Software Operating Instructions

ELS validity extension

V1.0 May 2019

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General information

This manual describes how to extend the validity of the ELS software in intelligent (Data on Card) access solutions.

With the intelligent (Data on Card) access solution, the transponder is programmed with an intelligent authorisation period (intelligent validity) in addition to the authorisations.
The intelligent authorisation period is programmed with the desktop reader for the current day, for x days (max. 365 days) or for the authorisation period of the transponder (valid to).

The intelligent authorisation period (intelligent validity) can be programmed by the ELS desktop reader, ELS AccessManager Terminal V7 or ELS ITT.

The ELS AccessManager Terminal V7 programs the intelligent authorisation period up to a configured hour / minute or by from 1 to 24 hours. An already programmed intelligent authorisation period (e.g. programmed via the ELS desktop reader) will be overwritten.

The ELS ITT also programs the intelligent authorisation period according to the configured settings. An already programmed intelligent authorisation period (e.g. programmed with the ELS desktop reader) can be overwritten.

Beginning with ELS software version 5.6.1, it is possible to inactivate the intelligent validity extension to the transponder.
The transponder is programmed with the maximum validity period of the transponder.
The intelligent authorisation period is not overwritten by the ELS AccessManager Terminal V7 and ELS ITT.

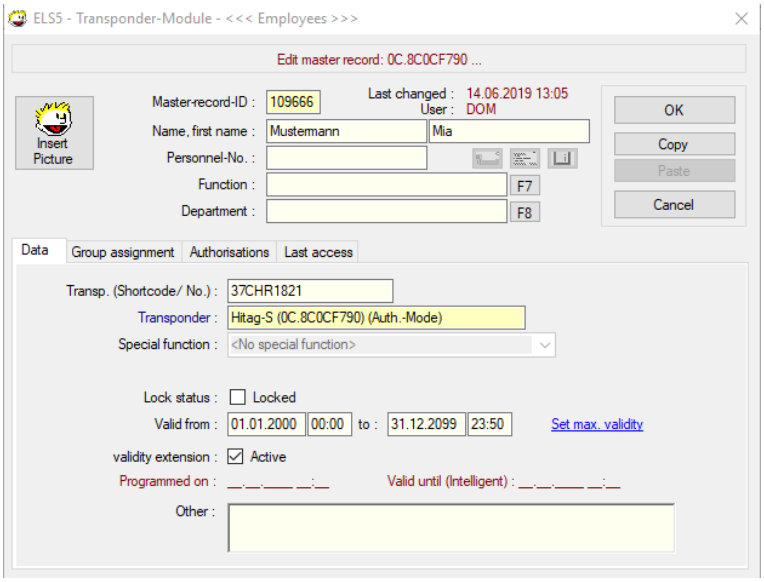
Note: In the intelligent (Data on Card) access solution, the intelligent transponders must be programmed once with the object identification.

Note: The validity extension function is only displayed for intelligent (Data on Card) access solutions and intelligent transponders (transponder type HiTag S).

The function 'Validity extension' can be found in the transponder management in the register [Data].

When a new transponder is read in, the function 'Validity extension' is set to the standard setting 'Active'.

The information fields 'Programmed on:' and 'Valid until (Intelligent):' are without date and time.
This shows that the transponder is not programmed.
The information fields will be set with the programming of the transponder.

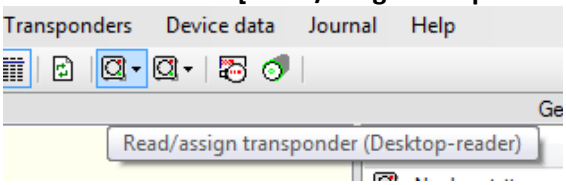


ELS Software: Validity extension

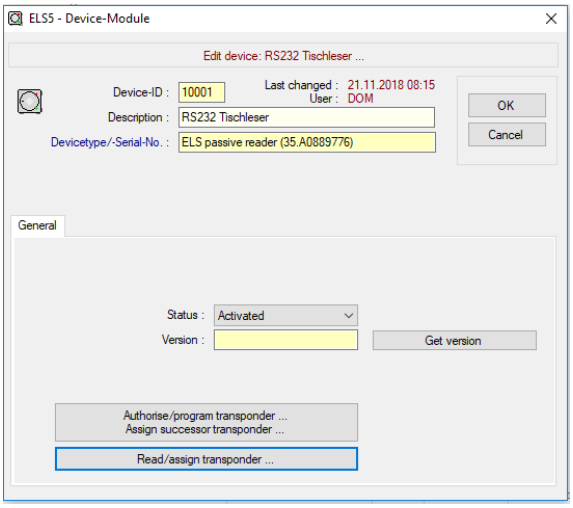
Validity extension active

Place the transponder on the ELS desktop reader.

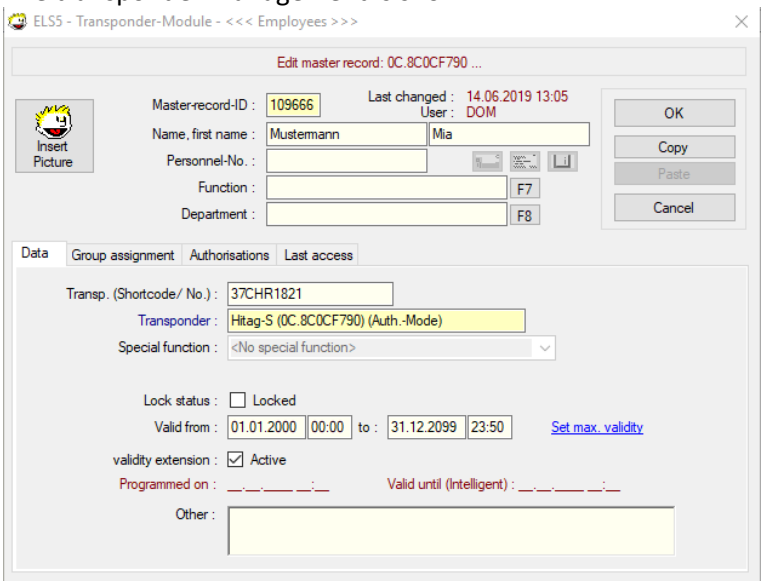
Click on the button **[Read /assign transponder (table reader)]** in the toolbar.



or use the button **[Read /assign transponder ...]** in the device management of the ELS USB desktop reader V7.



The transponder management is shown.

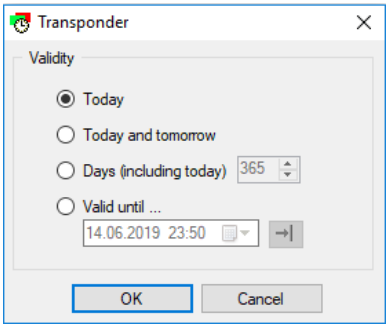


The validity extension is Active (☑ Active).

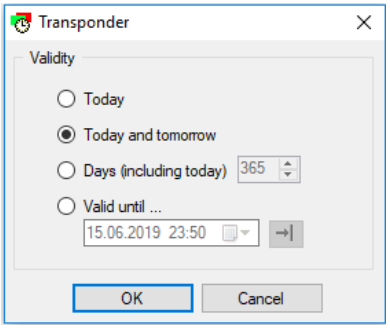
Assign the access authorisations by using the register [Group assignment] or [Authorisations].

Program the transponder with the ELS desktop reader [Authorize / program transponder ...].

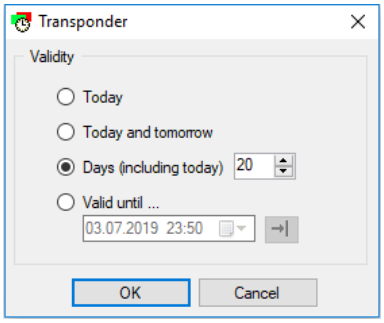
When the validity extension is active, you receive the configuration window for setting the intelligent validity [Transponder - validity].



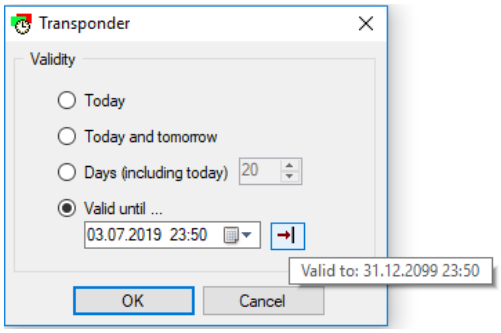
Intelligent validity for today (Current day).



Intelligent validity for today and tomorrow.

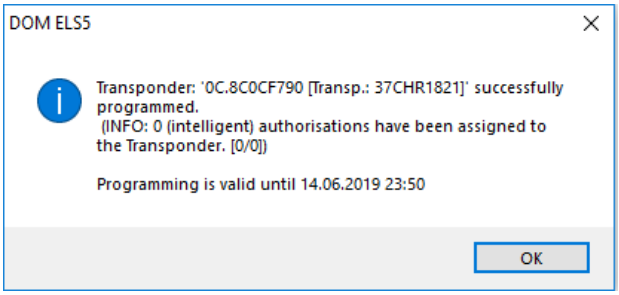


Intelligent validity for x days.



Intelligent validity up to the specified date or maximum basic record date.

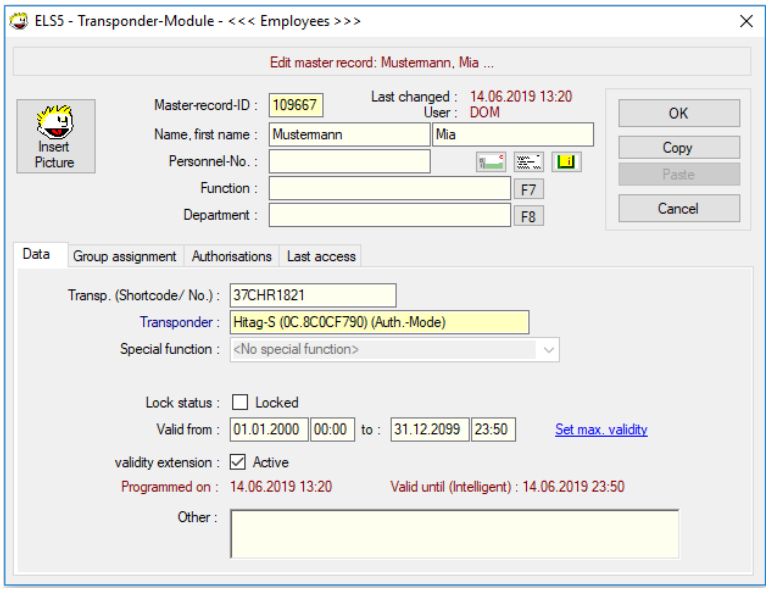
After successful programming, you will receive the information window, which shows the intelligent programming and the intelligent validity date.



In the transponder management, the date of the last programming and the programmed intelligent validity is shown.

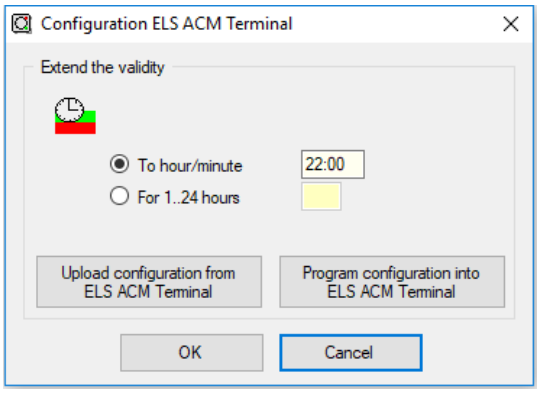
Here: Programmed on: 13.06.2019 15:13

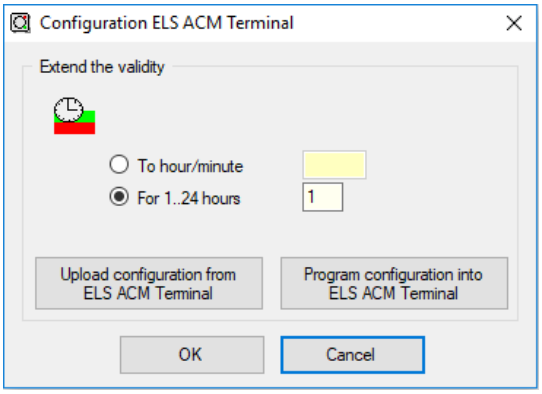
Valid until (Intelligent): 13.06.2019 23:50



Validity extension active: ELS AccessManager Terminal V7

With active validity extension, the intelligent authorisation period is programmed by the ELS AccessManager Terminal V7 to the preconfigured value.

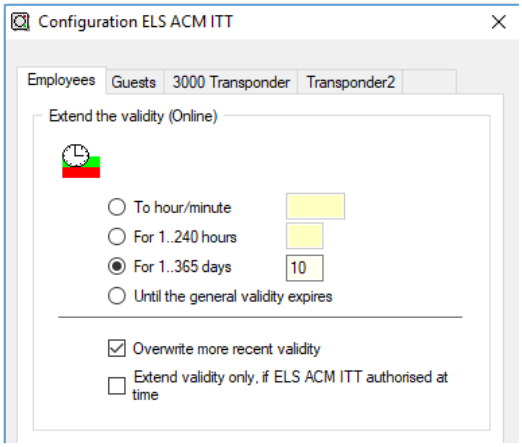


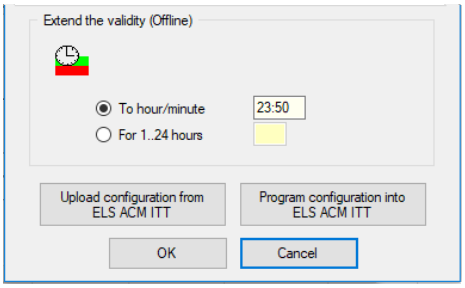


Note: If the intelligent validity of a transponder is programmed by an Online - ELS AccessManager Terminal V7, the date of the last programming and the programmed intelligent validity is then updated in the transponder management of the transponder (Programmed on:, Valid to (Intelligent):).

Validity extension active: ELS ITT

With active validity extension, the intelligent authorization period is programmed by ELS ITT to the preconfigured value.



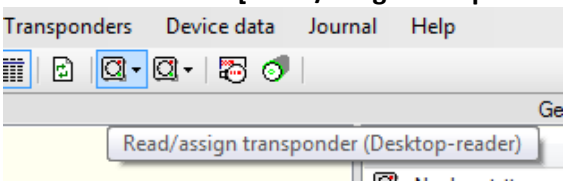


Note: If the intelligent validity of a transponder is programmed by an Online - ELS ITT, the date of the last programming and the programmed intelligent validity is then updated in the transponder management of the transponder (Programmed on:, Valid to (Intelligent):).

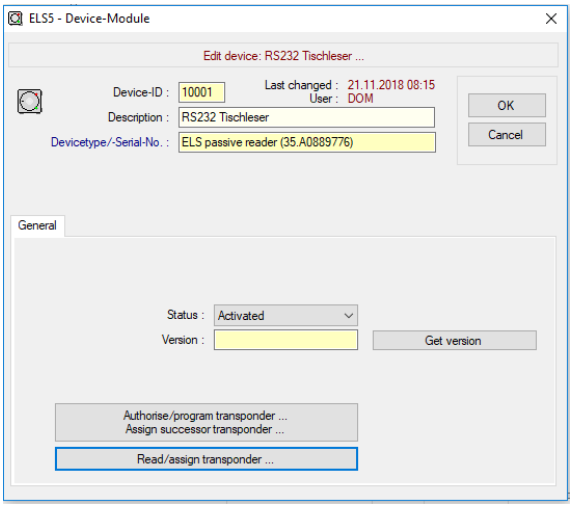
Validity extension not active (inactive)

Place the transponder on the ELS desktop reader.

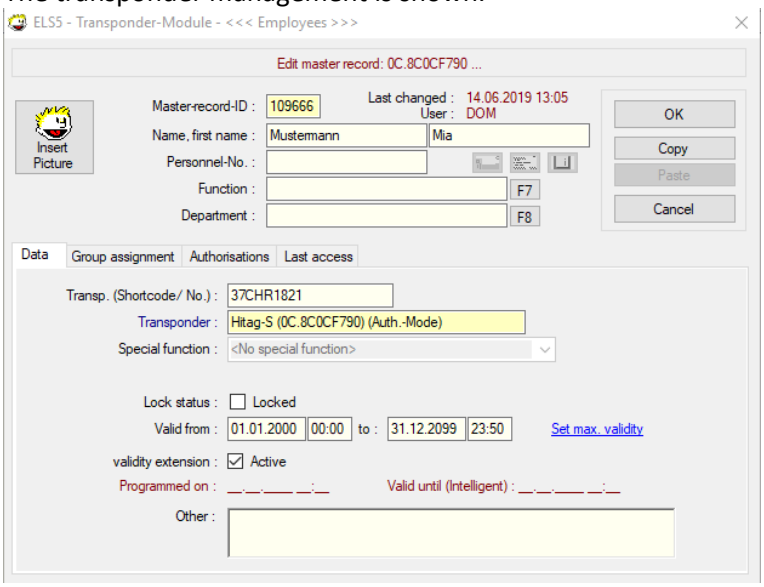
Click on the button **[Read /assign transponder (table reader)]** in the toolbar.



or use the button **[Read /assign transponder ...]** in the device management of the ELS desktop reader V7.

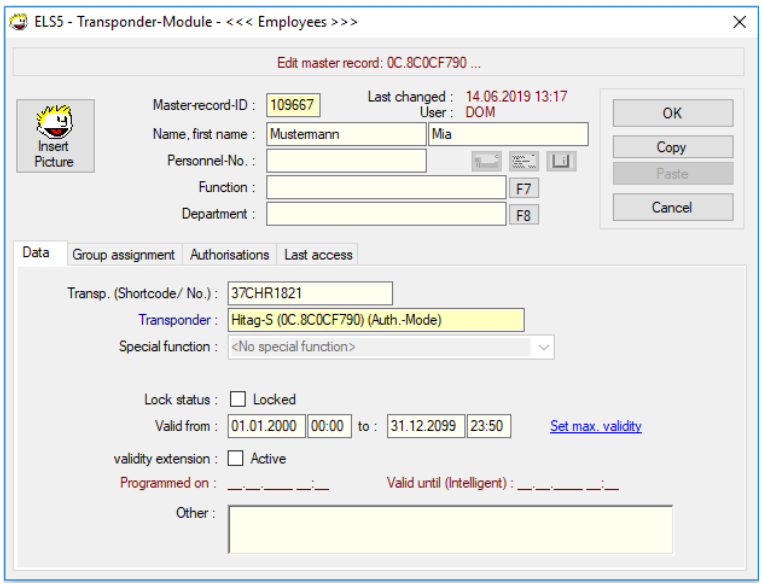


The transponder management is shown.



When you create a transponder in the standard system, the validity extension is Active (☑ Active).

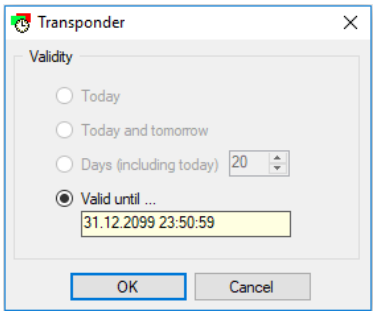
By clicking on the selection field ☑ the setting ☐ can be changed.
With the Active setting☐, the 'Validity extension' function is not active for this transponder (inactive).



Assign the access authorisations by using the register [Group allocation] or [Authorisations].

Program the transponder via the ELS desktop reader [Authorise / program transponder ...].

If the validity extension is not active (inactive), the configuration window for setting the intelligent validity [Transponder - validity] is shown by default.
The configuration window shows in the entry 'Valid until ...' the transponder validity 'Valid to'.
This entry cannot be changed here.



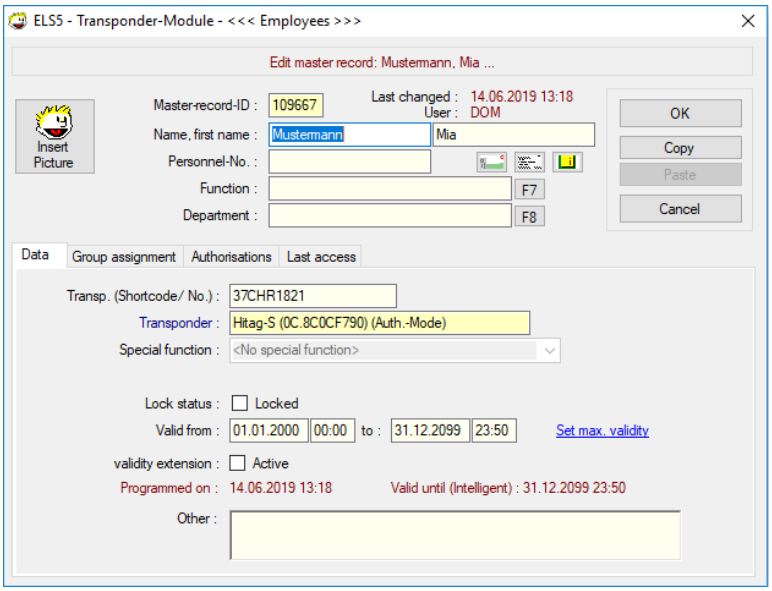
After successful programming you will receive the information window which shows the intelligent programming and the intelligent validity date.



The date of the last programming and the programmed intelligent validity are displayed in the transponder management.

Here: Programmed on: 13.06.2019 15:13

Valid until (Intelligent): 13.06.2019 23:50



Validity extension not active (inactive): ELS AccessManager Terminal V7

When the validity extension is not active (inactive), the ELS AccessManager Terminal V7 does not program the intelligent authorisation period.

The intelligent authorisation period of the transponder remains unchanged.

Validity extension not active (inactive): ELS ITT

When the validity extension is not active (inactive), the intelligent authorization period is programmed by ELS ITT.

The intelligent authorisation period of the transponder is programmed to the maximum validity period of the transponder.

Note: If the intelligent validity of a transponder is programmed by an Online - ELS ITT, the date of the last programming and the programmed intelligent validity is then updated in the transponder management of the transponder (Programmed on:, Valid to (Intelligent):).