



HiMoNN BASIS 3.8

RELEASE NOTES



The HiMoNN Release Basis 3.8 enhances the features of HiMoNN Basis 3.7 and incorporates the following modifications and new features.

HiMoNN-applications with German user interface

The main applications for administration and supervision of the HiMoNN system additionally support the German language for the user interface now – besides English. So the use of applications becomes easier and clearer for German speaking users. The following applications additionally provide a German user interface:

- **System supervision with HiMoNNitor:**
The menu and the forms of HiMoNNitor are presented in English or German - according the user's choice.
The selection of language is offered at the installation routine, but can also be changed by setting a command line parameter later.
- **System administration with HiMoNN Web Administration:**
The menu, the forms and the help text of the HiMoNN Web Administration are presented in English or German - according the user's choice.
System messages appear in English as before.
The selection of language is done according the language settings of the web browser and may be changed by the user interactively.
- **System Administration with HiMoNN Sticker:**
The menu and the forms of HiMoNNitor are presented in English or German - according the user's choice.
System log files, stored on the flash memory stick, use English messages as before.
The selection of language is possible in the installation routine, but can also be changed by setting a command line parameter later.
- **System Administration with the HiMoNN Administration menu (hadmin):**
The menu and the forms of this terminal application are presented in English or German - according the users choice. The language is set initially as factory settings and may be changed by the user interactively.

Die installation routine of the applications for HiMoNN is performed also with English or German language - according the user's choice.

The HiMoNN command line interface HCLI works – as usual for the configuration of network components –with English commands and messages as before.

Standardized interface names

The names of network interfaces, used for configuration issues has been standardized. In the HiMoNN software – they are identical with the labels at the HiMoNN device now. So, the system administration becomes more simple and transparent.

In the case, that configuration files with old interface names are imported via the HiMoNN Web Administration or HiMoNN Sticker, an automatic conversion into new interface names is performed – so previous configurations can be used further here.

The interactive administration with HiMoNN Web Administration and HiMoNN command line (HCLI) show and use the new interface names exclusively.

New monitoring functions for HiMoNNitor

The application HiMoNNitor for the supervision of the HiMoNN network has been extended by several functions. These are:

- **Connected Wi-Fi clients**
A separate form shows all client devices, which are connected with the HiMoNN node via WLAN (Wi-Fi) with their device address. To make the identification of devices more handy – additionally the comment information is displayed for those devices, which are registered and commented for the access control list of the access point (see also „Improved transparency in access control“ – „Comments on Access Control List (ACL) entries“).
- **Details for UMTS status
(for HiMoNN devices with UMTS)**
A separate form shows the status of the cellular connection – in the case the HiMoNN device is equipped with UMTS interface.
The user is informed about the chosen network provider, the signal strength and the technology of connection (2G, 3G / GSM, EDGE, UMTS,...).
Furthermore the user may request a list of locally available cellular networks.
- **Monitoring the battery charging level
(for using the extended transport case for HiMoNN)**
If a HiMoNN node is operated together with the extended transport case, the charging state of the integrated battery can be observed. HiMoNNitor, connected to the local HiMoNN node, shows the charging level automatically, when the system detects, that an accu is used.

Furthermore, HiMoNNitor provides the centralized supervision of the battery charging states of extended transport cases, used by other HiMoNN nodes over the entire Ad-hoc network.

For this, the user can activate a separate table view, which lists the battery charging levels of all extended transport cases, used in the HiMoNN network.

In the case the monitored HiMoNN node is equipped with the GPS option, the charging state of extended transport cases of other HiMoNN nodes can be shown in the Radar View.

Both views provide a quick overview about the current state of the battery power supply over the entire Ad-hoc network.

Improved transparency in access control

The administration of the HiMoNN system has been extended for the following point:

- **Comments on Access Control List (ACL) entries**

The entries for the Access Control Lists of network interfaces can be supplemented with individual comments now. Because every entry is mainly characterized by the physical address of the permitted device only, the transparency and ability for identification is significantly improved by the additionally given comment.

The maintenance and display of those comments is possible within the HiMoNN Web Administration and the HiMoNN Command Line Interface HCLI as well as in HiMoNN-Configuration files.

The HiMoNN system uses these comments also for the function of HiMoNNitor - to show the list of wireless client devices, connected to the HiMoNN node wireless via Wi-Fi – even also, when the Access Control List is not activated (see also „New monitoring functions for HiMoNNitor“ - „Connected Wi-Fi clients“).

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