



© HEDSAM X

Instruction

Hedsam X

Personal open code

V1.0

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1. General

Starting from version 23.3.3, it is possible to use personal unlock codes in Hedsam X. In previous releases it has been possible to set 16pcs door-specific codes and this new personal unlock code has been introduced in addition to this functionality. This functionality requires Hedsam-Node and Hedsam-Door FW version 1.6.0 or higher.

The length of the code, and thus the entry of the code, is a change from what we were used to. It is possible to set the length of the codes to a variable length, however, so that the length of the code is between 4 and 8 digits. When a variable length code is not in use, the length of the code is 4 digits.

When you enable the unlock function with a personal code, the ability to use the same code for two different people disappears. People who don't use the new functionality can use the same code associated with the tag as someone else would have configured.

Entering the code starts with the * button and ends with the # button. Example: *12345678#

A personal code and a door-specific code cannot be assigned at the same time at the same door.





The personal code is not used to check the status of the steering group. This means that the code can be accessed even if the status of the steering group prevents it. In other words, it is worth carefully considering whether the code will be implemented through a door that, for example, leads to an area monitored by burglar detection, which is controlled by access control.

It is also not possible to use a function code with a personal code. A group level can be set for a person who uses only code for walking, for example, to direct alarms when leaving, but switching on is not possible except with a possible code reader on the inside or with the time control of the control group. For example, a personal code can be used for night transport during the delivery of goods to bypass the burglary system and allow passage.

1. HConfig

In the configuration, a personal code is configured for each door card separately:

Common values

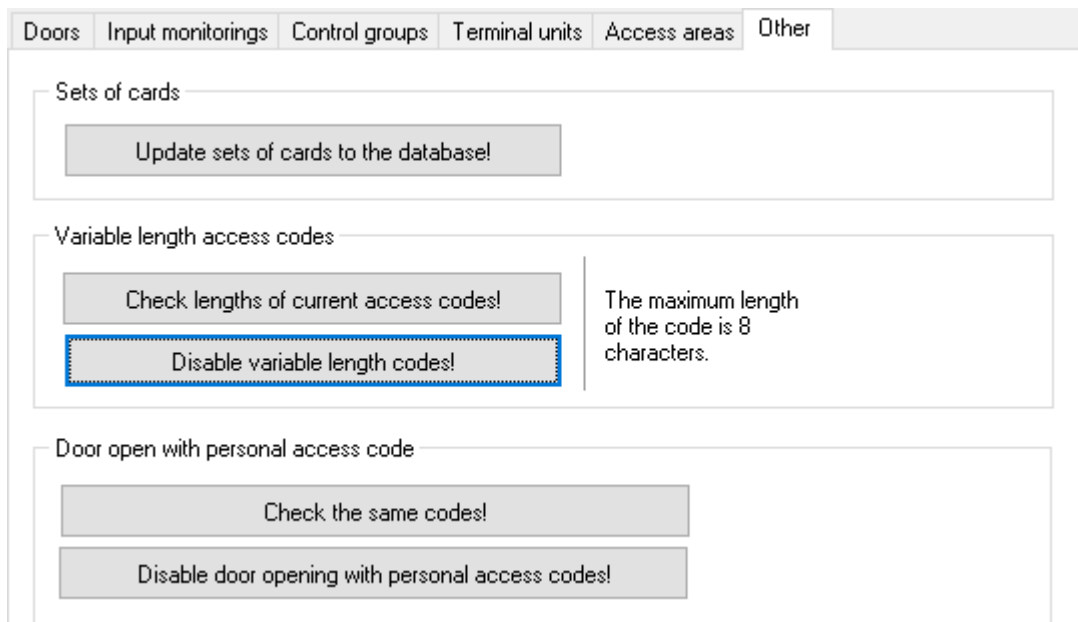
 Open button in use	Always
 Relay rights in use	No
 Open by common opencode	No
 Open by personal pin-code	Yes

Opening with a general unlock code and a personal code cannot be placed on the same door at the same time.

In addition, the door must have a code reader(s) assigned to it.

2. HConfigDB

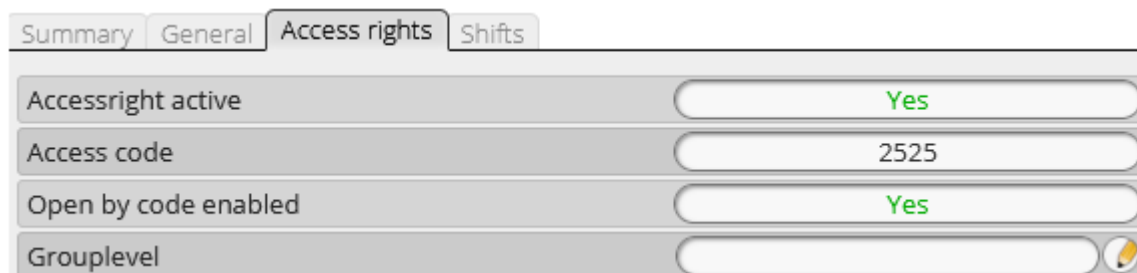
The HConfigDB program determines the maximum length of the code, sets a variable length code and a personal code to open the door, and can check possible duplicates.



When variable codes are not used, the code length is always 4 digits.

2.1 User Interface Persons

The person is assigned the unlock code allowed (yes) or not allowed (no) (default: no):



If a person has a Group level defined that is controlled at the door from which access with a personal code is allowed, the control group can be turned off when using the code. Switching on requires an internal code reader or a time program assigned to the steering group.

When a person is assigned Opening with code allowed = yes. The system generates a virtual identifier for the person, which is used to associate the personal code with the person from the transaction.

2.2 User interface Reports

Personal code events are displayed on the Access Control Stamps report. Once the opening has been done with the code, the Reasons column shows "Door open with personal code":

02.10.2023 (Monday) 9pcs

Time	Person	Device	Reader	Admitted	Direction	Note	Reason	Time of return	Location	Info
12:53	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			
12:56	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			
12:58	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			
13:07	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			
13:40	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			
15:58	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			
16:09	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			
16:09	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			
16:13	Erkki Esimies	Konttori	Out	Yes	-		Door open with personal code			