가 WCKSERVE.EXE ' ,
Windows , Command Line
CKSERVE .

- 1 (Command Line) WCKSERVE.EXE C: \ APP1;C: \ UTIL \ APPW;E: \ WIN \ APP3;
- 2 (AUTOEXEC.BAT) SET CKSERVE = C: \ APP1;C: \ UTIL \ APP2;E: \ WIN \ APP3;

Reboot .

7.4 Windows NT/2000/XP

NT

SetupEx.EXE ' CKS.EXE '

/S C: \ CRYPTDEMO() (Silent Mode

SetupEx.EXE C: \ CRYPTDEMO (Verbose Mode
Reboot .

Uninstall

^ \ NETDRIVE \ NTSTELTH '

HELP

Cki.xxx '

Setupex.exe

- WinNT

NT

setupex.exe

setupex.exe

'Setupex.exe /D "

7.4.1 InstallShield Script

```

        , InstallShield
        . InstallShield
        Script가
Script
        , setupex.exe
        ,

// after these files have been installed
LaunchAppAndWait (TARGETDIR ^ "SETUPEX.EXE", "", WAIT);

File://Find out if we need reboot, get setupex.exe return code from .xco file

ret=OpenFileMode (FILE_MODE_NORMAL);
ret=OpenFile (nFileHandle, TARGETDIR, "setupex.xco");
ret=GetLine (nFileHandle, svLine);
CloseFile (nFileHandle);

if StrCompare(svLine, "-17")=0 then NTR reboot=1;
endif;

file://at end of install...
if NTR reboot=1 then
nDefOptions = SYS_BOOTMACHINE;
szTitle = "";
szMsg1 = "";
szMsg2 = "";
nResult = SdFinishReboot ( szTitle, szMsg1, nDefOptions, szMsg2, 0 );

```

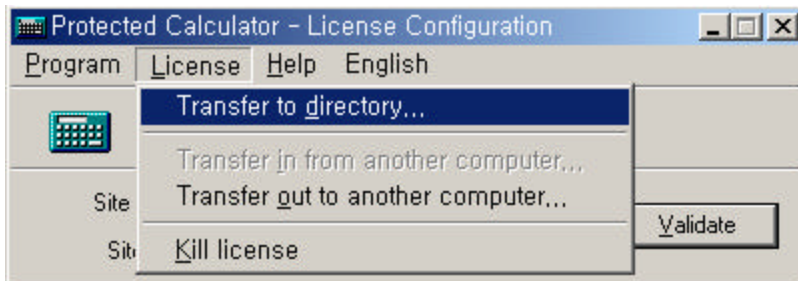

NTDRVR_INSTALL_ERR_REG_COULD_NOT_OPEN_SERVICEMANAGER	-8
NTDRVR_INSTALL_ERR_REG_COULD_NOT_OPEN_SERVICE	-9
NTDRVR_INSTALL_ERR_REG_COULD_REGISTER_DIRECTORY	-10
NTDRVR_INSTALL_ERR_STARTSERVICE	
_COULD_NOT_OPEN_SERVICEMANAGER	-11
NTDRVR_INSTALL_ERR_STARTSERVICE	
_COULD_NOT_OPEN_SERVICE	-12
NTDRVR_INSTALL_ERR_STARTSERVICE	
_COULD_NOT_START_SERVICE	-13
NTDRVR_INSTALL_ERR_STOPSERVICE	
_COULD_NOT_OPEN_SERVICEMANAGER	-14
NTDRVR_INSTALL_ERR_STOPSERVICE_COULD_NOT_OPEN_SERVICE	-15
NTDRVR_INSTALL_ERR_STOPSERVICE_COULD_NOT_STOP_SERVICE	-16
NTDRVR_INSTALL_ERR_REBOOT_NEEDED	-17

8.

Crypkey Instant SiteKey Generator PC /
 , 가 CryKey Instant PC
 / ,
 . , .
 2가 가 . 가
 가 ,
 . 8.1 8.2
 , .

8.1

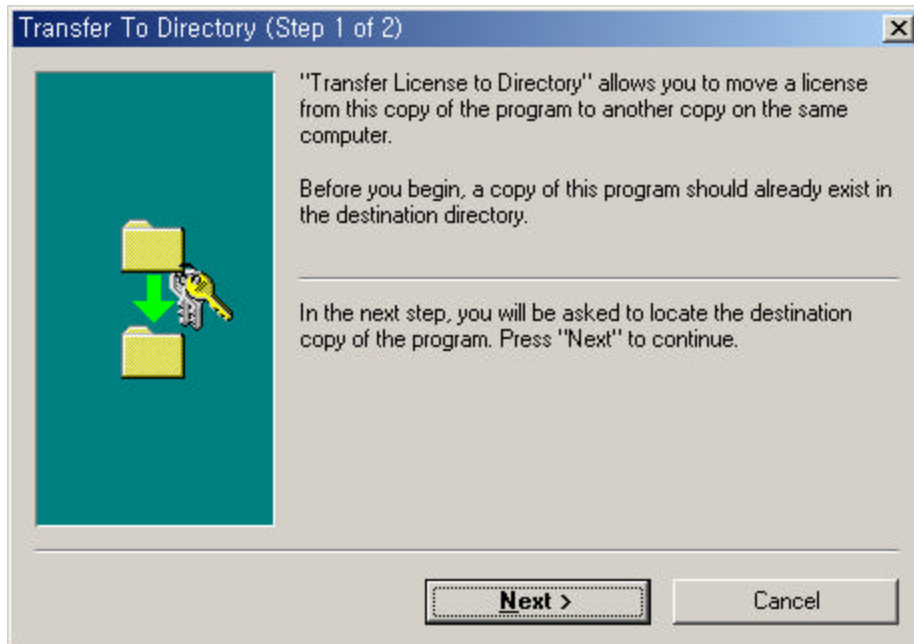
) (PC) PC
가 / ,
, /
가
License Configuration
License 'Transfer to directory'



[73] License Transfer to directory

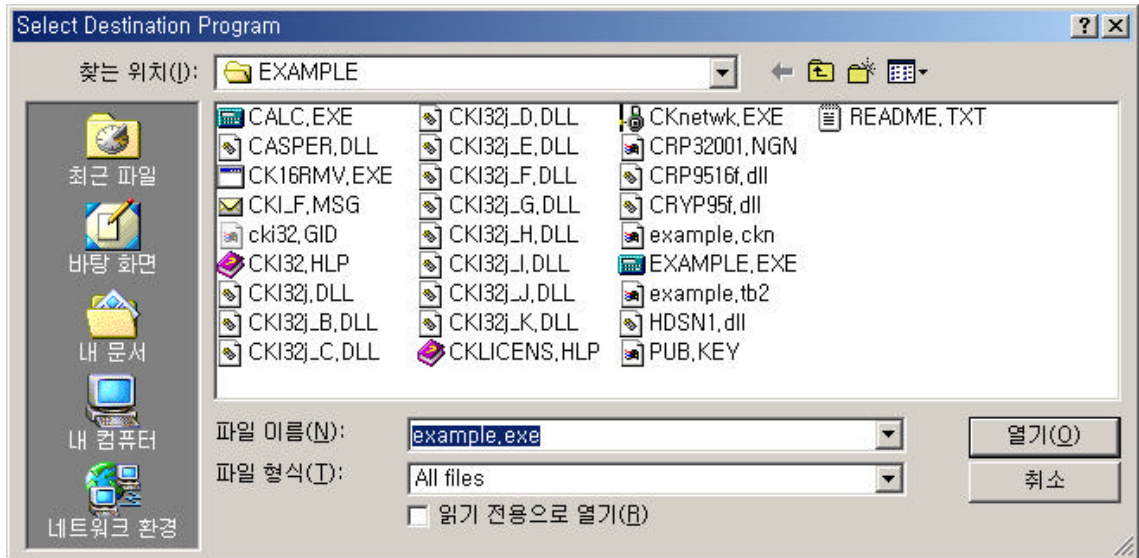
'Transfer To Directory'

'NEXT'



[74] Transfer To Directory (Step 1 of 2)

Select Destination Program



[75] Select Destination Program

(step 2 of 2) , 가 , Transfer To Directory
, 'Finish' ,



[76] Transfer To Directory (step 2 of 2)

, 가
, 'Step 1 of 2'
, 가

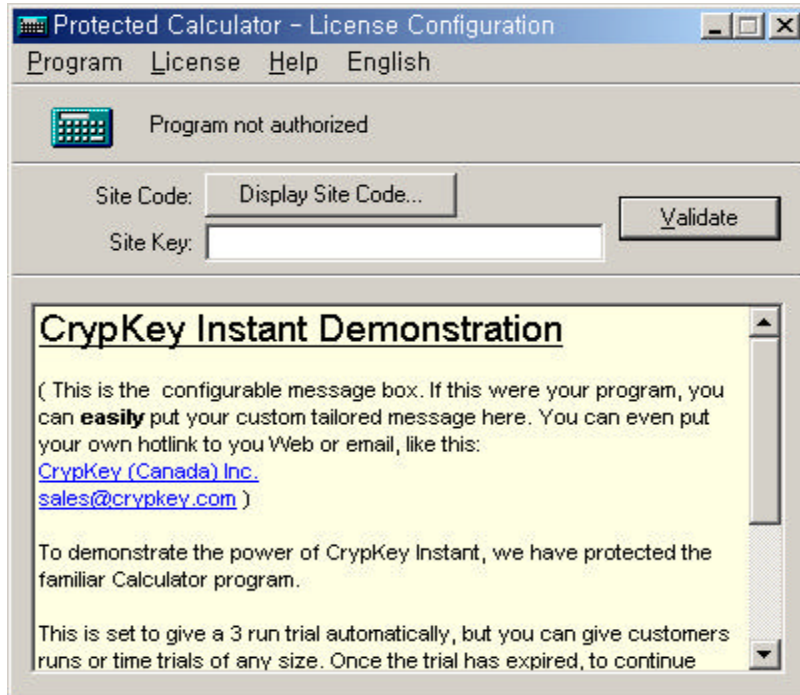
8.2

(, Target) /

Target /

가

License Configuration

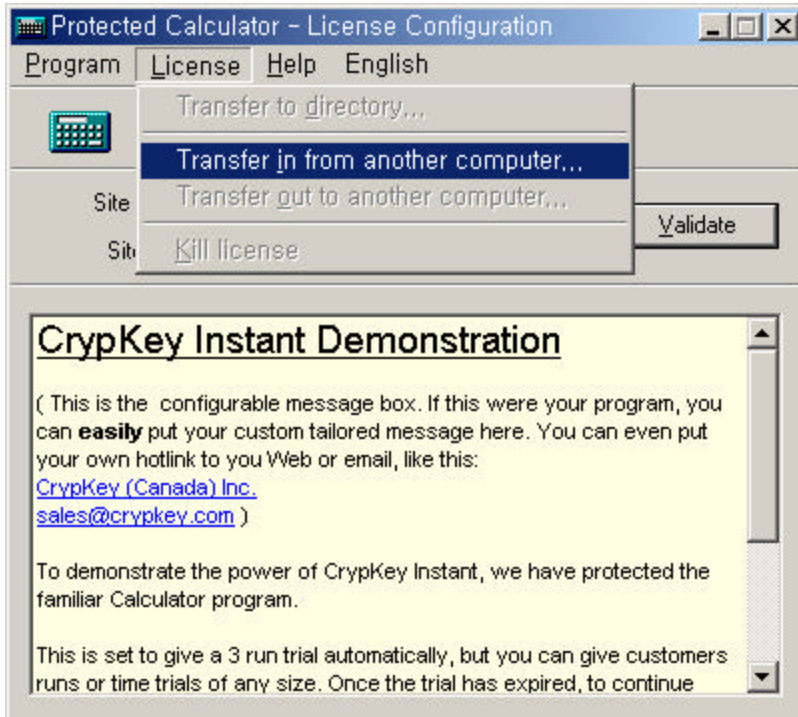


[77]

Target

, Target

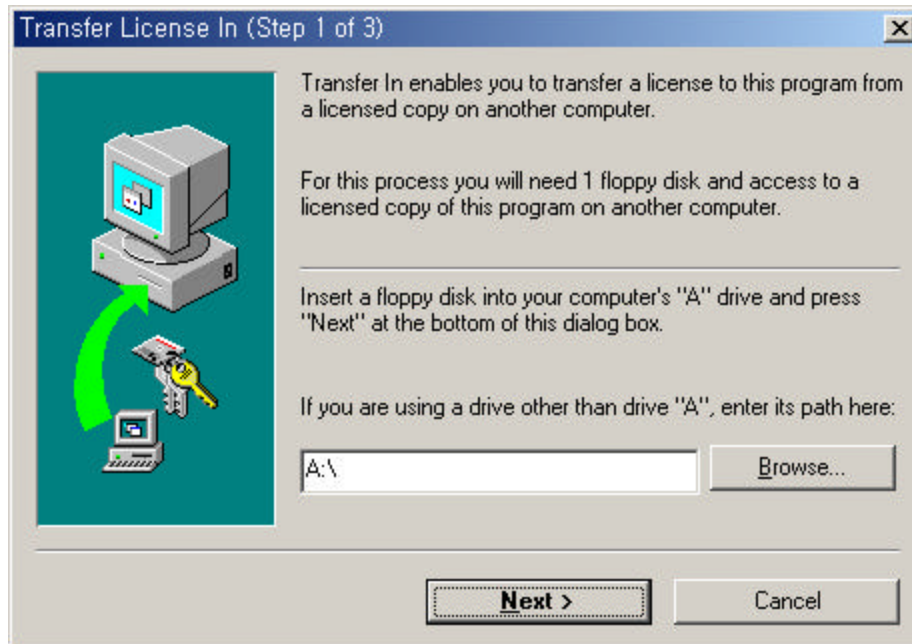
License Configuration , License 'Transfer in from another computer'



[78] Target

License Configuration

In (Step 1 of 3) , 'Transfer License
가 ,
, 'Next'



[79] Transfer License In (Step 1 of 3)

가
가



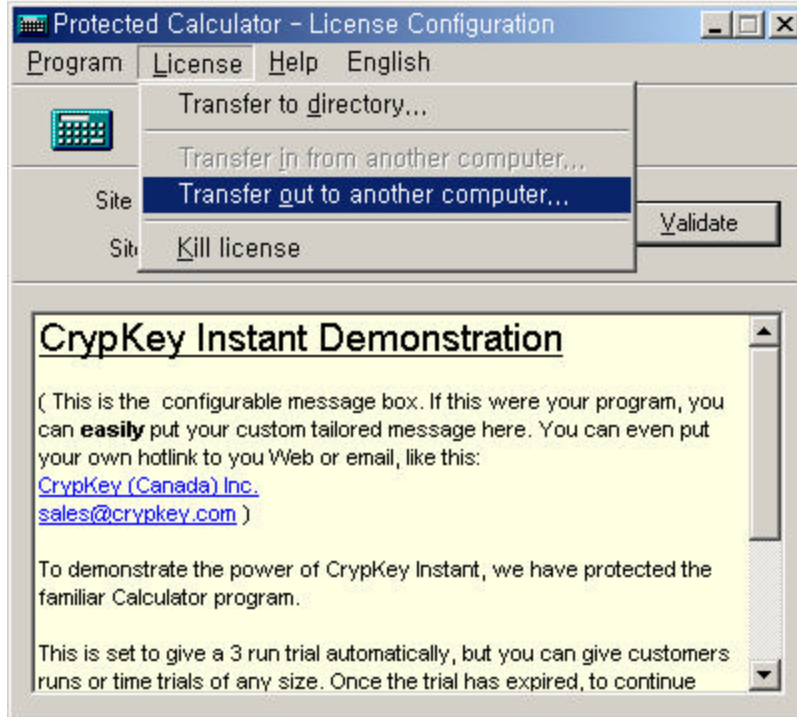
[80] Transfer License In (Step 2 of 3)

Target , 가
Target
가

, License Configuration

License Configuration

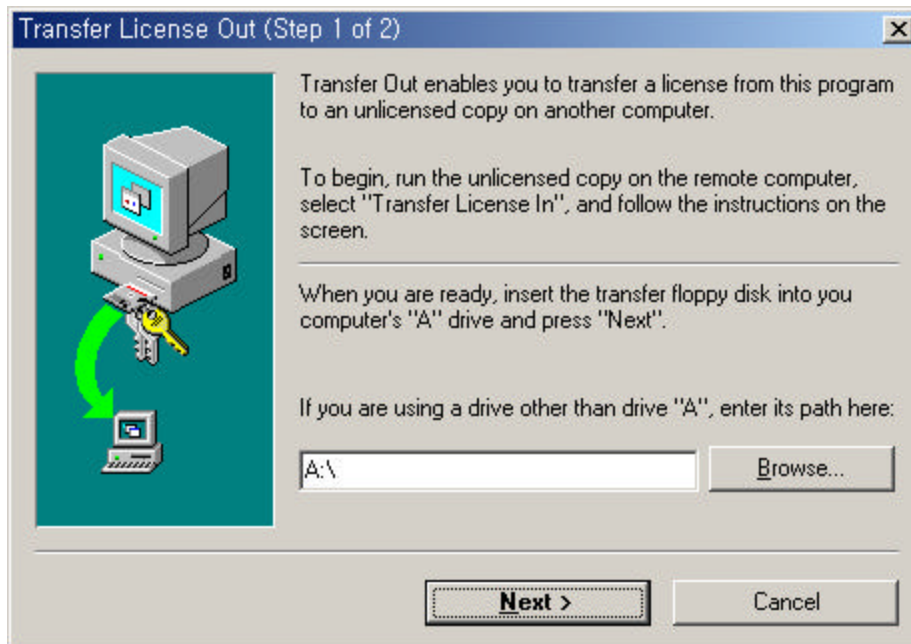
License 'Transfer out to another computer'



[81] License Transfer out to another computer

가

, 'Next'



[82] Transfer License Out (Step 1 of 2)

. 'Finish'

Transfer License Out

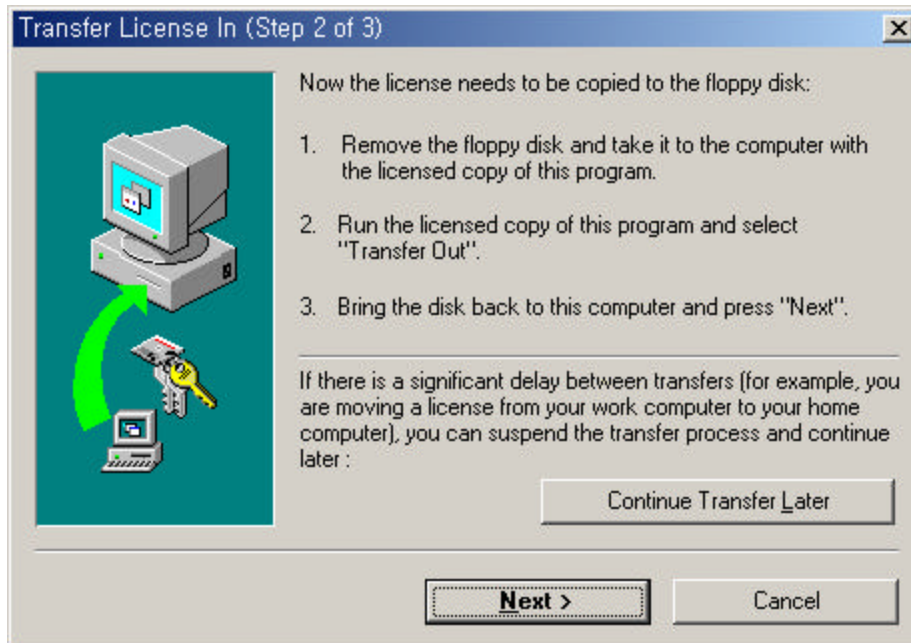


[83] Transfer License Out (Step 2 of 2)

가

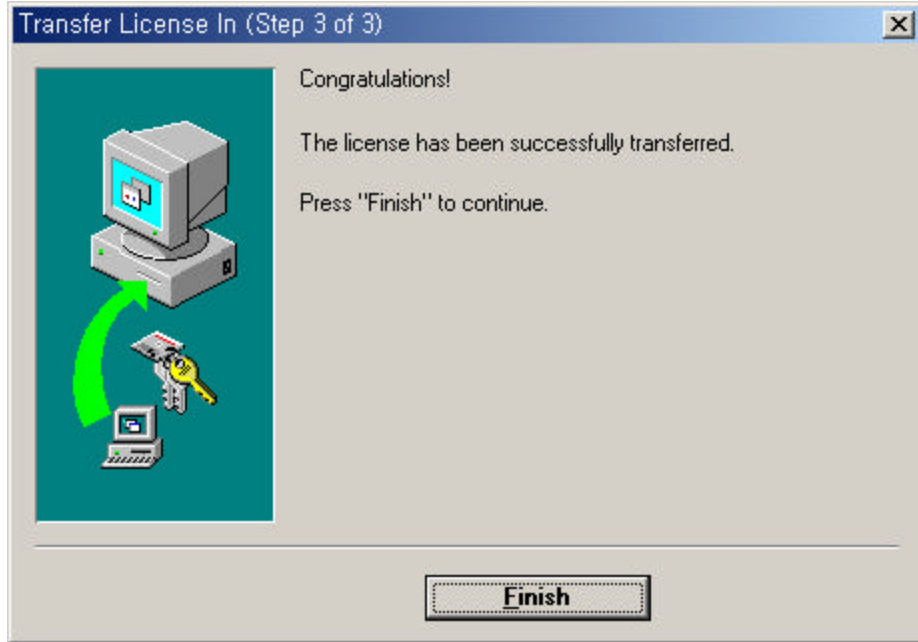
Target

, Transfer License In
가
'Next'



[84] Transfer License In (Step 2 of 3)

Transfer License In
가



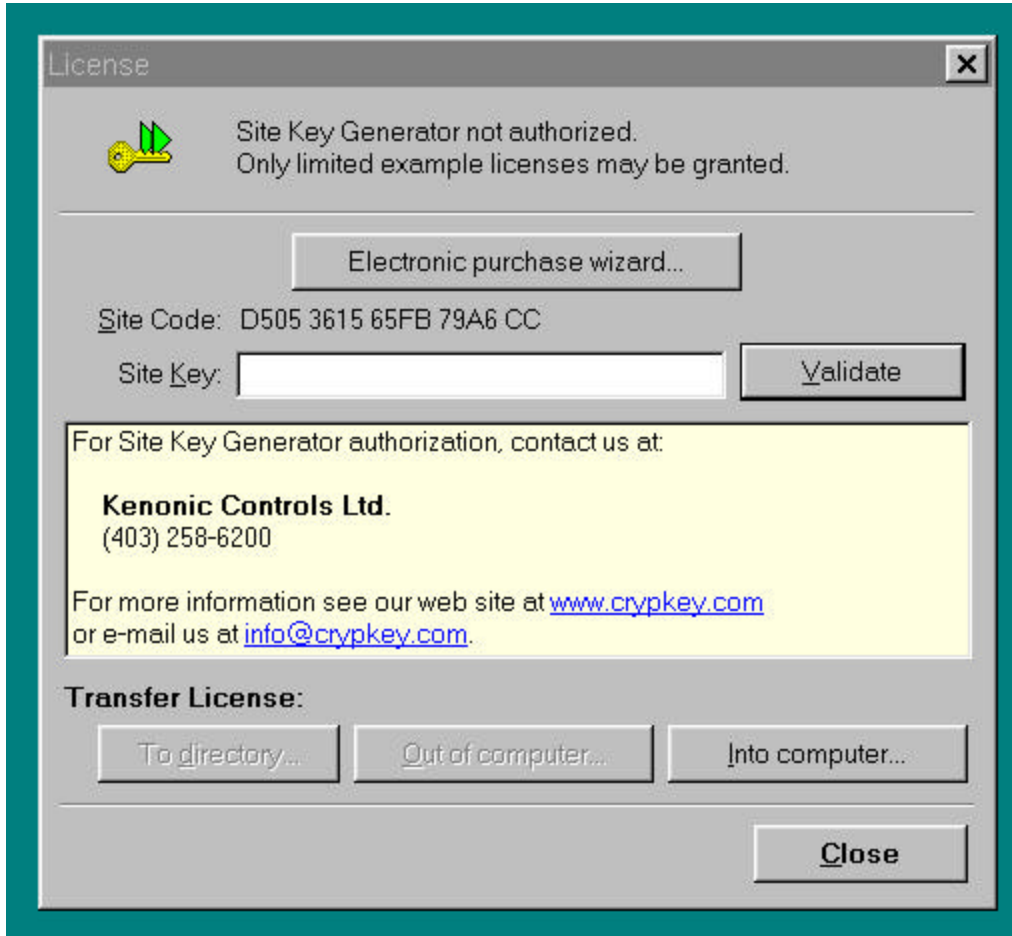
[85] Transfer License In (Step 3 of 3)

가

8.3 SiteKey Generator

SiteKey Generator

'License'



'To Directory'

8.1

-
- 1) Target SiteKey Generator . . .
 - 2) Target FDD 'License' 'Into
Computer' . . . ,
Source FDD .
 - 3) Source 'License' 'Out of Computer'
. , Source
SiteKey Generator '1'
가 .
 - 4) Source Target , Target 'Into Computer'
. .
SiteKey Generator Target 가 .



- 1) SiteKey Generator .

9.

9.1 CrypKey Instant 가?

		CrypKey
	PC PC 가	Email 가 , PC
		Email 가

		CrypKey
	. 가 , .	. 가 . 가 가 .
. 가	. 가 .	. 가 E mail .
	(, , Follow-Up) , 가 .	, Email , CrypKey Instant , 가 가 .
.	가 .	.

9.2 CrypKey가

HDD
ID

?

가 HDSN

9.3

/

가?

가

Overwriting

9.4

가?

, Product1
Crypkey

(, XXXX.exe)

9.5

HDD

Windows
Windows

?

가

HDSN

9.6

Clock

가?

가

가

Clock

Clock

Reboot

9.7 CD-ROM

CD-ROM

가 가 가?

CD-ROM

9.8 가?
 CrypKey , Crypkey Instant
 'Opeions' 32
 () ' '
 'InitCrypKey()' Call (,)
 Master Key User Key

9.9 Disk Compression 가?
 CrypKey Speed Disk, Norton Utilities Speed Disk
 Norton Utilities CrypKey
 "10.2 Norton Utilities Speed
 Disk "

9.10 Third-party 가?
 . Crypkey

9.11 Internet 가 가 가?
 , CrypKey Instant
 , Internet

9.12 32-Bit Access가 가 가?
 . CrypKey 3.3 32-Bit 가

9.13

가 가?

Windows OS

.

9.14 InstallShield

가?

Crypkey InstallShield

, Installer

.

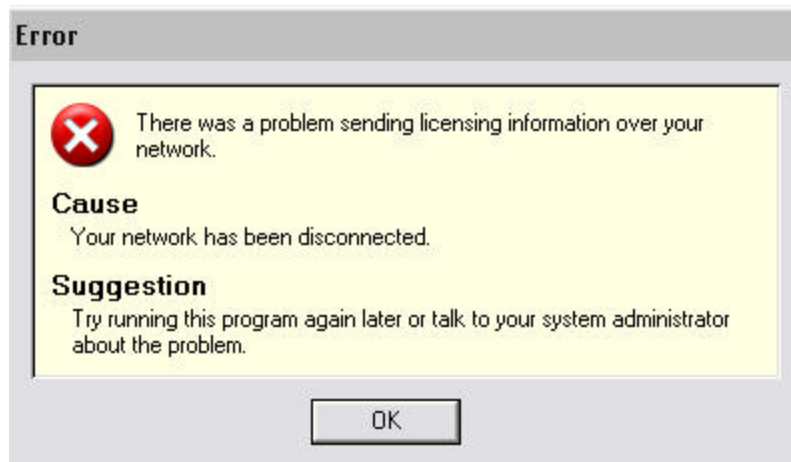
10.

10.1 CrypKey License Service

CrypKey Instant

Error Message

CrypKey License Service



[86] Network Disconnect Message

.ckn

INITIALIZATION FAILURE
NETWORK: NETWORK DRIVER APPEARS NOT TO BE SERVING IN
DIRECTORY(-102)

CrypKey 가 Crypkey
 . CrypKey
CrypKey
Windows NT
가 setupex.exe CrypKey

10.1.1

Crypkey

support@crypkey.com

-
- Crypkey Account Number
- 가
- /
-
- CrypKey
- CrypKey
- .ckn

10.1.2

1) Windows NT

Windows NT

WnNT

WinNT \ System32

'Error.log'

'Errorrd.log'

2) NetWare

) 'CKSERVE is not serving this directory'

가

- 'CKSERVER.NLM'

- 'Autoexec.ncf' 'CKSERVER.NLM'

-

-

가

)

NLM

'Novell clib.nlm'

'Undefined Symbol : _ '

가

- 'Novell patch libup5.exe'

Patch

- 'diretdfs.nlm'

- 'clin.nlm's'가

Shot down

Restart

10.2 Norton Utilities Speed Disk

HDD . Speed Disk
.ENT, .RST, .Key .41S
()

- - 1) Speed Disk File / Options / Customize / Unmovable File
 - 2) .ent, .rst, .key
 - 3) File / Options / Optimization / Save Profile

A

Crypkey 가?

CrypKey Copy -Protection Software License Control 가 S/W Tool-Kit , IBM, Motorola, Panasonic, Kodak, Minolta, GE, SEGA, Hewlett Packard, Sybase, Caterpillar 7,000 Site S/W Microsoft MSDN(Microsoft Developer Network)

- Hardware Key Disk Key , , , .
- PC H/W . .
- 가 가 , , 가 30 가 , 가 .
- Internet CD-ROM .
- .
- 30 .
- DOS, DOS 32 Bit, Win 3.X, Win32, Win95, Win98, WinNT, OS/2, Novell & Microsoft Network .

- CrypKey S/W Licensing 가
- 30 CrypKey .
- CrypKey Network (S/W가 Server Network Clients) .
 - Network 가
 - Network 가
 - S/W Network License PC가 .
 - Network License , S/W 가 가 .
 - Network License() 가

가

	Win9x	Win ME	Win NT	Win 2000	Win XP	NOVELL
Cki32h.dll	√	√	√	√	√	√
Cryp95e.dll	√	√			•	•
Crp9516e.dll	√	√			•	•
Ck16rmv.exe	√	√			•	•
Wckserve.exe	√	√				
Setupex.exe			√	√	√	
cks.exe			√	√	√	
Ckserver.nlm						√
Cki32h_?.dll	◆	◆	◆	◆	◆	◆
Cki_?.msg	◆	◆	◆	◆	◆	◆
Cki_?.bmp	◆	◆	◆	◆	◆	◆
Cklicens.hlp	◆	◆	◆	◆	◆	◆
Splash.int	◆	◆	◆	◆	◆	◆
Ck16?.dll	♣	♣	♣	♣	♣	♣
Ck16h_?.dll	♣	♣	♣	♣	♣	♣
Cknetwk.exe	♣	♣	♣	♣	♣	♣
Hdsn1.dll	♣	♣	♣	♣	♣	♣
Crp32001.ngn	√	√	√	√	√	√

◆ :

♣ : 16-Bit

√. : 32-Bit

•. : XP Home Edition/Pro

가

■ 16-Bit 32-Bit

5) CrypKey Protected Program (License Vendor가 CrypKey
CrypKey Password 가 가?

6) License Kill Site Key 가?

7) , 30 가 Demo Version 가
60 가

8) CrypKey 가? Site Code/Key,

9) CrypKey 가?
CrypKey Hard Drive Serial Number
, Unique State Dependence ,
Protected Program Hard Drive
Hard Drive
, H/W 가 가 Hard
Drive 가

10) CrypKey Hacker 가?

CrypKey Instant
CrypKey Instant

가

- Random Encryption :

Protected Program

가

CrypKey '

Hacker

CrypKey

CrypKey

Protected Program

- Math Challenge :

CrypKey Security Function Binary Code가

0 ' Error

Number Return , Complex Randomized Calculation '

가 Return

Hacker

Calculation

- Encryption and Cyclic Redundancy Checks(CRC) :

CRC

CrypKey SDK

Software Developer Kit(SDK) API

가

Instant가

AntiHacking Techniques '

11) CrypKey SDK CrypKey INSTANT 가?

CrypKey INSTANT

- 30 Recompile EXE ' Protection
EXE ' DLL ' .
- Protected EXE/DLL .
- CrypKey Library Call Write 가
Source Code Access 가 .
- 10 .

CrypKey SDK

- CrypKey DLL .
- CrypKey Instant .
- 가 , 3
~ 15 .

12) Protected Program
PC (, Hard-Drive , Windows)
Site Key :
Windows
(Hard-Drive
) Site Key Site
가

13) CrypKey Protection US Export Restrictions 가?
US Restrictions 時 Data Encoding Level
CrypWrap 가

14) CrypKey UpGrade 가 ?
Old Ver. New Ver.

15) CrypKey Mac UNIX 가?
UNIX Mac Simulated Windows CrypKey가

16) Site Code /Site Key
가?
가 ,
CASPER 가 ()

17) Distributor Authorizing License	가?		
가 CrypKey SDK	INSTANT		
OEM Site / Distributor		, 1,000 copy	
Distributor Authorizing License		, 1,000 Copy	
License 1 Copy	Site		1,000
Site	.		

B

1. CrypKey Instant

CrypKey Instant Ver. 5.7 Ver. 6.x

Hard Drive Serial Number (HDSN)

- HDSN 가
- HDSN
 1. Hard Drive Serial Number 가 .
 2. "Volume serial number" HDSN 가 .
 3. Ghost Hard Driver ,
가 HDSN

Easy License

-
- 가
- RTT(Ready to Try) 가
- 1 (Copy 가)
- .

Key Encryption

- | | | | |
|----------------|------------|------------|-----------------------------------|
| Encryption Key | Size | Master Key | "Dynamic Multiple encryption Key" |
| • Ver. 5.x | 16 -Bit | , Ver. 6.x | 32 -Bit |
| • Master Key | | | |
| Ver. 5.x | Master Key | | |

2A5D 57C4 1B4C 135B 457A FA3A 0D71 F275 C36A 44D1 341C
Ver. 6.x Master Key

F2C938D2D34678D2E9217C18D78EA6A8E466CF49520F92CDD1B6916BD
460D60E7C7B4CC7CC1750BD7188F90AC132B915E82FC8FA60A1D299DA
0F28EA3C66BD42DB0BE62149DAAEE4DBA55C0E70CE1C13BD343F8B75
73ABC1E7DA0695955AB2BD377F50A9BE29A04CF816B30CD171E1509AD
65100C999E52A35F45A215212A970

Anti-Hacking

Stealth

, Stealth

.

CrypKey Instant ver. 5.6 Ver. 5.7

CrypKey Protection

- () 가 .
- , , ()
- 10000 .
- 가 (WAN)
- CrypKey .
- (,) .
- RRT 100 127 가 .
- 20GB .
- Novell 가 .

CrypKey Instant Ver. 5.3

5.6

- .EXE CrypKey 가
• .EXE CrypKey DLL NT
가.
- , .
- CrypKey CrypKey Stealth 가
• Windows ME .
- - (.EXE) Stealthing ' 가
- 가 ,
가
- Patching ' .
- , Patch
, Stealth Patch
- - Input, Output 가
- Stealth .EXE 가 Runtime .

CD Copy

- CD Copy 가 가 .
- CD Copy 가 .
- 가.
- CrypKey 5.6 .CKN .
- .CKN , .
- 가
- VB COM DLL .
- FoxPro .
- DOS .
- '100' .
- SKW EasyKicense .
- Windows ME Win2000 CD Protection .
- Windows ME WCKSERVE.EXE 가 .
- CASPER.DLL .
- Extra Security(Hacker Key Generator) 가.
- Cki32g cki16g cki32h cki16h .
- Non-Code Stealth .
- "Run Maximized" Config Dialog Splash Screen ,

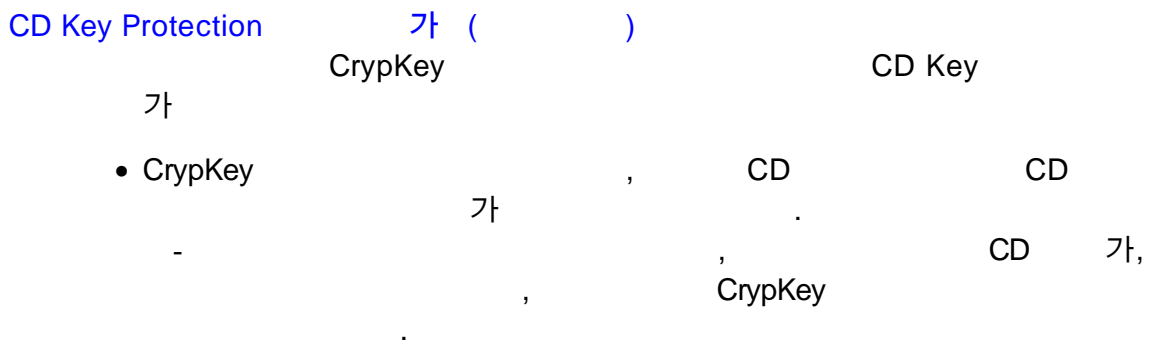
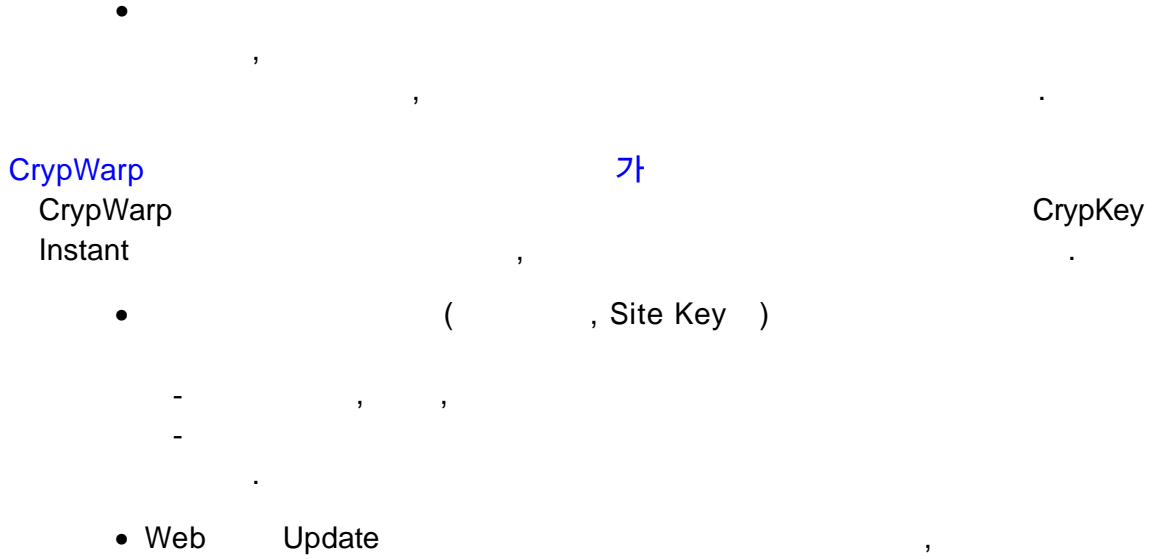
- Clock Tampering 가
- CrypKey lib
- NT Driver Extraction Timeout
- NT 가
- Ready - to - try ' .(Network
- DLL , DLL ,
- Lock ' ,
- 200 RTT
- CrypWrap

CrypKey Instant Ver. 5.0 Ver. 5.3

CrypKey File

CrypKey

- NT
- Update
- CrypKey 가
- DLL) / CrypKey (
- NT 가
- NT , NT
- 가 , Common File Directory Subdirectory
- 가 , HDD CD-ROM Write , CD-ROM



- CrypKey

- CD가 . 가 CD가 CrypKey 가
- . 가 , HDD Reformatting/ (, Windows),
- . 가 , CrypKey PC PC Transfer
CD

CrypKey Instant Ver. 4.3 Ver. 5.0

EXE ' DLL ' Protection 가
, CrypKey Instant Interface ' ,

가 가
Option ' , DLL
(, On/Off) ,

CrypWrap ' CrypKey Instant
가 CrypWrap ' ,
Encryption Wrapper ' ()
, 가

CrypKey STEALTH ' 가 가
(Reverse Engineering) 10 ' .

32 Bit SiteKey Generator
Configuration (,) GUI ,
INI ' .

CASPER ' ()
, CrypKey Instant/SDK

2. CrypKey SDK

CrypKey SDK Ver. 5.7 Ver 6.x

Hard Drive Serial Number (HDSN)

HDSN

가

- HDSN

1. Hard Drive Serial Number 가 .
2. "Volume serial number" HDSN 가 .
3. Ghost Hard Driver ,
가 HDSN

Easy License

-
- 가
- RTT(Ready to Try) 가
- 1 (Copy 가)
-

Key Encryption

Encryption Key	Size	Master Key	"Dynamic Multiple encryption Key"
----------------	------	------------	-----------------------------------

- Ver. 5.x 16 -Bit , Ver. 6.x 32 -Bit

- Master Key

Ver. 5.x Master Key

2A5D 57C4 1B4C 135B 457A FA3A 0D71 F275 C36A 44D1 341C

Ver. 6.x Master Key

F2C938D2D34678D2E9217C18D78EA6A8E466CF49520F92CDD1B6916BD

460D60E7C7B4CC7CC1750BD7188F90AC132B915E82FC8FA60A1D299DA
0F28EA3C66BD42DB0BE62149DAAEE4DBA55C0E70CE1C13BD343F8B75
73ABC1E7DA0695955AB2BD377F50A9BE29A04CF816B30CD171E1509AD
65100C999E52A35F45A215212A970

Anti-Hacking

Stealth

, Stealth

XP

SDK

- XP ,
- -100
- Nevell -101
- Cryp32.dll.dll Snapshot

CrypKey SDK Ver. 5.6

Ver.5.7

- NTStealth NT
-
- 가
 - CrypKey
 - (,)
 - NT driver
SETUPEX.EXE & CKS.EXE
 - Win9X
WCKSERVE.EXE
- Stealth , .EXE CrypKey
- Extra Check
- Novell
- Lcrypky7.lib
- crp32dll.dll

CrypKey SDK Ver. 5.5 Ver. 5.6

DLL CRC

- 가 Errorcode 가
- CRC
- Crypkey.h InitCrypKey()

• DLL 가

CrypKey

(.ckn)

가

가

CrypKey

가

CrypKey

가

- AcquireLicense()
CrypKey

(DirectTransfer()

)

가

-

가

- CrypKey

- FloatingLicenseSnapshot()
Network 가

CrypKey CrypKey Stealth 가

- Windows ME
- - (.EXE) Stealthing ' 가
- - 가 , 가
- - Patching ' , Patch Patch
- - Input, Output 가
- , Stealth 가
- 1) User Interface Stealth(Stelthui.exe)
Input Output 가

2) Command Line Stealth(Stelthcm.exe)

가

Stealth

가

Stealth

Input

Output

Commandline Parameter

가

- Disk Size 500MB

CrypKey SDK Ver. 5.2

Ver. 5.5

- Windows ME
- SiteKeys Extra Security 가.
- CRP32DLL.DLL 가.
가 '14 CRP32DLL.DLL '
- InitCrypKey() ErrorCode 가.
- 32 Bit CKChallenge32() 가.
- Ready to Try ' Windows 98 20 '
- NT Clock Setback Check 가
'21(false) '
- CRYPSEV.EXE가
- SETUP_CK.DLL
- NT
- 가 Extra CRC Security 가.
- Password 가
- NT 가 NT

CrypKey SDK Ver. 5.0 Ver. 5.2

VC VB CrypKey COM Object가 COM-Object

NT

- Transfer 가
- NT Cold Reboot , 가 가
- SKW DAL(Distributor Authorizing License)
- SKW Level
- Novell NLM

-
- Stealth : EXE DLL , Hacking (SiteKey Generator, 32 Bit DLL, CRP 32 DLL)
- Thunk DLL CRC
- 16 Bit Thunk DLL : Random Named File

- Thunk DLL : 가 DLL

-
- NT 가 : / , RTT

- Think DLL , ,
CrypKey ,
- , Think DLL 가
가 가
- DLL ,
- , NT
- Restriction Fiie CRC
- NT
- NT ,
- 400% 가
- NT Update , Tamper
Detection ' 가
- NT Setup Uninstall 가
- SiteKey Generator
 - .
 -
 - INI , Configuration 가
 - CrypKey (Password)
 - 16/32 Bit, C, Visual Basic, Access, Delphi Sample Source Code

CrypKey SDK 5.2

- Microsoft C++ 6.0, 6.0 8.0
- Microsoft Visual C++ 1.5, 2.X, 4.X, 5.X 6.X
- Borland C++ 4.X
- Borland C/C++ 3.X
- MS -DOS External Linking , 16 32 Bit Windows DLL
:
- Microsoft Visual Basic, Microsoft FoxPro, Microsoft Access, CA Clipper,
Borland Delphi, Borland Visual dBASE, Borland Paradox Powersoft
PowerBuilder
- 16/32 Bit, C, Visual Basic, Access, Delphi 가
Sample Code

