

KIM Installation for B·R·A·H·M·S KRYPTOR systems

Initial conditions:

- KRYPTOR Software is in operational condition.
- The License number has been ordered following the KIM license ordering SOP.
- **B·R·A·H·M·S KRYPTOR compact** with XPC running under Windows XP or Windows 7 operating systems,
- **B·R·A·H·M·S KRYPTOR compact PLUS** with XPC running under Windows XP or Windows 7 operating systems,
- **B·R·A·H·M·S KRYPTOR** with XPC running under **Windows 98 operating system only**

In the following document you will find:

Chapter 1 – KIM installation

- Step 1: Check your configuration
- Step 2: Pilote un-installation
- Step 3: KIM installation
- Step 4: LIS activation for KRYPTOR systems
- Step 5: klis.ini Setup.
- Step 6: Shortcut for Windows 98 when use of KIM
- Step 7: Optional shortcuts for automatic launch of KIM.exe
- Step 8: Check KIM properties

Chapter 2 – License registration

Before starting, please make sure that all running programs on XPC computer (XPC32, FIA_QC32, KIM...) are closed.

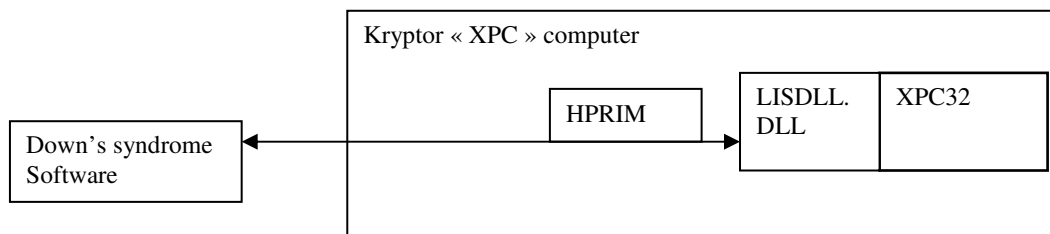
Chapter 3 – Specific settings for sending QC results to LIS

Chapter 1 – KIM installation

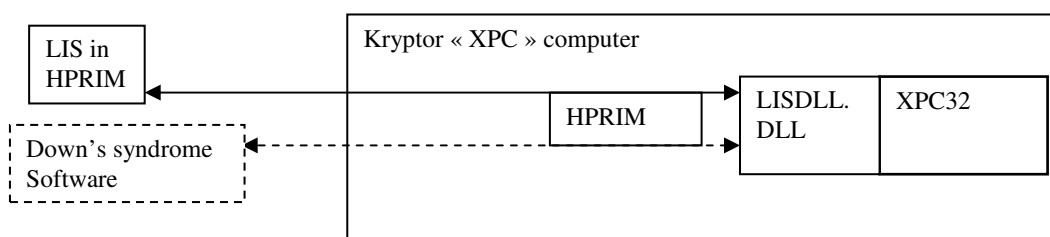
• Step 1: Check your configuration

Please check the following configurations. Indeed, the installation procedure depends on your configuration.

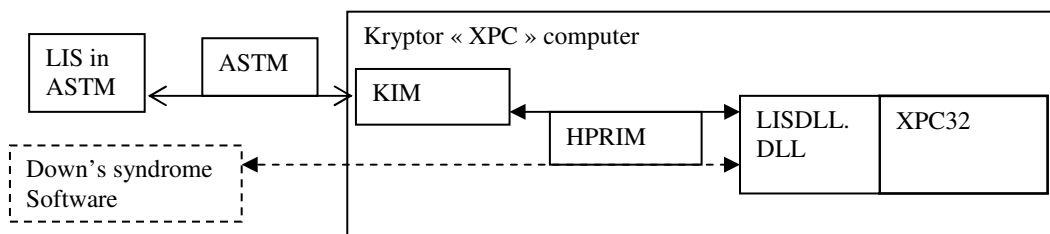
• Case 1: no LIS: Go Steps 2 to 5



• Case 2: LIS in HPRIM: Go to Steps 2 to 5



• Case 3: LIS in ASTM: Go to Steps 2 to 8



• Step 2: Pilote un-installation: only for KRYPTOR system running with windows 98 and BYG-Pilote installed

1. Remove the shortcut to Pilote.exe under "c:\windows\Start Menu\Programs\Startup".
2. If the Pilote was in configuration 2 or 3, remove the shortcut to K3.exe under "c:\windows\Start Menu\Programs\Startup".

Note : Be careful if you switch from Pilote software to KIM, that the secondary unit will be sent to LIS whereas it was not possible with Pilote (except if K3 was installed for this matter). Do not forget to inform your customer.

• Step 3: KIM Installation

1. With the explorer, open the installation media and double click on KLIS 2.0.4 folder.
2. Select the "setup.exe" file, and double-click on it to run this program: the installation starts.

3. The installation runs and will close automatically.

In case of update of existing version, installation is over.

If you use the configuration with **several** sites connected on the **same** channel, refer to multi-sites specific procedure (Multi-sites specific procedure KC- KC+-KclassicWin98.docx).

- **Step 4: LIS activation for KRYPTOR systems**

1. Edit "c:\windows\fia.ini" file.
2. Go to the [MAIL] section.
 - a. Ensure that the key MapiUse is set to 0 (modify if necessary)
 - b. Ensure that the key UseLis is set to 1 (modify if necessary)
3. Kryptor LIS preferences
 - a. Go to [PC] section
 - b. Ensure that key SendLISRejects is set to 0
 - c. Ensure that key SendLISCancels is set to 0
 - d. Ensure that key SendLISFails is set to 0
4. In case you have no LIS connected, but Down's syndrome software only, apply the following points, otherwise, jump to point 5.
 - a. Go to [PC] section
 - b. Ensure that key SendLisControl is set to 0 or does not exist.
 - c. Go to [Query] section
 - d. Ensure that key QueryOn is set to 0
5. Save and close file.

- **Step 5: Setup in c:\windows\klis.ini**

LISDLL settings are defined in the "klis.ini" file, located under c:\windows.

The default value for the setup of the HIGHRES value has to be confirmed with the customer.

Note: If you have both LIS **and** Down's syndrome software apply **Step 5a**.

If you have only the LIS software **or** the Down's syndrome software apply **Step 5b**.

If you use the configuration with **several** sites connected on the **same** channel, refer to multi-sites specific procedure (Multi-sites specific procedure KC- KC+-KclassicWin98.docx).

- **5a. Case of LIS and Down's syndrome software :**

If you need the KIM for ASTM protocol, it should be connected to the channel 0 (otherwise the Query will not work).

The klis.ini installed by default is set for LIS on channel 0 and Down's syndrome software on channel 1:

```
[CHANNELSINFO]
NROFCHANNELS=2
REPORTCHANNEL0=0
```

```
[LISCHANNEL0]
HostRecPath=c:\klis\download
```

HostSendPath=c:\klis\upload
 HostName=KRYPTOR
 AnalyserName=LIS
 ParsedDataFolder=c:\KLIS\ParsedData

LOWRES=0
 HIGHRES=999999999

[DOWNLOADTEST0] Section to convert an analyte name from LIS to Kryptor: e.g. Euclide codes. Kryptor Panel names are allowed. If a panel in Kryptor has same name as an analyte, the panel has priority on analyte. Section must be empty if analyte names are same on LIS and Kryptor.
 e.g. ALPHAFETOPROTEIN=AFP

[UPLOADTEST0] Section to convert an analyte name from Kryptor to LIS: e.g. Euclide codes. Section must be empty if analyte names are same on LIS and Kryptor.
 e.g. AFP=ALPHAFETOPROTEIN

[LISCHANNEL1]
 HostRecPath=c:\klis\from_FS
 HostSendPath=c:\klis\to_FS
 HostName=KRYPTOR
 AnalyserName=FASTSCREEN
 ParsedDataFolder=c:\klis\ParsedData

LOWRES=0
 HIGHRES=999999999

[DOWNLOADTEST1]

[UPLOADTEST1]

○ 5b. Case of LIS software or the Down's syndrome software

If you are installing a single Down's syndrome software connection, klis.ini file should be modified as follow:

[CHANNELSINFO]
 NROFCHANNELS=1
 REPORTCHANNEL0=0

Number of channel needs to be modified from 2 to 1

[LISCHANNEL0]
 HostRecPath=c:\klis\download

path where to get data from LIS or Down's syndrome software (check consistency with DS SW settings)

HostSendPath=c:\klis\upload

path where to send data to LIS or Down's syndrome software (check consistency with DS SW settings)

HostName=KRYPTOR

Name of local device

AnalyserName= FASTSCREEN

Name of remote device

ParsedDataFolder=c:\KLIS\ParsedData

Where to find parsed data from host messages (do not modify)

LOWRES=0
 HIGHRES=999999999

[DOWNLOADTEST0]

Section to convert an analyte name from LIS to Kryptor: e.g. Euclide codes. Kryptor Panel names are allowed. If a panel in Kryptor has same name as an analyte, the panel has priority on analyte. Section must be empty if analyte names are same on LIS and Kryptor.
e.g. ALPHAFETOPROTEIN=AFP

[UPLOADTEST0]

Section to convert an analyte name from Kryptor to LIS: e.g. Euclide codes. Section must be empty if analyte names are same on LIS and Kryptor.
e.g. AFP=ALPHAFETOPROTEIN

Sections [LISCHANNEL1], [DOWNLOADTEST1] and [UPLOADTEST1] can be ignored.

If you are on configuration 1 or 2, setup is over. Go to "Chapter 2 – License registration".

Step 6: Create a shortcut for Windows 98

Caution: Skip this stage if your XPC is running under Windows XP or Windows 7 operating systems, or if you are installing a single Down's syndrome software connection.

Create a shortcut from "c:\Program Files\KIM\KIM.exe" program and copy it into "c:\windows\Desktop" folder.

Step 7: Optional shortcuts for automatic launch of KIM.exe at PC startup

Skip this stage if you are installing a single connection to Down's syndrome software or if you don't want KIM to start automatically.

➤ **For Windows 7:**

Create a shortcut from "c:\Program Files\KIM\KIM.exe" program and copy it into "C:\Users\User\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup" folder.

➤ **For Windows XP:**

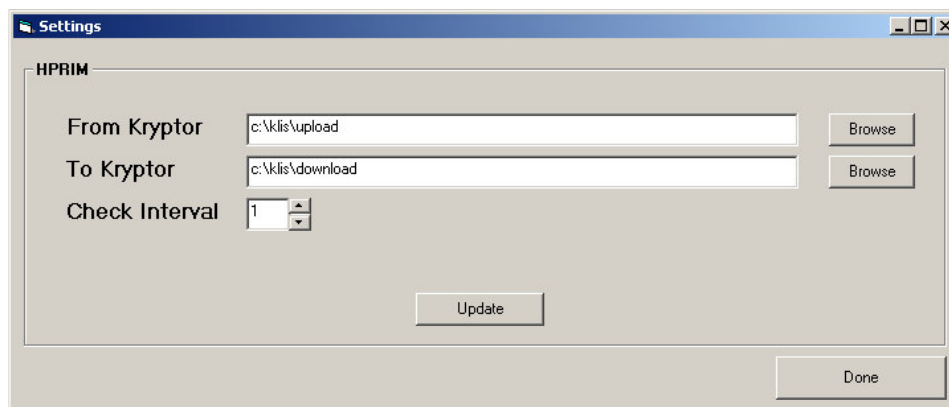
Create a shortcut from "c:\Program Files\KIM\KIM.exe" program and copy it into "c:\Documents and Settings\All users\Start Menu\Programs\Startup" folder.

➤ **For Windows 98:**

Create a shortcut from "c:\Program Files\KIM\KIM.exe" program and copy it into "c:\windows\Start Menu\Programs\Startup" folder.

Step 8: Check KIM properties – skip this stage if no LIS connected

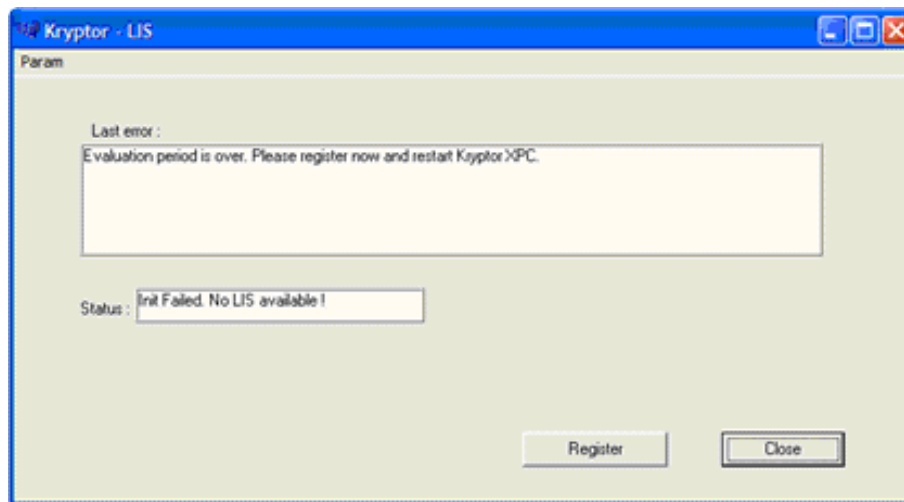
1. Run the KIM.EXE program (located in c:\program files\KIM).
2. Open Settings Window (Properties/Properties function)
3. Settings window should be displayed as below :



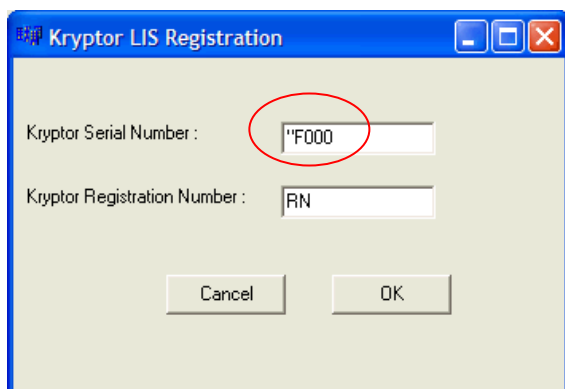
4. If necessary, modify "From Kryptor" field to **c:\klis\upload**, and "To Kryptor" field to **c:\klis\download**, then click "Update"
5. Click done.

Chapter 2 – License registration

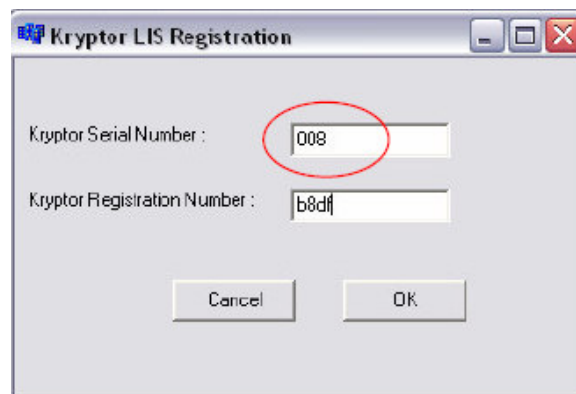
1. Run the KRYPTOR or the KRYPTOR compact interface. The following window appears:



1. Click on Register button. The instrument serial number is automatically displayed. Enter the license number in the Kryptor Registration Number box and click OK.
2. If the Kryptor Serial Number doesn't correctly appear (like in the following window) :



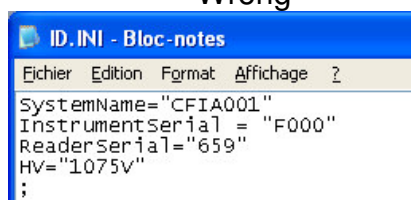
or



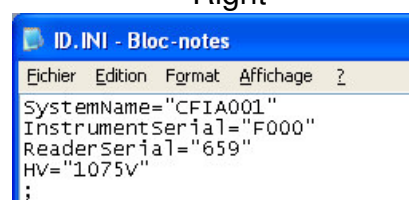
Go under I:\Fia\ (for KRYPTOR classic) or c:\KCSW\KCINI (for KRYPTOR compact or compact PLUS) and open the ID.INI file.

Delete the space around "=" and add the double quote around the serial number if they are missing.

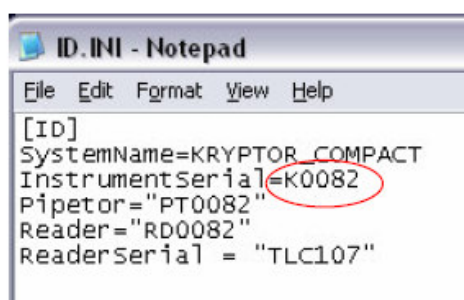
Wrong



Right

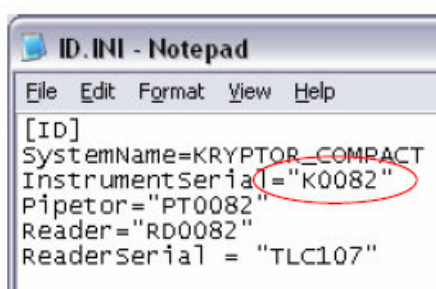


Wrong



```
[ID]
SystemName=KRYPTOR_COMPACT
InstrumentSerial=K0082
Pipetor='PT0082'
Reader='RD0082'
Readerserial = 'TLC107'
```

Right



```
[ID]
SystemName=KRYPTOR_COMPACT
InstrumentSerial='K0082'
Pipetor='PT0082'
Reader='RD0082'
Readerserial = 'TLC107'
```

Save modification and close ID.INI file.
Start the registration procedure again.

Remark : If you have a UK keyboard, you may have trouble to locate the double-quote – the double-quote is at the @ location.

Chapter 3 – Specific settings for sending QC results to LIS

In case you have a connection to LIS and no connection to Down's syndrome software, you have the possibility to transmit QC results to LIS.

The transmission of QC results to LIS is possible by doing the following actions:

- Open the "fia.ini" file which is located in C:\Windows.
- Add the line "SendLISControl=1" in section [PC] of the file
- Check that "AvgQCReps" is equal to 0 in section [PC] of this file (otherwise change it from 1 to 0).
- Save modification and close "fia.ini" file