

# smart access

## Standalone mode



- **Card access control system for forklift truck drivers**
  - An alternative to the PIN code based system
- **Generic card access system**
  - Cross brand/model system, i.e. for complete fleets
- **Two operating modes**
  - I\_Site mode, a feature of I\_Site (DHU version 2 required)
  - Standalone mode, for small fleets (Limited to 250 drivers per truck)
- **Retrofit system**
  - Kits are available for all types of trucks
- **Possibility to use customers' existing cards**
  - Compatible with the majority of employee card systems
  - If not compatible with customers' existing cards, Smart Access driver cards are available



**Driver cards/fob**

Access card for drivers if customers' own cards are not used



**Configuration card**

For distribution of drivers



**Compatible card types**

LF HTS, LF EMFSK2, HF 14443A, HF 15693 PP, HF 15693 , HF FELICA, LF EM64MC64, LF EM64MC32, Legic Prime 256, Legic Prime 1024, HF\_14443A\_SHORT, LF\_EMFSK2\_W35, LF\_BC4K\_11784\_5, LF\_Proprietary\_1



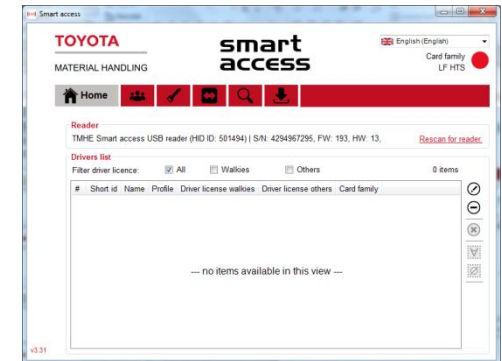
**Card reader**

Installed on each truck



**USB Programmer**

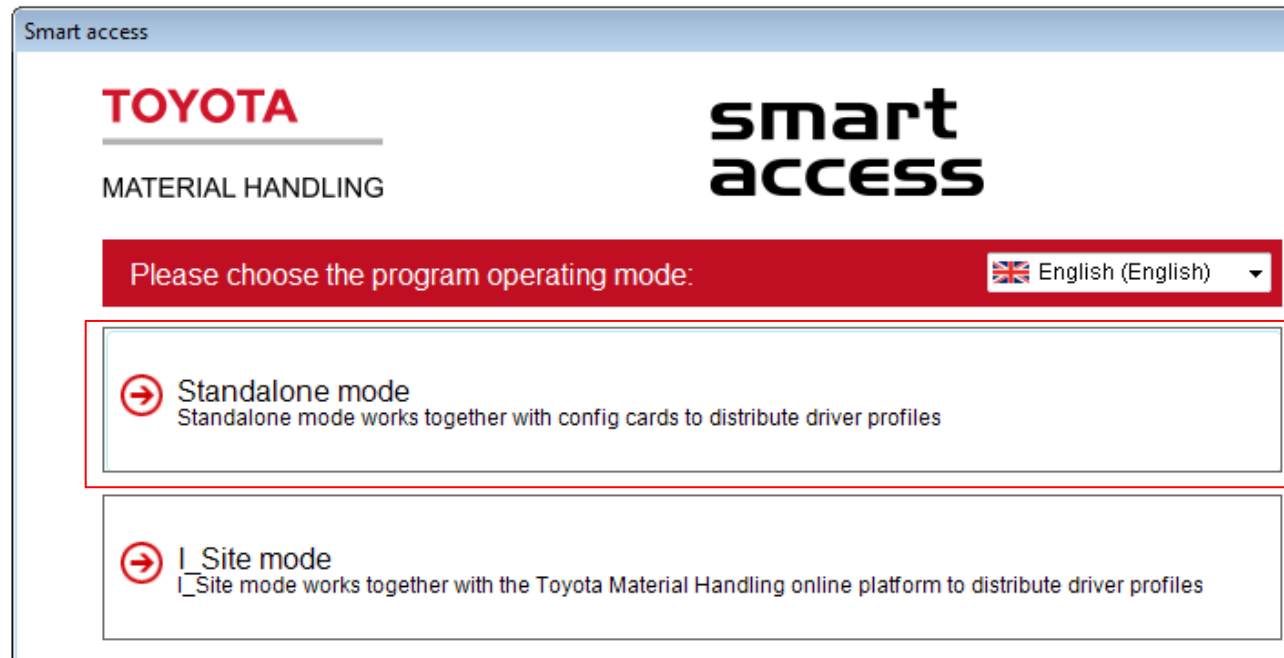
On the fleet manager's desk (one unit required per truck fleet)



**Smart Access PC software**

For driver setup & administration

- The coming pages describe how the software works and how you setup drivers and distribute them to your truck fleet
- Upon the initial start, *Standalone mode* has to be selected (*I\_Site mode* is for customers using Toyota's online fleet management system)



- 1. Scan a driver card to check system compatibility*
- 2. Set up the configuration card for standalone mode*
- 3. Read the existing drivers' cards*
- 4. Set up the drivers in the pc software*
- 5. Transfer the list of drivers to the configuration card*
- 6. Set the driver access at each truck using the configuration card*
- 7. Start the trucks using the driver cards*
- 8. Firmware update for USB-programmer*

Read driver card

Setup configuration card

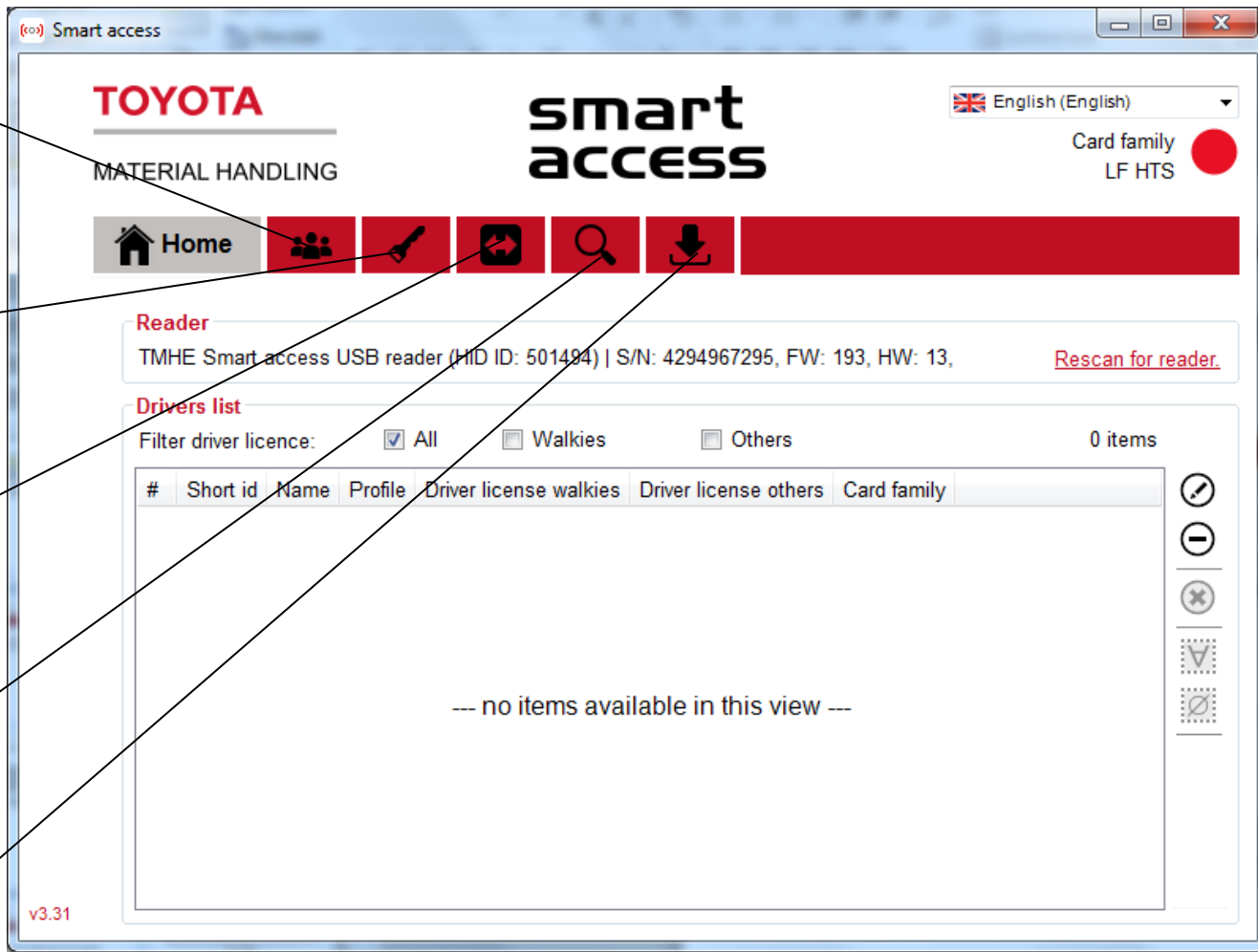
- Setup of the configuration card

Read/write configuration card

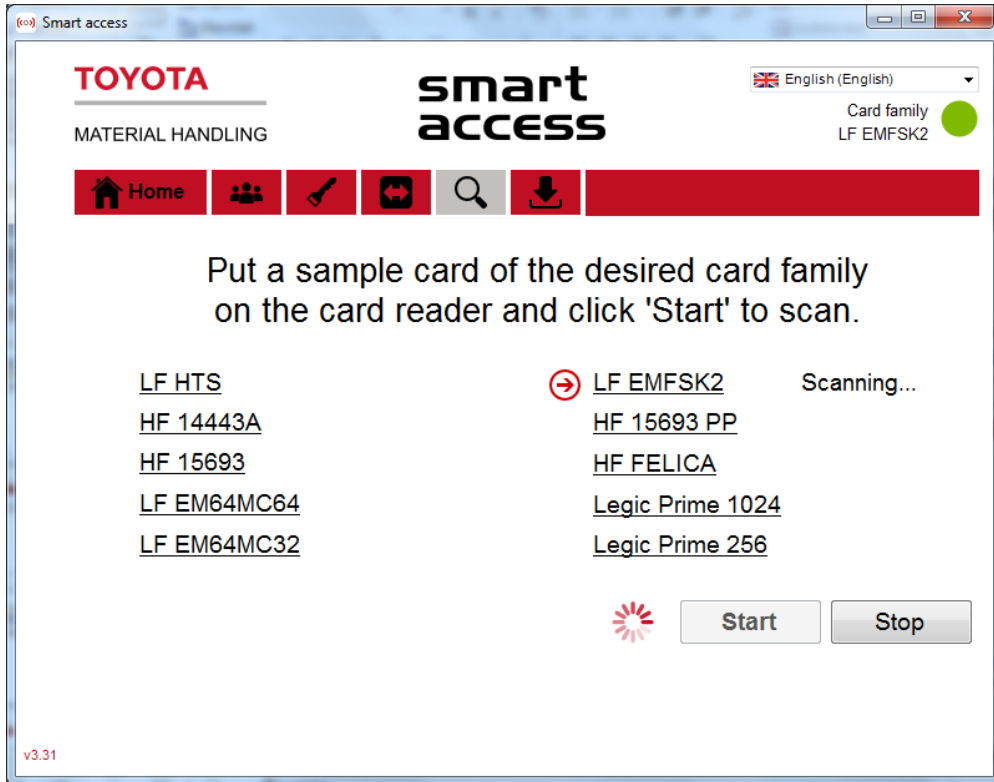
- Read drivers in configuration card  
- Write drivers to configuration card

Scan mode

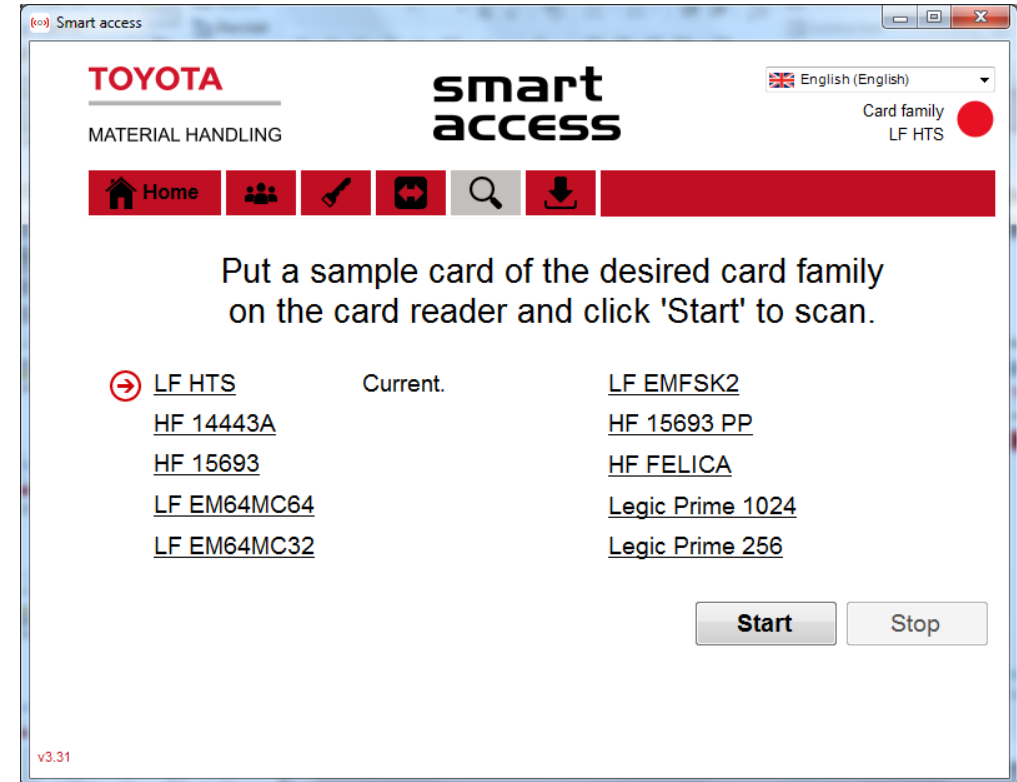
Firmware update



1. Put a card on the reader and press Start ("Scanning")

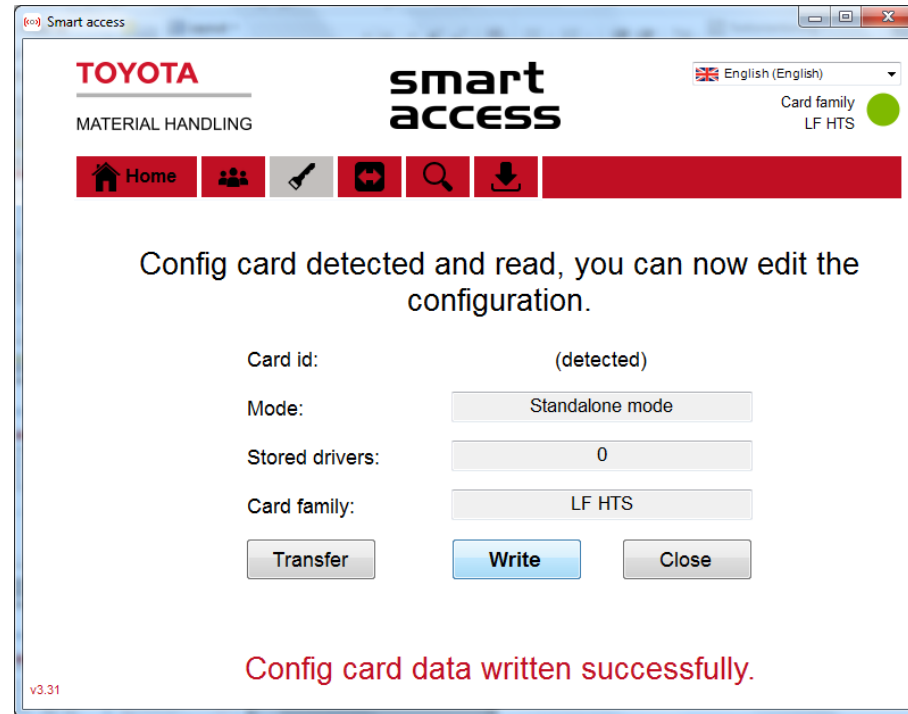


2. Scan complete. Compatible card/fob type is shown ("Current")

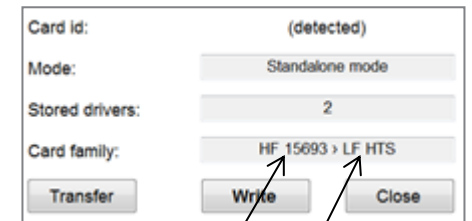


Sets the configuration card to the scanned card type by pressing Write.

(This only has to be done once, at first usage of each config. card)



When changing card type, this is shown:



Previous Config card type

Latest scanned card type



Smart access

English (English)

Card family LF HTS

Home Users Key Add Search Download

Put a driver card on the reader.

Card id:

Short id: 0

Name:

Profile: 1 (default)

Driver licence:  Walkies  Others

Insert Close

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Put the driver card/fob on the USB Programmer connected to the PC



Smart access

English (English)

Card family LF HTS

Home Users Key Add Search Download

New driver card detected, you can fill the gaps and insert.

Card id: (detected)

Short id: p

Name:

Profile: 1 (default)

Driver licence:  Walkies  Others

Insert Close

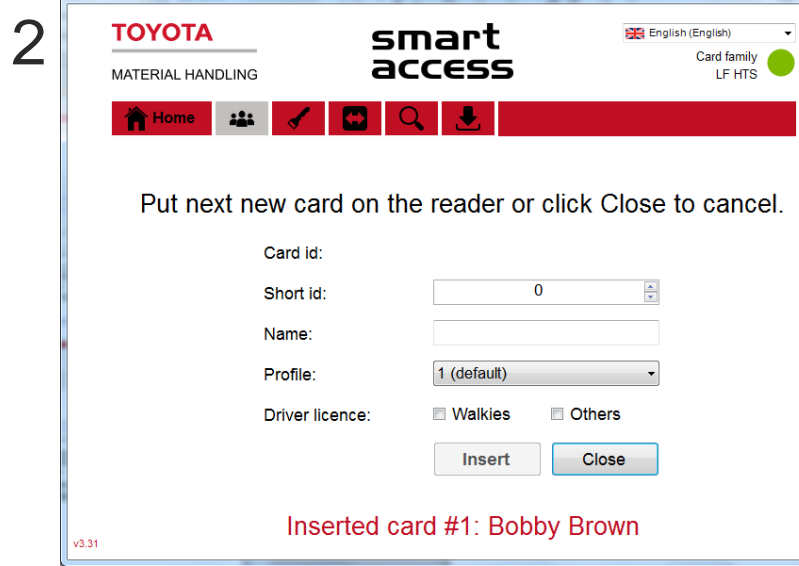
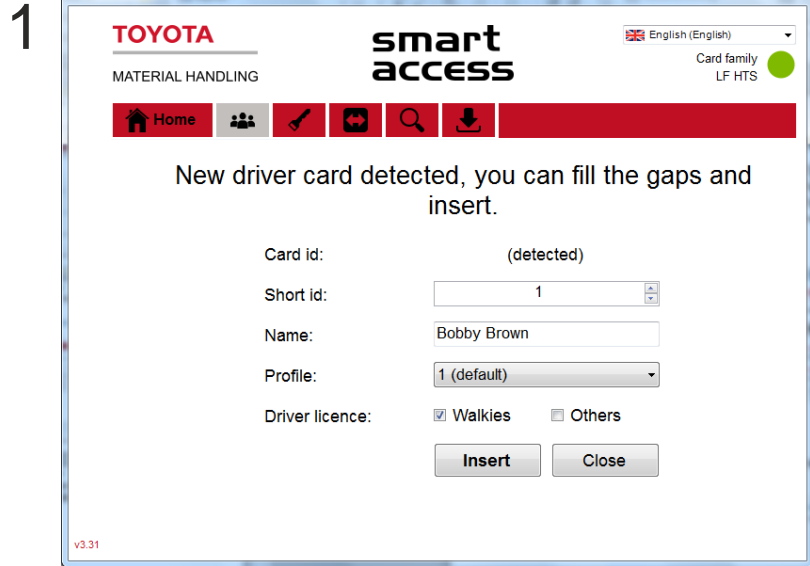
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Numeric field

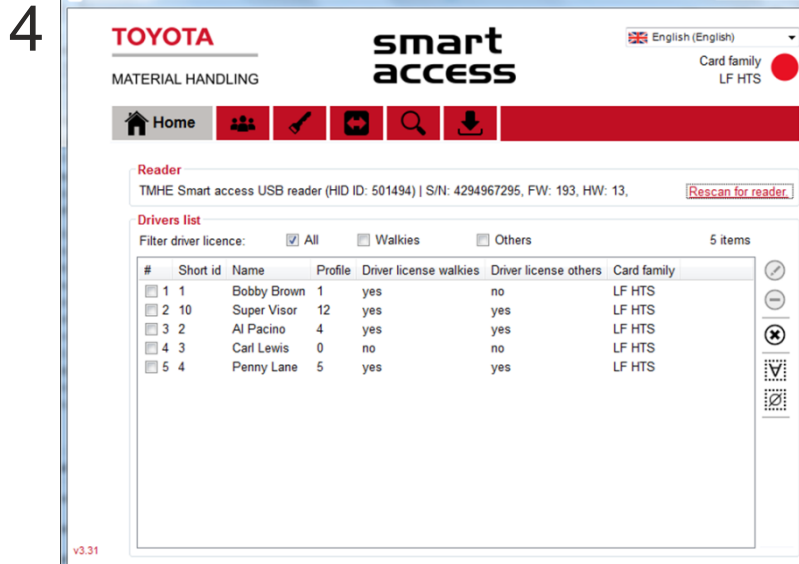
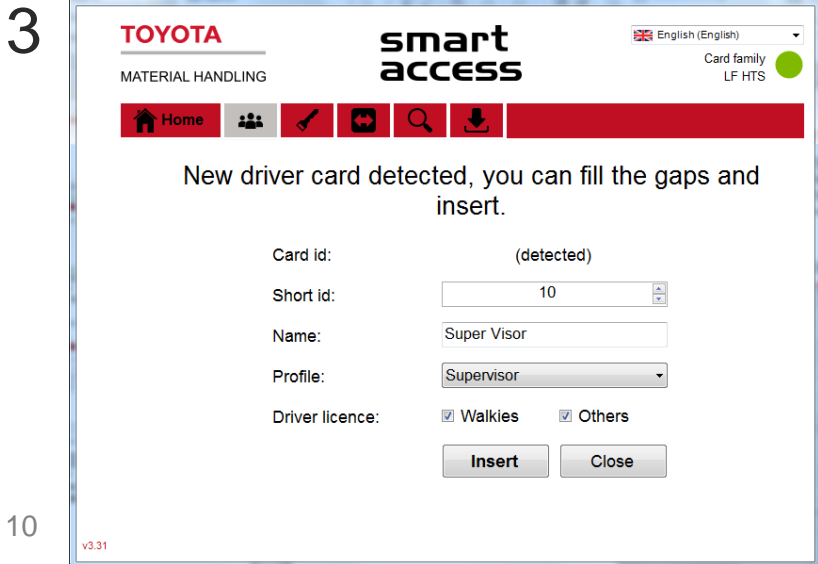
Driver name

Driver profile 1-10 and Supervisor

Walkies / Others is only for pc software internal filter

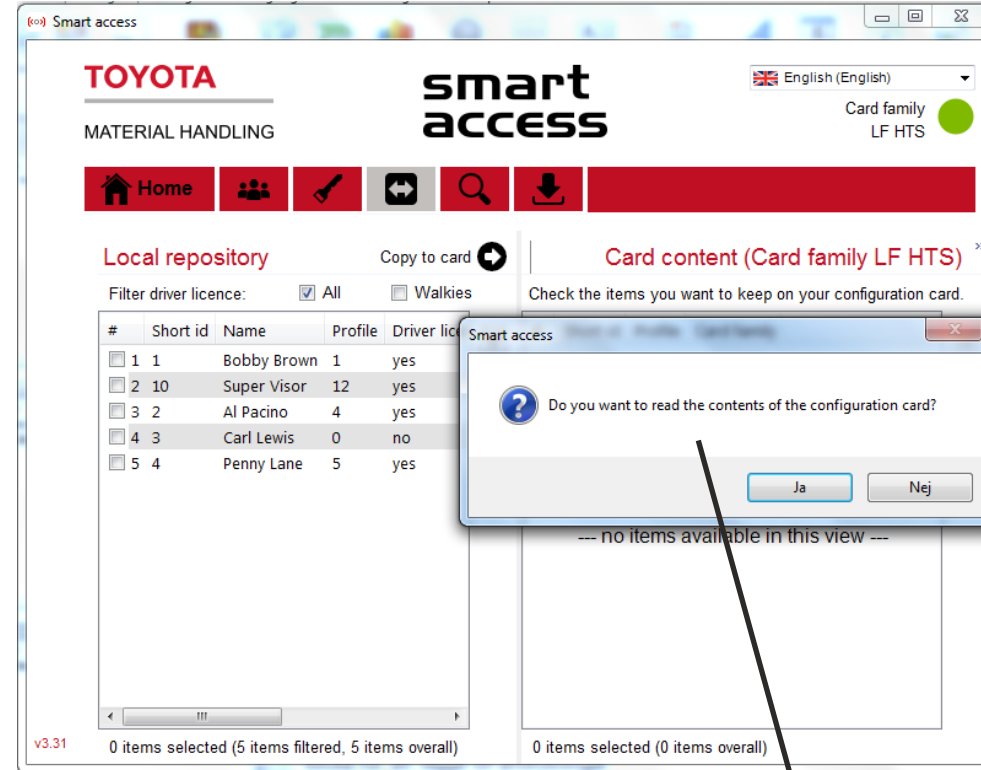
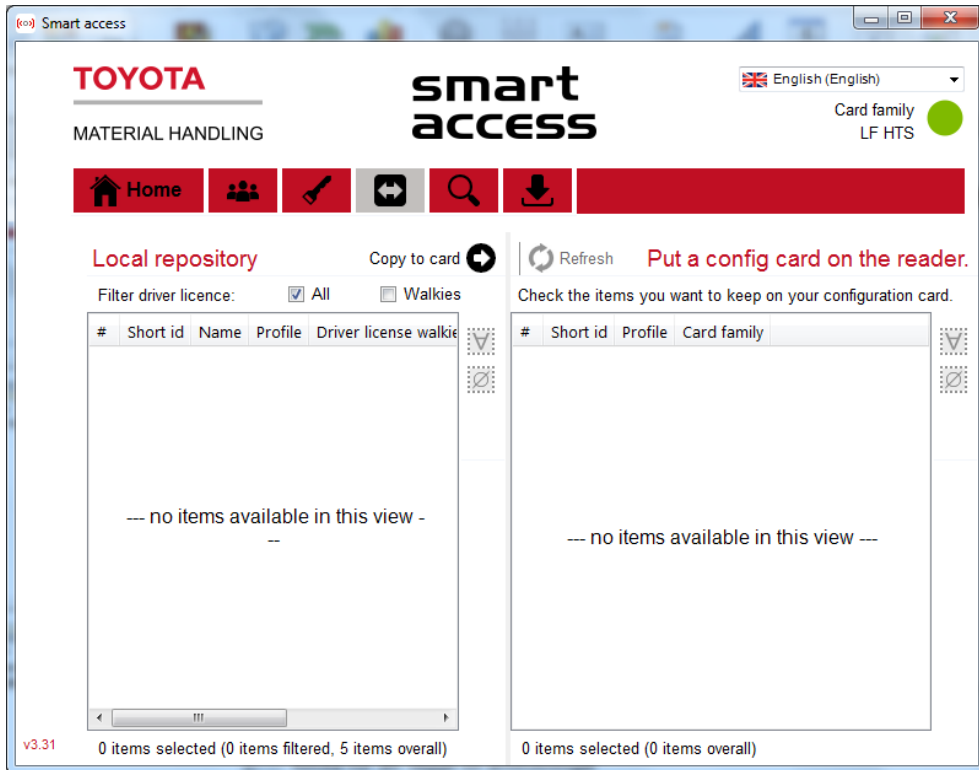


1. Put driver card on the reader and fill in Short id, Name, Profile and Driver licence (Make sure chosen profile is active on the truck)
2. Press "Insert" – Confirmation is shown. Go on with next driver card (if any)
3. Add at least one driver as Supervisor (Will give driver profile 12)
4. Under "Home" you will see the complete list of drivers added



Go to "Read/write configuration card".

Put a configuration card on the reader.



Nej/No: If you don't want to keep the drivers that already exists on the card.

Ja/Yes: If you want to work on the drivers that already is configured on the card.

Select drivers to be written to the Configuration Card and press “Copy to card”, confirm by pressing “Write”.

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TOYOTA MATERIAL HANDLING

smart access

English (English)

Card family LF HTS

Home

Local repository Copy to card

Filter driver licence:  All  Walkies

#	Short id	Name	Profile	Driver licen
<input checked="" type="checkbox"/>	1	Bobby Brown	1	yes
<input checked="" type="checkbox"/>	2	Super Visor	12	yes
<input type="checkbox"/>	3	Al Pacino	4	yes
<input type="checkbox"/>	4	Carl Lewis	0	no
<input checked="" type="checkbox"/>	5	Penny Lane	5	yes

3 items selected (5 items filtered, 5 items overall)

Card content (Card family LF HTS)

Check the items you want to keep on your configuration card.

#	Short id	Profile	Card family
--- no items available in this view ---			

0 items selected (0 items overall)

Confirm changes to configuration card

Before your configuration card is written, please check the below list for correctness. This list shows the contents of the configuration card after the transfer.

Do you want to continue?

#	Short id	Name	Profile	Driver license walkies	Driver license others	Card family
Items to be transferred onto the config card (3)						
1	4	Penny Lane	5	yes	yes	LF HTS
2	10	Super Visor	12	yes	yes	LF HTS
3	1	Bobby Brown	1	yes	no	LF HTS

Write Cancel

Transfer complete!

To double-check configuration card content take it off the reader and on again, answer ja/yes to see the content in right table

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TOYOTA MATERIAL HANDLING smart access English (English) Card family LF HTS

Home [Icons]

Local repository Copy to card

Filter driver licence:  All  Walkies

#	Short id	Name	Profile	Driver licer	
<input checked="" type="checkbox"/>	1	1	Bobby Brown	1	yes
<input checked="" type="checkbox"/>	2	10	Super Visor	12	yes
<input type="checkbox"/>	3	2	Al Pacino	4	yes
<input type="checkbox"/>	4	3	Carl Lewis	0	no
<input checked="" type="checkbox"/>	5	4	Penny Lane	5	yes

3 items selected (5 items filtered, 5 items overall)

Card content (Card family LF HTS)

Check the items you want to keep on your configuration card.

#	Short id	Profile	Card family
<input type="checkbox"/>	1	1	LF HTS
<input type="checkbox"/>	2	10	LF HTS
<input type="checkbox"/>	3	4	LF HTS

0 items selected (0 items overall)

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Smart access

TOYOTA MATERIAL HANDLING smart access English (English) Card family LF HTS

Home [Icons]

Local repository Copy to card

Filter driver licence:  All  Walkies

#	Short id	Name	Profile	Driver licer	
<input checked="" type="checkbox"/>	1	1	Bobby Brown	1	yes
<input checked="" type="checkbox"/>	2	10	Super Visor	12	yes
<input type="checkbox"/>	3	2	Al Pacino	4	yes
<input type="checkbox"/>	4	3	Carl Lewis	0	no
<input checked="" type="checkbox"/>	5	4	Penny Lane	5	yes

3 items selected (5 items filtered, 5 items overall)

Card content (Card family LF HTS)

Check the items you want to keep on your configuration card.

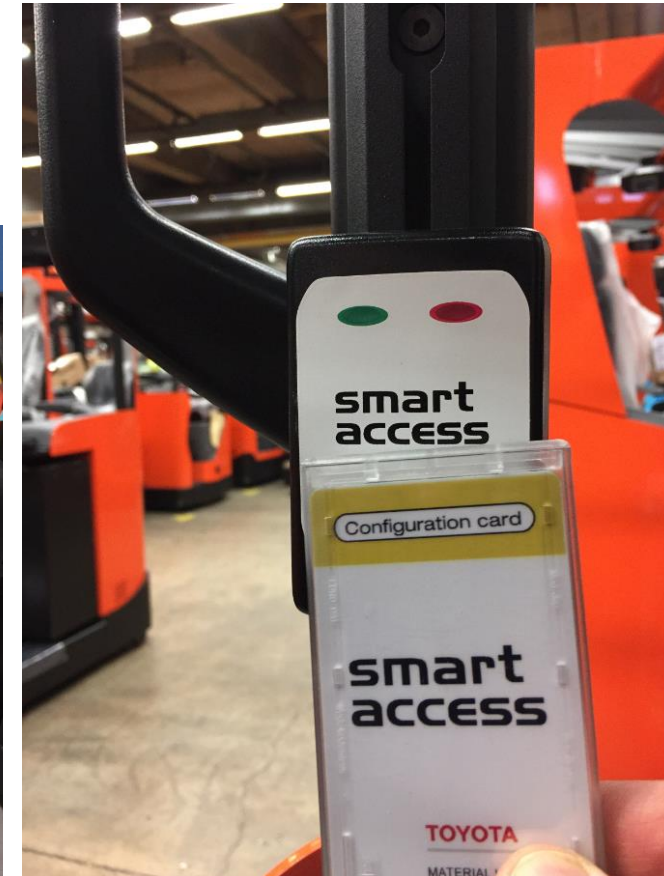
#	Short id	Profile	Card family
<input checked="" type="checkbox"/>	1	1	LF HTS
<input checked="" type="checkbox"/>	2	10	LF HTS
<input checked="" type="checkbox"/>	3	4	LF HTS

0 items selected (3 items overall)

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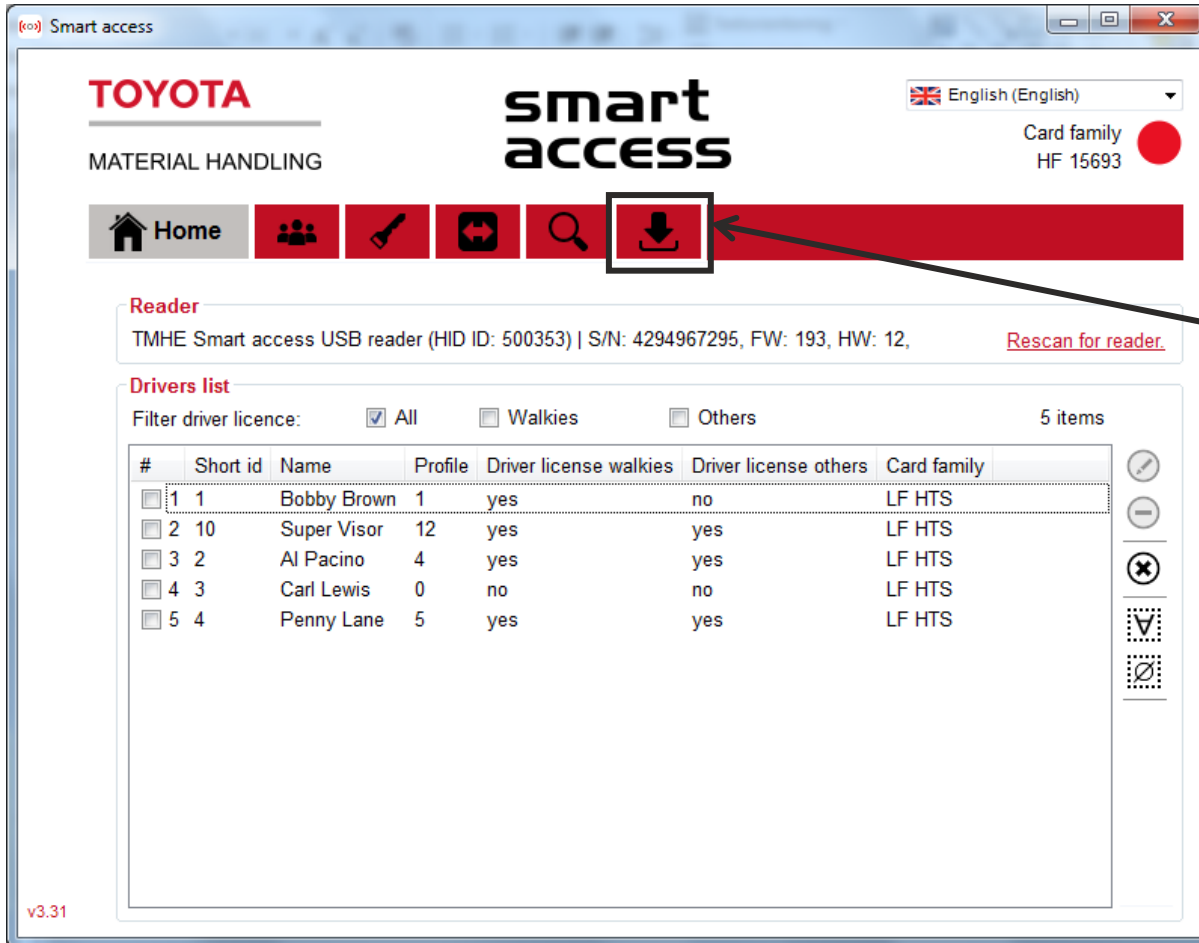
1. Make sure the truck is connected to battery
2. Hold the configuration card in front of the reader
3. The LED's will start flashing during the transfer
4. Green LED will lit after successful transfer



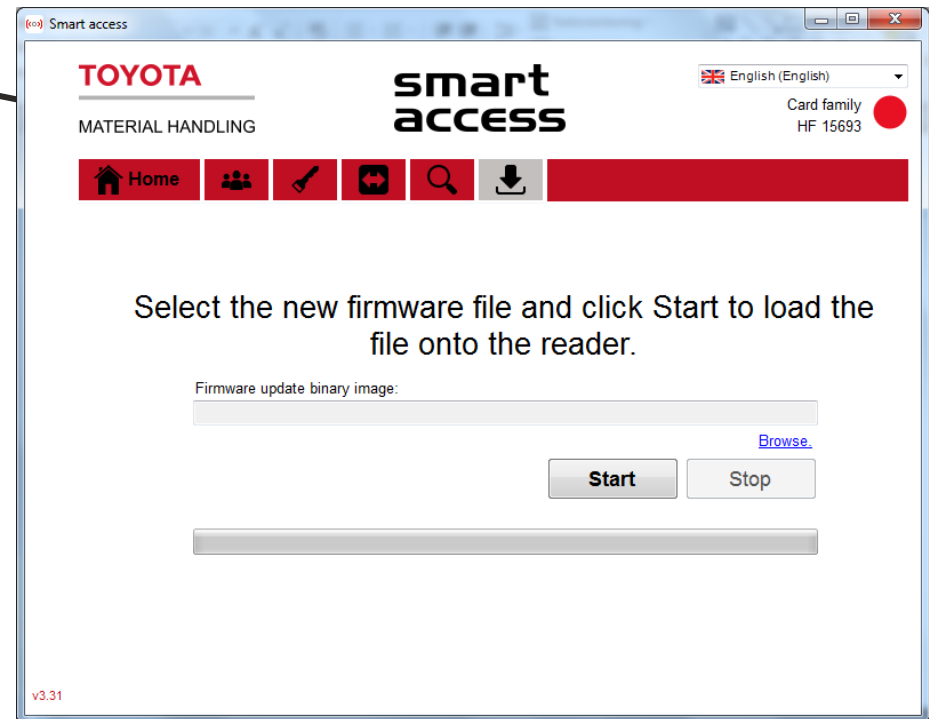


1. Make sure the truck is connected to battery
2. Hold the driver card/fob in front of the reader
3. The green LED will start flashing if card is read successfully
4. Press the green button to start the truck





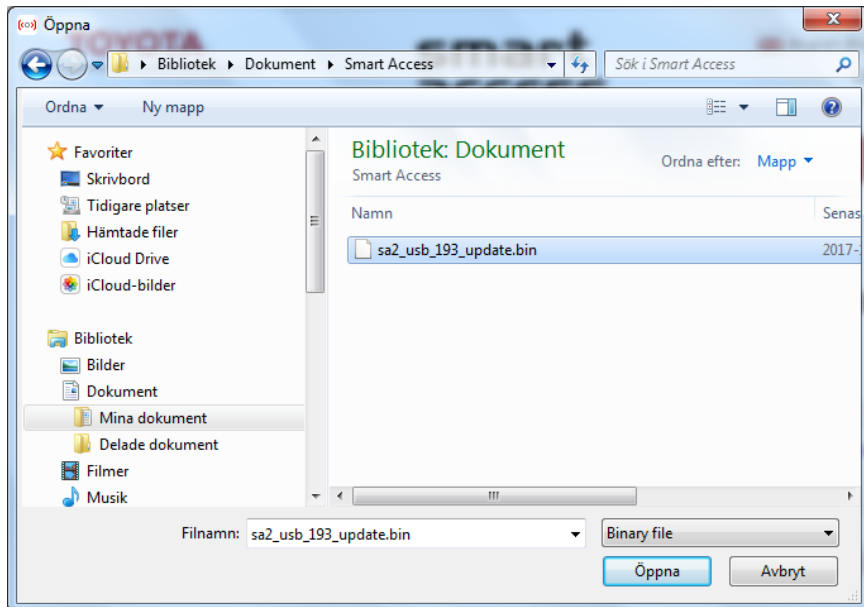
1. Download new firmware from central webpage: [Link](#)
2. Press button for firmware download to start the process



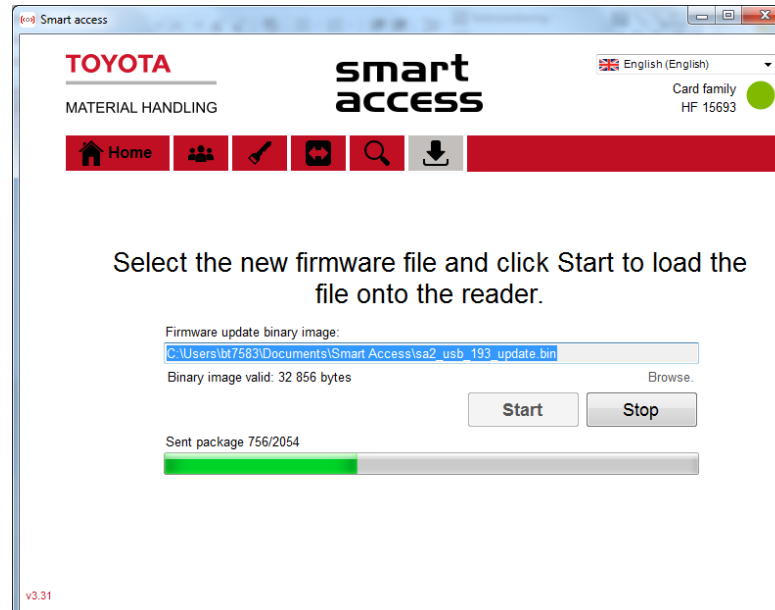


1. Press on "browse" to catch the downloaded firmware in the file browser
2. Press "Start" to start upgrade
3. When finished – you will be asked to reconnect the USB-programmer to finish the installation
4. Perform "Rescan for reader" from "Home page" to connect with the USB-programmer again.

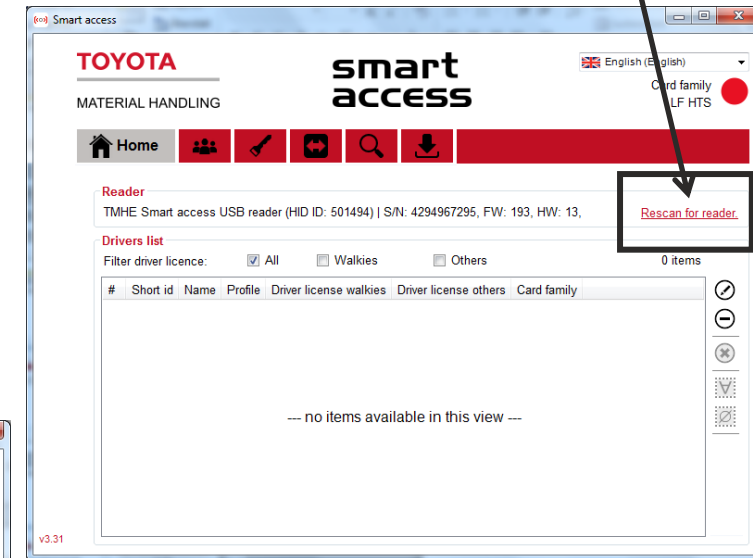
1



2



4



3

