



Conversion Guide

Hedsam 6 -> Hedsam X

V1.0

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1. Introduction

This document describes the conversion process, in which the old Hedsam version 6.x database is converted to be compatible with the new Hedsam X version 9.1.

In the conversion, you can import the following data from the old Hedsam 6 installation:

- System configuration (**HsDevs.ini**, **HsNode.ini**, **RDRPRO02.dta**)
- Database (the contents of the **Data** folder)
- Registrations (the contents of the **Regist** folder)
- Hour balance (the contents of the **Balance** folder)

Hedengren Security Oy performs the actual conversion.

2. Database

Database refers to the data the user adds to the system, mostly by hand. In both the old and the new versions, the database is stored in the **Data** folder under the Hedsam installation folder. In the new version, the folder contains considerably fewer files.

3. Registrations

The registrations are converted in a separate run. In both the old and the new versions, the registration files are stored in the **Regist** folder under the Hedsam installation folder.

The conversion is always performed to a range of dates. If the old version has been in operation for several years, there can be a vast number of registration files, and in the conversion you can define which ones are to be included.

In the beginning of the conversion process, the program may delete any existing registrations in the new version.

4. Hour Balance

In the old version, the hour balance data is in the **Balance** folder under the Hedsam installation folder. The old version saves the hour balance data of individual people in files identifiable by date. The new version saves all other working hour data in a similar fashion.

You can only import the hour balance data from the old version to the new version, and therefore you cannot run working time reports from the time before the version update, at least not from actual working hour data. The main purpose for converting the hour balance data is to have the initial hour balance in the new system.

The conversion is always performed to a range of dates. The converted working hour data from the old version is very limited, so it is unnecessary to convert data from too far back in history. A few days back from the conversion date is enough.

In the beginning of the conversion process, the program may delete any existing working hour data in the new version.

5. Special Cases

The conversion program cannot transfer all data. The following features require special attention.

5.1 Holiday Groups

The new version includes a **Holiday Group** feature. You can use this feature to set a different holiday schedule to individual devices (for example, doors and lifts). The old version does not include an equivalent feature, so the conversion program creates a holiday group named **Default**, which is used by all the devices.

5.2 Access Zone

The new version includes an **Access Zone** feature. You can use this feature to divide all the doors and lifts in the system into smaller zones. The old version does not include an equivalent feature, so the conversion program creates an access zone named **Default**, which includes all the doors and lifts.

5.3 Group Switch Rights

The new version includes a **Group Switch Rights** feature. You can use this feature to give an individual person rights to switch control groups. The old version includes a similar feature, but it works in a different way. In the old version, each individual person was given rights to individual zones separately. In the new version, the rights are first divided into levels, which are then assigned to individual people. Because the rights are defined so differently, the conversion program is forced to create new type of data from the old data. The conversion program analyses the old data to find all the various switch rights of individual people and divides them into levels, which are then assigned to individual people. After conversion, review the data and give the levels more descriptive names, if possible.

6. Conversion Process

Hedengren Security Oy performs the actual conversion. To convert your data, see the following instructions.

1. Compress the following files in a *.zip file and send them encrypted to Hedengren Security Oy for conversion.

- **C:\Hedsam\Data** (the contents of the entire folder)
- **C:\Hedsam\hsdevs.ini**
- **C:\Hedsam\hsnode.ini**

If you need the past registrations:

- **C:\Hedsam\Regist**

If you need the hour balance data:

- **C:\Hedsam\Balance**

There is no need to convert all of the registration and hour balance data in the system. Select the registrations, for example, from the beginning of the current year.



Note! Do not run working time reports from the time before the conversion using the converted registration data.

2. Hedengren Security Oy encrypts the converted files and sends them back.

- **Hedsam02.db** (database)
- **System.hconfig** (system configuration)
- **Regist-vvvvkk.db** (registrations)
- **Hours-vvvvkk.db** (calculated working time / hour balance)
- Log files from the conversion process

3. Move the converted files to the appropriate folders on the Hedsam X server:

- **C:\Hedengren\Hedsam\Desktop\9\Data\hedsam02.db**
- **C:\Hedengren\Hedsam\Desktop\9\system.hconfig**
- **C:\Hedengren\Hedsam\Desktop\9\Regist\regist-vvvvkk.db**
- **C:\Hedengren\Hedsam\Desktop\9\Hours\hours-vvvvkk.db**

4. Before using the system, closely review the converted system configuration and settings.

The log files, which are delivered with the converted files, list any exceptions detected during the conversion process.