Release Note
NOAHlink v.1.56.05

Includes NOAHlink Kernel 1.55.03

HIMSA 01-07-2013

Thank you for purchasing NOAHlink software. This document includes last minute information on NOAHlink, including sections on:

- compatibility issues
- user documentation
- known problems and issues
- getting support

Please read the NOAHlink Users guide before you install NOAHlink.

Changes from v.1.56.04 to v.1.56.05

The search for available NOAHlinks in the NOAHlink properties program are now only searching on COM ports with Bluetooth devices. This functionality can be turned off under the NOAHlink properties => Advanced features.

During upgrade the NOAHlink properties program could set the COMport high to "9" – with the result that an available NOAHlink was not found by the fitting program. This is corrected to "99".

All NOAHlink files are signed from HIMSA.

Changes from v.1.56.03a to v.1.56.04

The version number cannot contain a letter and had to be changed.

The functionality is the same and the user can still be logged in as a normal Windows user.

Changes from v.1.56.03 to v.1.56.03a

NOAHlink 1.56.03 could not be used as a "normal windows user" due to the placement of a NOAHlink log file. This is resolved with NOAHlink 1.56.03a.

There are no changes to any compiled files or firmware files compared to NOAHlink 01.56.03

Changes from v.01.56.02 to v.1.56.03

NOAHlink 1.56.03 still includes kernel 1.55.03 and boot loader 8.

- Timers in the Noahlink detection program have been changed and optimized

- One specific timer where NOAHlink was waiting 60 seconds has been removed

- One NOAHlink error message (when the NOAHlink was not turned on) has been corrected

The NOAHlink 1.56.03 will detect the NOAHlink some seconds slower than previous versions (1.55.06 and before). This is because the program is now compiled with Visual Studio 2010 and it has been necessary to make smaller changes to the NOAHlink detection program.

Changes from v.01.55.06 to v.01.56.02

NOAHlink 1.56.02 includes kernel 1.55.03 and boot loader 8.

- Boot loader 8 contains various improvements to test that the kernel image will load successfully.

- The NOAHlink properties 1.56.02 is compiled with Visual Studio 2010. This will not be visible for the end user – but will ensure that the NOAHlink can communicate on newer MS platforms.

Changes from v.01.55.05 to v.01.55.06

NOAHlink 1.55.06 includes the kernel 1.55.03

- Kernel 1.55.03 will reduce the number of returned units due to firmware problems.

Changes from v.01.55.04 to v.01.55.05

NOAHlink 1.55.05 contains identical components as in 1.55.04. The only difference is the writing routine for updating the new boot loader 7 to the NOAHlink. This is now more secure and will happen without errors.

Changes from v.01.55.03 to v.01.55.04

NOAHlink:

- The NOAHlink properties program will under installation set the registry key – NOAHLinkBootTimeMS – to 10000 (10 seconds). It was previously 7 seconds.

- The PWM protocol has been updated.

Changes from v.01.54.01 to v.01.55.03

NOAHlink Kernel 01.55.02: This new Kernel include several new features

- Ability to communicate using the Toshiba bluetooth stack

- Updated security routines to avoid un-wanted writing in the flash memory

    o Please note that this also requires upgrade to boot loader 7 – which comes automatically with the Kernel update.

NOAHlink installation: The installation program will now detect the Operating System and choose which bluetooth stack should be used for the bluetooth communication (The end user will not be presented with the option of installing the Ezurio drivers if the Operating System is XP SP 2 or later)

NOAHlink pairing wizard: The pairing wizard will detect which Bluetooth driver is used on the PC. If the Toshiba stack is detected the end user will be required to do the pairing manually using the "Toshiba Bluetooth Manager". A relevant link to the HIMSA support site will be offered to the end user.

Changes from v.01.54.00 to v.01.54.01

NOAHlink Kernel: With kernel 1.52.00 installed it is possible to downgrade to older kernels.

NOAHlink Kernel: Kernel 1.52.00 is compatible with the Mitsumi Bluetooth modules (C29 og C46)

NOAHlink Kernel: Some older kernels did not support the features 'HI Power Status' and 'Power on when leaving cradle', and would cause NOAHlink to lose connection when these kernels were upgraded. This issue no longer occurs with an upgrade to Kernel 1.52.00.

Changes from v.01.53.01 to v.01.54.00

NOAHlink Kernel: Correction made to the Release-Protocol-Resources where some resources were not released properly.

NOAHlink Kernel: The initialization of NOAHlink Bluetooth module changed to allow the use of a new generation of Mitsumi module.

Changes from v.01.52.03 to v.01.53.01

NOAHlink: NOAHlink is now Vista compatible.

NOAHlinkdrv: The user no longer receives a "time out" when trying to connect to a NOAHlink

NOAHlink Properties: A pairing wizard has been included to help the user pair with their NOAHlink devices. It is compatible with the Widcomm and the Microsoft Bluetooth stack.

NOAHlink Properties: The installation has been rewritten, and the pairing has been moved from the installation to the Pairing Wizard. Thus, the installation no longer reboots several times during pairing.

Changes from v.01.52.02 to v.01.52.03

NOAHlink Properties: Due to an issue with the .Net assemblies and the .Net 2.0 framework, the interop files are no longer installed to the GAC

Changes from v.01.52.01 to v.01.52.02

NOAHlink Properties: The .Net interop files are now again a part of the installation

Changes from v.01.51.01 to v.01.52.01

NOAHlinkdrv: The NOAHlink no longer crashes and silently logs out when it is moved out of range

IDigitalAudio2 Inserted SetupDigitalFormat method that was accidently removed in build v.01.51.01.

Compatibility Issues

Important: NOAH 2 is not compatible with NOAHlink. NOAHlink is designed and tested to work best with NOAH 3..

NOAHlink Documentation

HIMSA provides electronic copies of the NOAHlink User manual in all available languages. You will also receive a hard copy of this manual in your NOAHlink package.

Known Problems and Issues

Please visit NOAHlinks web-site at www.himsa.com to access the latest support issues.

Getting Support

If you have a support question concerning the installation or operation of NOAHlink, please check through your documentation first.

If your problem persists, visit HIMSA's website (English and German only) at www.himsa.com.

If you still cannot find the answers you need, contact your NOAHlink supplier. Your supplier is specially trained to answer NOAHlink-related questions.