applied biosystems

Applied Biosystems[™] RapidHIT[™] ID System Software v1.1.3 Instrument Upgrade Installer workflow

Pre-Conditions:

- 1. No sample runs should be in progress
- 2. No cartridge should be inserted in the instrument
- 3. RapidHIT[™] ID System Software needs to be updated before the RapidLINK software upgrade
- 4. RapidLINK and RapidHIT ID are connected via Wired network connection
- 5. The instrument being upgraded needs to have an online status in the RapidLINK software
- 6. Download the installer and save it on the USB drive
- 7. Insert the USB drive in the front port of the instrument

Upgrade Steps:

- 1. Open the RapidLINK application
- 2. Click on the 'Map or Machines' tab when the application is launched



3. If map view is configured, continue with step 3.1 and 3.2, if not, move to step 4



Note: The instrument has to be online (map pin green/yellow) in order to proceed.

 3.2 Click on the desired Instrument ID which you want to upgrade and skip step 4 and move to step 5



4. If list view is configured, then click on the desired Instrument ID which you want to upgrade from the list view



5. Click on the icon to access the RapidHIT ID instrument you are upgrading

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|-----------|-------------------------|-------------------------------|--------------------|-----------------|----------------------|-------------|-------------|---------|
| đ | LOCATION Sunol | SERIAL # RHID-0251 | 10 9 8 8 67 | | Runs Per Day | | | |
| | SAMPLES REM 10 | AINING PROJECTEI 01/07/202 | D RUN OUT TIME | Sat Sun Mon 1 | 2 Tue Wed Thu Fri | Sat Sun Mon | Tue Wed The | ı Today |
| | | | | Export to PDF | Export to CSV | | | |
| REVIEW | DATE:TIME | SAMPLE ID | CARTRIDGE AND CHEM | IISTRY LOCATION | SERIAL # | USER | 8 | AUDIT |
| \otimes | 10/23/2019 1:12:37 PM | ABRI_NEW_THRESHOLD | AB RI | Sunol | RHID-0251 | Admin | | |
| | 10/03/0010 13:00:00 011 | CEE CAMPLEDINI DAVO CEE | SAMPLE ACE GEE | Sunol | RHID-0251 | Admin | | |
| \otimes | 10/23/2019 12:06:00 PM | GFE_SAMPLERON_DATS_GFE | interest interests | | | | | |

6. When the instrument is displayed, click on " The icon
Solution: Tight/NC Viewer
<

navigate to USB drive

7. Select the 'All Programs' view on the bottom left corner of the screen and choose 'Computer' to navigate to all drives

Note: User may have to use the scroll bar to scroll up/down to view the below screen.



8. Navigate to and open the removable storage drive directory and double click on the ABRHID_v1.1.3.exe



9. Accept the license agreement by selecting the radio button 'I accept the agreement 'and click on Next.

| 1 | Setup - ABRHID v1.1.3 version 1.1.3 | |
|----|---|--------|
| | License Agreement Please read the following important information before continuing. | |
| | Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation. | |
| l. | LIFE TECHNOLOGIES CORPORATION END USER LICENSE AGREEMENT | - |
| | FOR APPLIED BIOSYSTEMS [™] RAPIDHIT "TID VERSION 1.1.3 INSTRUMENT OPERATING SOFTWARE | |
| | NOTICE TO USER: PLEASE READ THIS DOCUMENT CAREFULLY. THIS IS THE CONTRACT BETWEEN YOU AND LIFE TECHNOLOGIES CORPORATION ("LIFE TECHNOLOGIES") REGARDING THE OPERATING SOFTWARE FOR YOUR LIFE TECHNOLOGIES WORKSTATION OR OTHER INSTRUMENT AND BUNDLED SOFTWARE INSTALLED WITH YOUR OPERATING SOFTWARE. THIS AGREEMENT | • |
| | ○ I accept the agreement | |
| | I do not accept the agreement | |
| | Next > | Cancel |

10. On the Setup Screen Click 'Install' to continue

| Ready to Install Setup is now ready to begin installing ABRHID v1.1.3 on y | your computer. |
|---|----------------|
| Click Install to continue with the installation. | |
| | |
| | |
| | |
| S < Back | Install Cancel |

11. During install user will see below screens

| Setup - ABRHID v1.1.3 version 1.1.3 | _ 🗆 🗙 |
|---|--------------------|
| Installing | |
| Place wait while Set in installs ARPHID v1 1 3 on your computer | |
| Piease wait while Setup installs Abitito v1.1.5 on your computer. | |
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| | Cancel |
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| | |
| C\Windows\system32\cmd.exe | <u>_ 0 ×</u> |
| | |
| C:\USePs\John\HppData\Local\lemp\1s=nVMkn.tmp>pusha "C:\temp\gu | l1-sec" |
| C:\temp\gui-sec>cmd.exe /c gui_sec_V1001_4_78.exe -fwdownload I |)annoFW_V1001_4_78 |
| . 109 | |
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| Status System Bootloader Motors Motors Main Firmware Rev ?? Mezz Firmware Rev ?? | Tests PCR TECs | | <u></u> |
|---|--|-------------------------|---|
| Main Board FW Update | ootioader | Mezz Board Reboot | FW Update |
| Verify CRC Unvertie Download 0 | d | | Unverfied |
| | | | |
| | | | |
| | | | |
| v 1001.4.78 U M | SB Status: Connected lezz Board: Connected lezz Comm: OK | Cartridge: Not Inserted | BEC Interlock: Closed BEC : Inserted |
| | | | |

If you have user profiles that contain facial recognition for authentication, procced to step 12.B to save your user profiles with facial recognition. For others, continue with Step 12.A

12. A. Select the option to 'Yes, restart the computer now' when below message is displayed and click on Finish

Note: Restart is required to successfully complete the upgrade



12. B. Select the option 'No, I will restart the computer later' when below message is displayed and click on Finish



a. Navigate to F:\backup

Pick the folder with the latest timestamp F:\backup*recent Backup directory* From that folder, navigate to \d\DannoGUI.. directory as shown in the picture below and Copy IDs folder and IXTracker.dat file

|)-[| Computer + scratch (F:) + Backup + Backup | ckup_2020-03-11 17.40.20 | • d • DannoGUI • | - 03 | Search | D. |
|-----|---|--------------------------|-----------------------|-----------|--------|----|
| | Include in library - Share with - New | v folder | | | • = | E |
| Г | Name * | Date modified | Туре | Size | 1 | |
| | 🌗 IDs 🛛 🤁 | 3/11/2020 5:40 PM | File folder | | | |
| | 3 Resources | 3/11/2020 5:40 PM | File folder | | | |
| | BasicDLL.dll | 2/13/2019 11:48 AM | Application extension | 10 KB | | |
| | BasicWrapper.dll | 2/13/2019 11:48 AM | Application extension | 8 KB | | |
| | Danno.config | 2/13/2019 11:48 AM | CONFIG File | 1 KB | | |
| | DannoAppConfig.xml | 6/19/2019 4:49 PM | XML Document | 2 KB | | |
| | Z DannoGUI.exe | 7/31/2019 9:00 AM | Application | 15,588 KB | | |
| | DannoGUI.exe.config | 3/11/2020 5:16 PM | CONFIG File | 10 KB | | |
| | DannoLog_031120 1720.log | 3/11/2020 5:22 PM | Text Document | 4 KB | | |
| | DannoLog_031120 1723.log | 3/11/2020 5:25 PM | Text Document | 4 KB | | |
| | DannoLog_031120 1726.log | 3/11/2020 5:38 PM | Text Document | 283 KB | | |
| | DannoPendingHttpResponses | 3/6/2020 5:12 PM | File | 0 KB | | |
| | DannoPendingRunUpload | 1/20/2020 6:48 PM | File | 0 KB | | |
| | DannoUserConfig.xml | 3/11/2020 5:32 PM | XML Document | 7 KB | | |
| | DirectShowLib-2005.dll | 2/13/2019 11:48 AM | Application extension | 296 KB | | |
| | FaceSDK.NET.dll | 2/13/2019 11:48 AM | Application extension | 17,258 KB | | |
| | S Ionic.Zip.dll | 2/13/2019 11:48 AM | Application extension | 452 KB | | |
| | IXDannoRunLogs.xml | 3/6/2020 5:12 PM | XML Document | 26 KB | | |
| | 🚳 IXI.Danno.Configuration.dll | 2/13/2019 11:48 AM | Application extension | 8 KB | | |
| | IXI.Danno.Consumables.dll | 4/22/2019 3:12 PM | Application extension | 92 KB | | |
| | 🚳 IXI.Danno.Core.dll | 2/13/2019 11:48 AM | Application extension | 24 KB | | |
| | 🚳 IXI.Danno.Instrument.dll | 2/13/2019 11:48 AM | Application extension | 146 KB | | |
| | 📄 IXTracker.dat < | 3/11/2020 5:38 PM | DAT File | 157 KB | | |
| | Neodynamic.SDK.BarcodeReader.dll | 2/13/2019 11:48 AM | Application extension | 106 KB | | |
| | Peodynamic.SDK.BarcodeReader.xml | 2/13/2019 11:48 AM | XML Document | 30 KB | | |

- b. Navigate to D:\DannoGUI
- c. Replace the copied files

| 0 | - Computer + rhid (D:) + DannoGUI + | | | | • Search (| J |
|----------|--|--------------------|-----------|-------------|--------------|---|
| panize 🖣 | Include in library Share with Nev | v folder | | | | |
| <u>_</u> | □ Name - | Date modified | Size | Туре | File version | |
| | 📕 IDs | 3/11/2020 6:17 PM | | File folder | | |
| | 📕 Resources | 3/11/2020 5:41 PM | | File folder | | |
| | BasicDLL.dll | 2/13/2019 10:48 AM | 10 KB | Application | | |
| | BasicWrapper.dll | 2/13/2019 10:48 AM | 8 KB | Application | 3.3.7.0 | |
| | Danno.config | 2/13/2019 10:48 AM | 1 KB | CONFIG File | | |
| 1 | DannoAppConfig.xml | 11/4/2019 11:29 AM | 2 KB | XML Docum | | |
| 1 | % DannoGUI.exe | 11/13/2019 5:22 AM | 15,551 KB | Application | 1.1.0.273 | |
| 10 | DannoGUI.exe.config | 3/11/2020 5:43 PM | 11 KB | CONFIG File | | |
| | DannoLog_031120 1758.log | 3/11/2020 6:14 PM | 21 KB | Text Docu | | |
| 6 | DannoLog_031120 1816.log | 3/13/2020 3:20 PM | 807 KB | Text Docu | | |
| 4 | DannoPendingRunUpload | 1/20/2020 6:48 PM | 0 KB | File | | |
| | DannoUserConfig.xml | 3/11/2020 6:36 PM | 8 KB | XML Docum | | |
| 1 | S DirectShowLib-2005.dl | 2/13/2019 10:48 AM | 296 KB | Application | 2.1.0.0 | |
| | FaceSDK.NET.dll | 2/13/2019 10:48 AM | 17,258 KB | Application | 6.0.0.0 | |
| | 🚳 Ionic.Zip.dl | 2/13/2019 10:48 AM | 452 KB | Application | 1.9.1.8 | |
| | Di Di Danno Run Logs. xml | 3/6/2020 5:12 PM | 26 KB | XML Docum | | |
| | NI.Danno.Configuration.dll | 2/13/2019 10:48 AM | 8 KB | Application | 3.3.7.0 | |
| | IXI.Danno.Consumables.dll | 4/22/2019 2:12 PM | 92 KB | Application | 3.3.25.0 | |
| | 🚳 IXI.Danno.Core.dll | 2/13/2019 10:48 AM | 24 KB | Application | 3.3.7.0 | |
| | 🚳 IXI.Danno.Instrument.dl | 2/13/2019 10:48 AM | 146 KB | Application | 3.3.7.0 | |
| | DIXTracker.dat | 3/11/2020 6:17 PM | 157 KB | DAT File | | |
| 50 | Neodynamic.SDK.BarcodeReader.dl | 2/13/2019 10:48 AM | 106 KB | Application | 1.0.2000.1 | |
| | Neodynamic.SDK.BarcodeReader.xml | 2/13/2019 10:48 AM | 30 KB | XML Docum | | |
| | 🚳 Newtonsoft. Json.dl | 10/16/2018 7:20 AM | 399 KB | Application | 4.5.11.15520 | |

d. Shutdown and restart the instrument

Verify upgrade installation:

1. After restarting, log in as an Admin user and click on the **second** icon to acce

icon to access the system menu



- 2. Click on the **icon** to reach system settings.
- 3. Verify the software version number displayed on the settings screen is v1.1.3

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