



DeviceLab
EXTRACTING VALUE

DeviceLab Payload Collector, - How to “Load” and “Delete” keys!

The Payload Collector App supports decrypting frames and for that use relevant keys must be loaded!

About this Guide!

This Guide is written and illustrated based on the latest release version of the Payload Collector App available at the time of this Guides release.

We are actively updating our Guides, but we reserve the right to deviate as updates to the Payload Collector App with fixes and new features may have been released since this Guide was published.

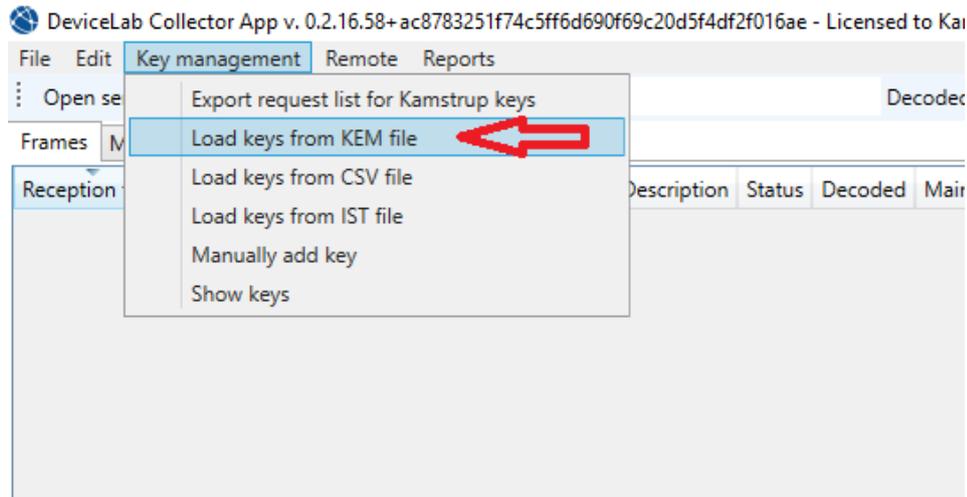
*Please visit our website: www.device-lab.dk
or contact our support: support@device-lab.dk
for the latest information.*

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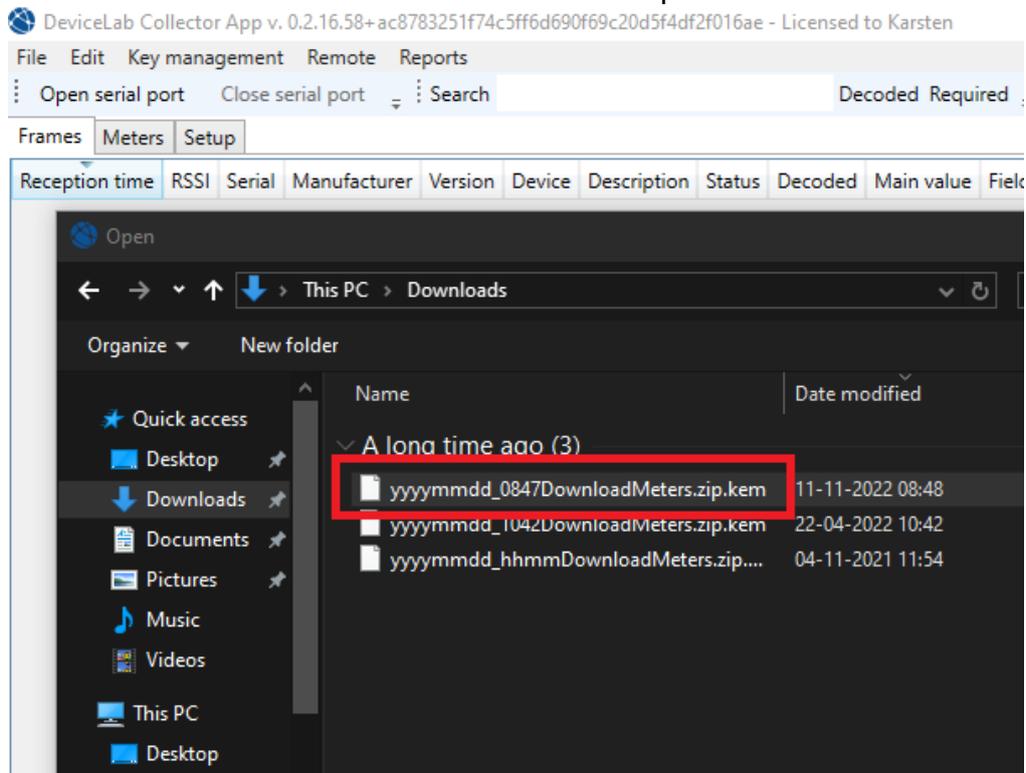


How to load keys from a Kamstrup "KEM file":

In the Payload Collector, open "Key management" and select "Load keys from KEM file".



Locate and select the KEM file and Press "Open"

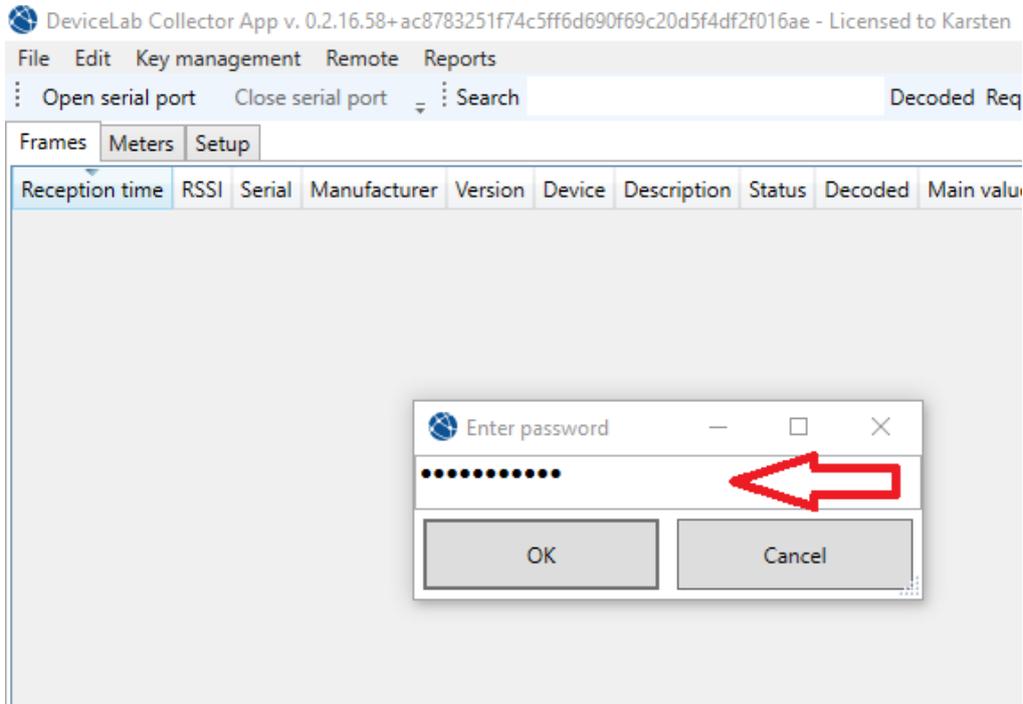


Enter the KEM file password, press "OK" and the keys are loaded!



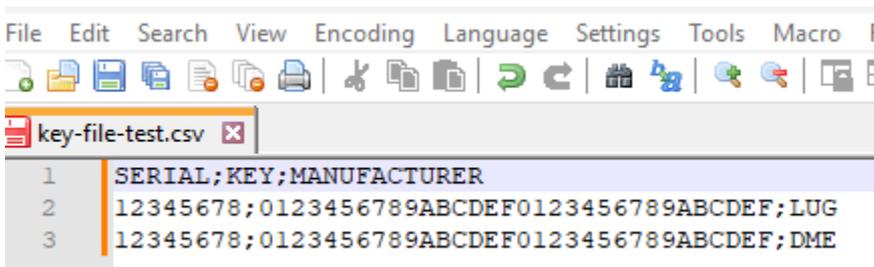
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How to load keys from a "CSV file":

The format of the .csv file must be as follows...



Example:

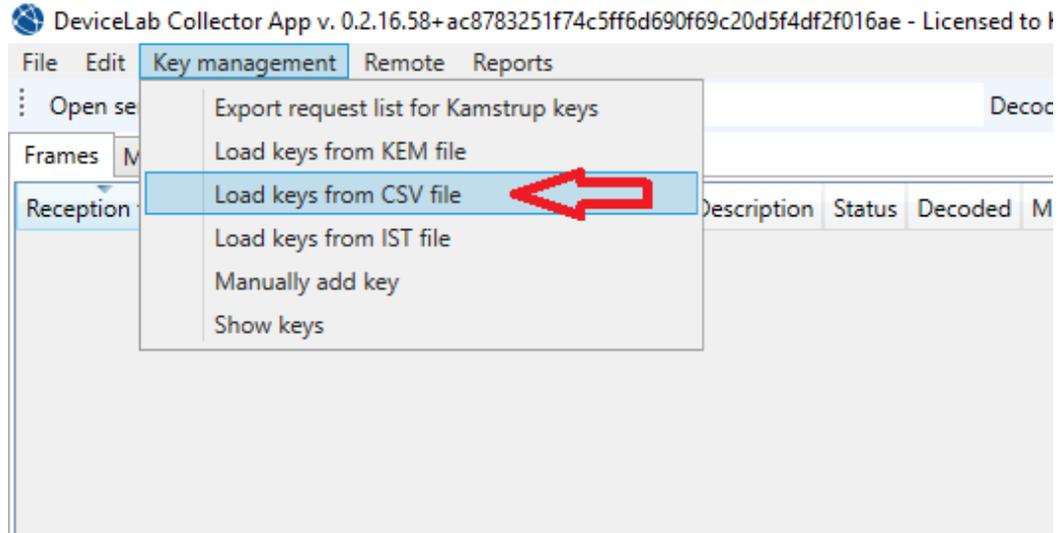
```
SERIAL;KEY;MANUFACTURER  
12345678;0123456789ABCDEF0123456789ABCDEF;LUG  
12345678;0123456789ABCDEF0123456789ABCDEF;DME
```



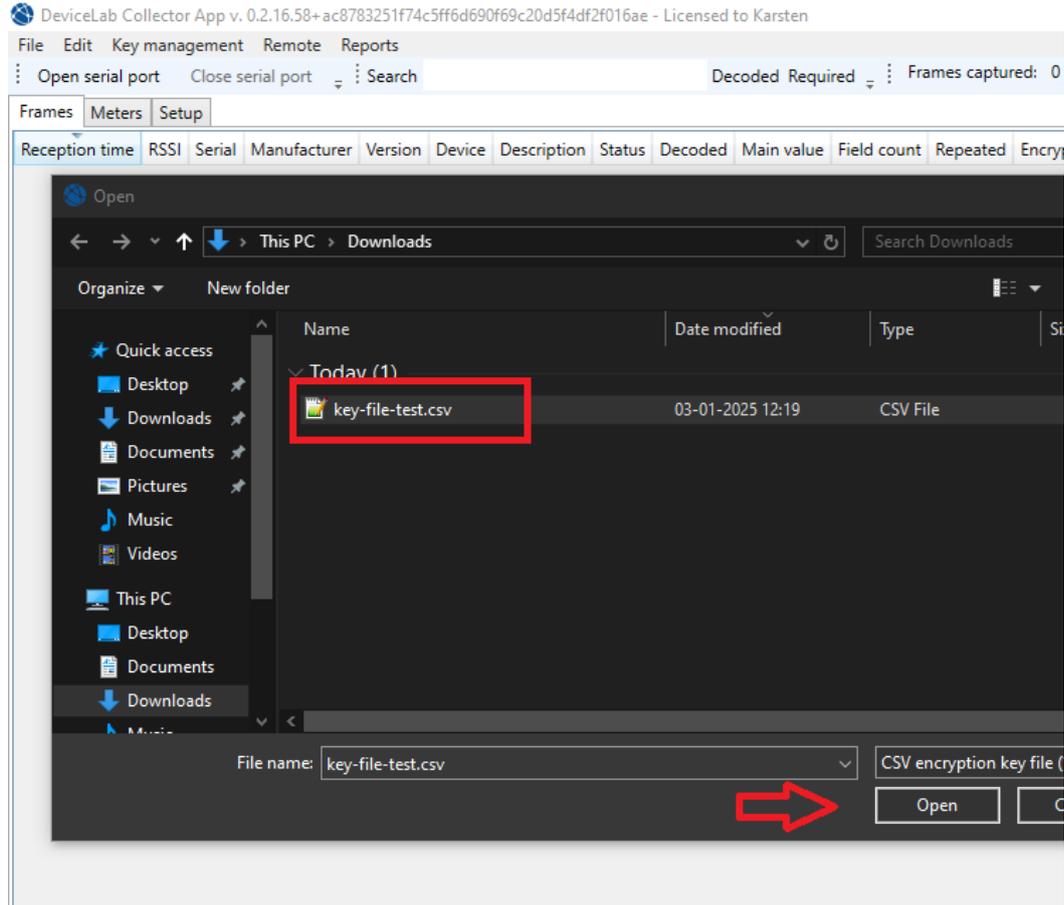
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In the Payload Collector, open "Key management" and select "Load keys from CSV file".



Locate and select the CSV file, press "Open" and the keys are loaded.





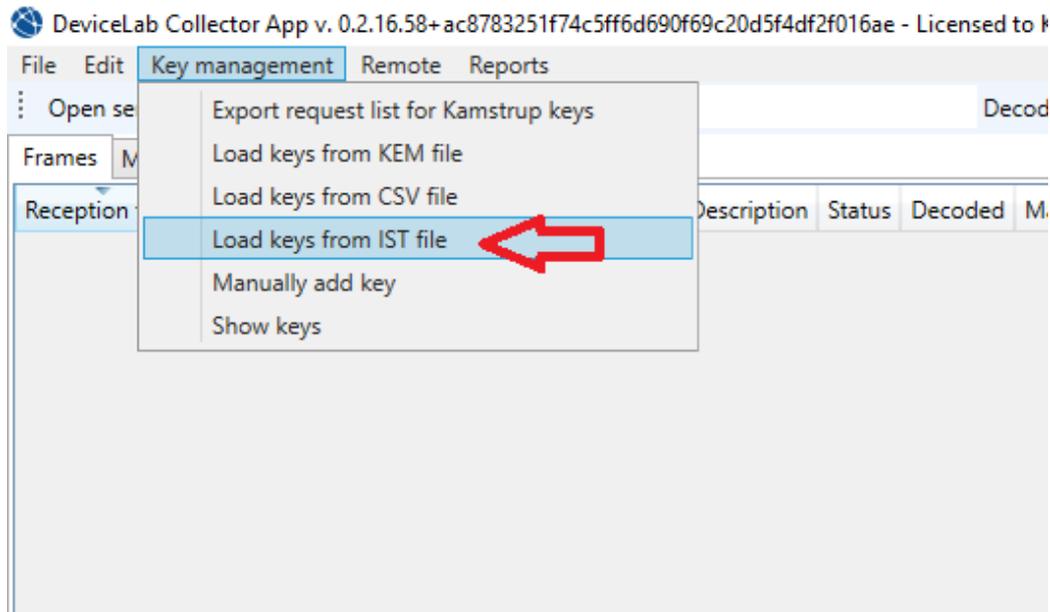
How to load keys from a "IST file":

If you have received a ISTA key file formatted as follows...

```
IST-keys.txt
1 deviceID;Key
2 5112112345678;01-23-45-67-89-AB-CD-EF-01-23-45-67-89-AB-CD-EF
```

This can be loaded as a "IST file".

In the Payload Collector, open "Key management" and select "Load keys from IST file".

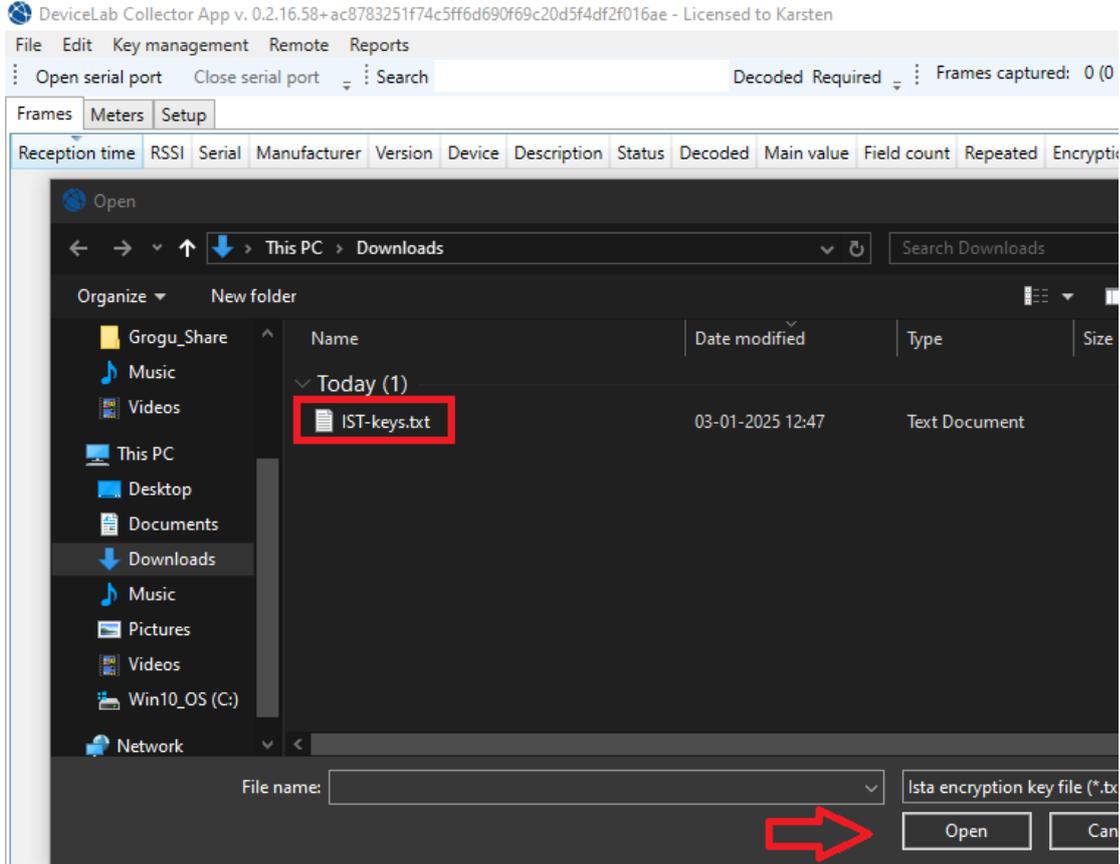




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Locate and select the IST file, press "Open" and the keys are loaded.

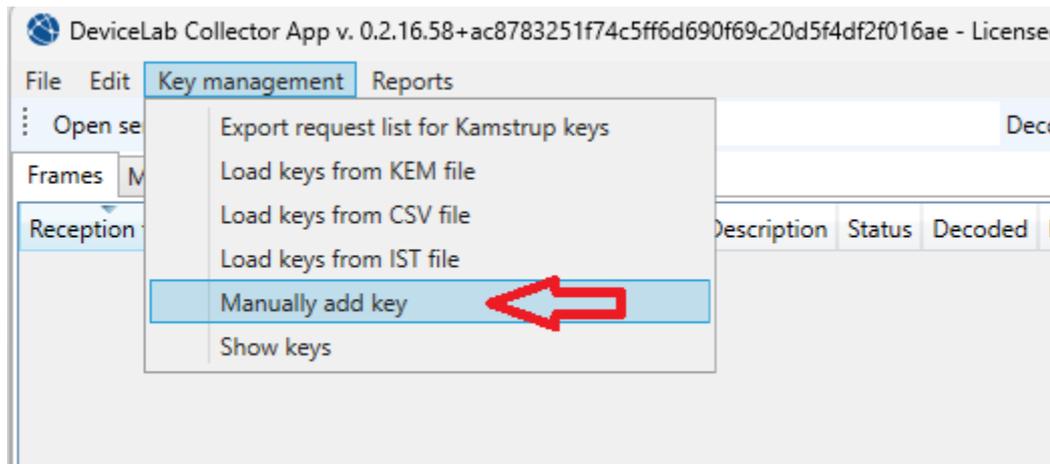




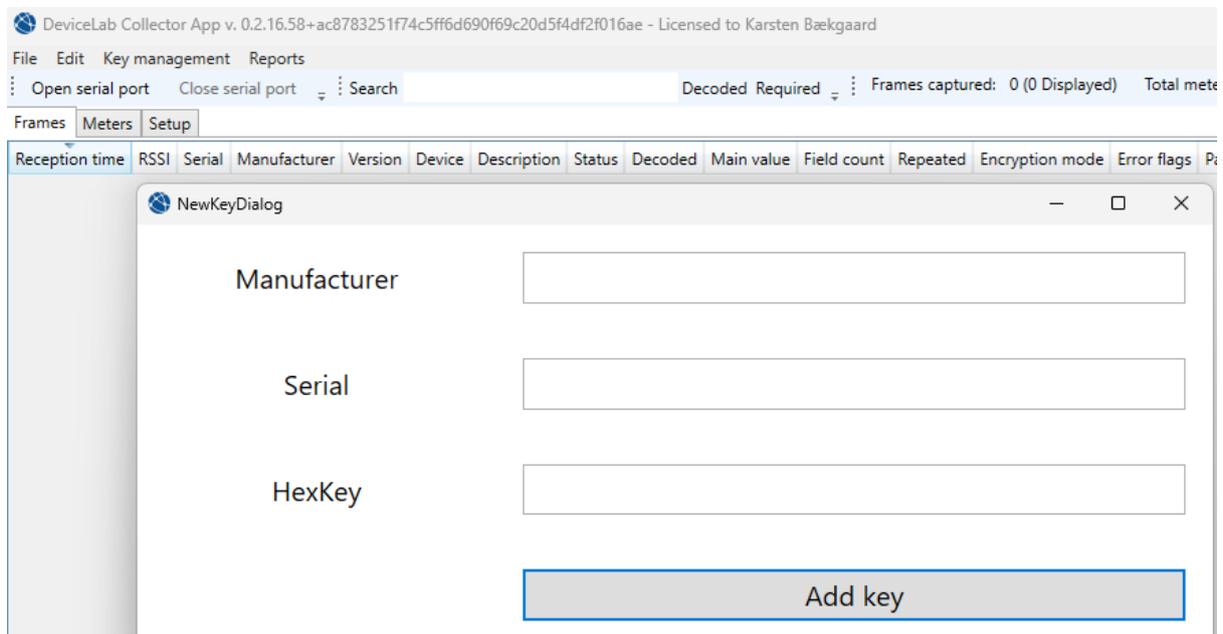
How to load keys "Manually":

Single keys can also be added manually...

In the Payload Collector, open "Key management" and select "Manually add key".



Enter "Manufacture", "Serial", "Hexkey" and press "Add key" to load key!



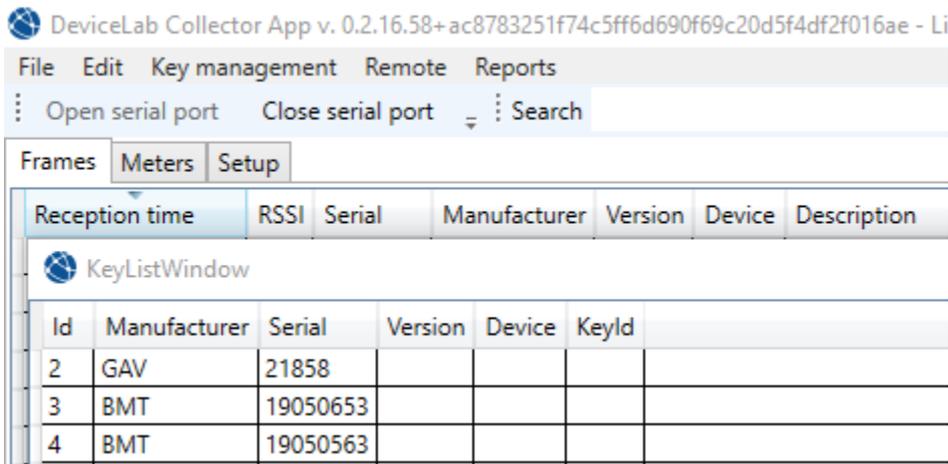
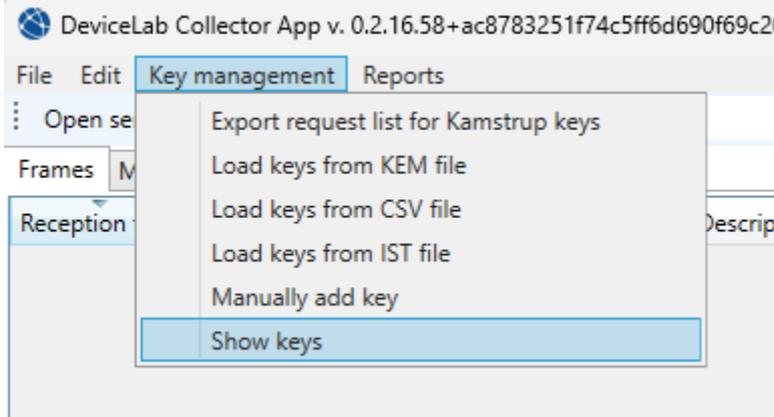


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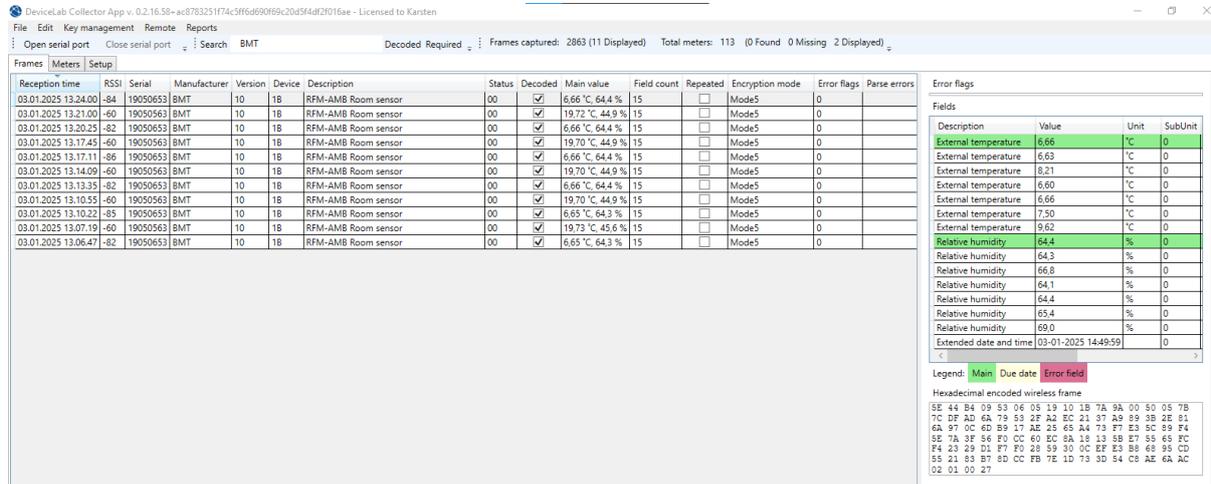
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Find devices with loaded keys:

Devices with a loaded key is shown in the Payload Collector under "Show keys".



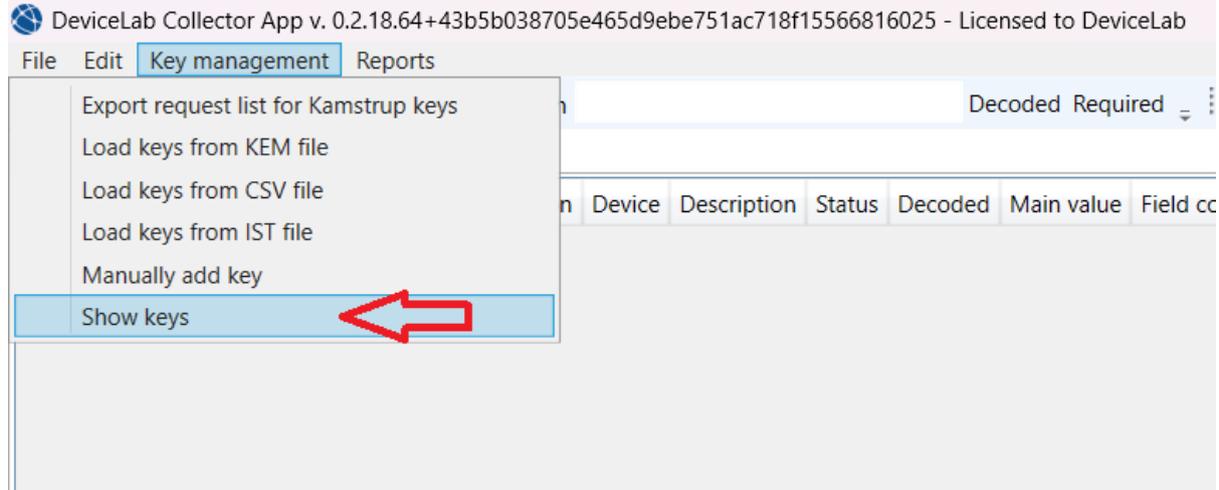
Values and info for devices with loaded key are now shown in Payload Collector:





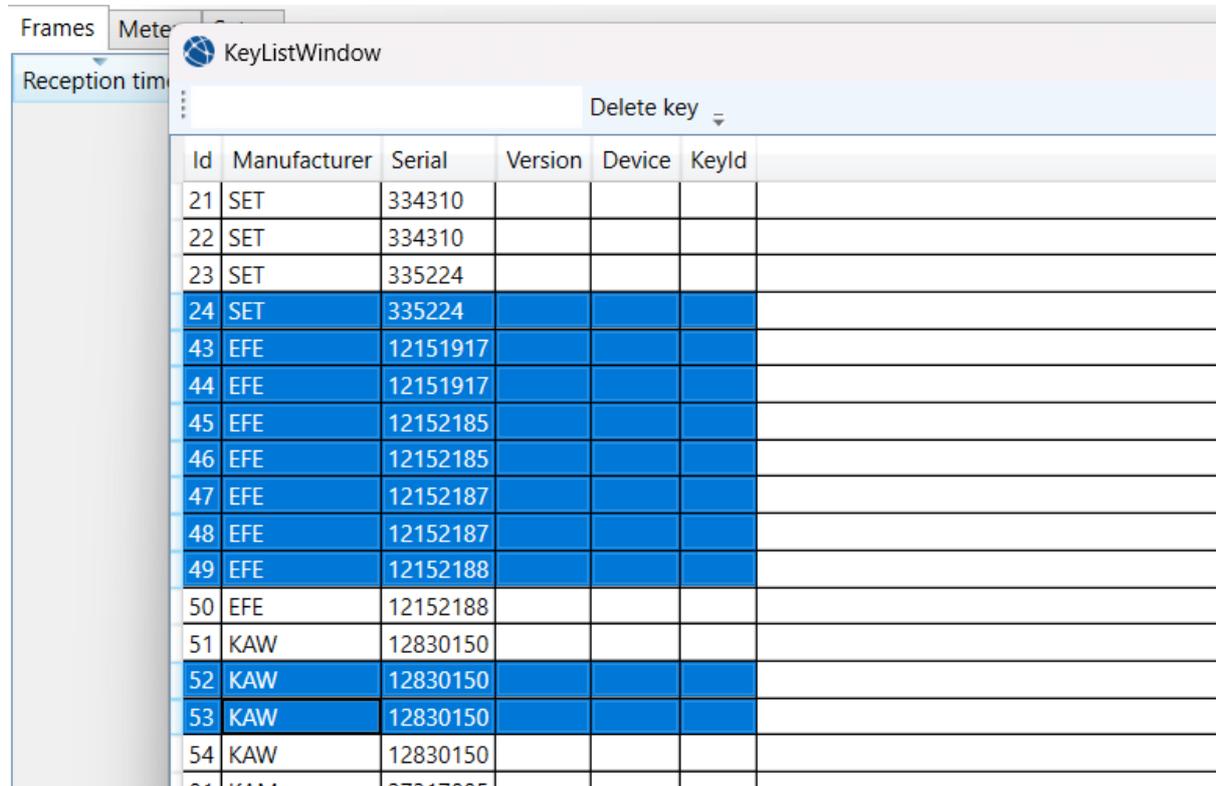
How to Delete loaded keys:

Go to and select "Show keys"



Select:

- a single key by clicking on it...
- several keys by clicking on them while holding the "Ctrl" button down...
- a row by clicking on the first one and holding "Shift" while clicking on the last one.





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Key store

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“Right-click” and press “Delete selected keys” or just press the “Delete key” button.

Open serial port Close serial port Search Decoded Required

Frames Meter

KeyListWindow

Reception time

Delete key

Id	Manufacturer	Serial	Version	Device	KeyId
21	SET	334310			
22	SET	334310			
23	SET	335224			
24	SET	335224			
43	EFE	12151917			
44	EFE	12151917			
45	EFE	12152185			
46	EFE	12152185			
47	EFE	12152187			
48	EFE	12152187			
49	EFE	12152188			
50	EFE	12152188			
51	KAW	12830150			
52	KAW	12830150			
53					
54	KAW	12830150			
81	KAM	27317005			
82	KAM	27317005			
83	KAM	27317402			

Delete selected keys



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Confirm by pressing "OK"

Open serial port Close serial port Search Decoded Required Frames captured: 0 (0 Display)

KeyListWindow

Id	Manufacturer	Serial	Version	Device	Keyld
21	SET	334310			
22	SET	334310			
23	SET	335224			
24	SET	335224			
43	EFE	12151917			
44	EFE	12151917			
45	EFE	12152185			
46	EFE	12152185			
47	EFE	12152187			
48	EFE	12152187			
49	EFE	12152188			
50	EFE	12152188			
51	KAW	12830150			
52	KAW	12830150			
53	KAW	12830150			
54	KAW	12830150			
81	KAM	27317005			
82	KAM	27317005			
83	KAM	27317402			

Key deletion

Really delete keys with ids: 24, 43, 44, 45, 46, 47, 48, 49, 52, 53

OK Cancel

And keys are now deleted!

Note! – that deleted keys can't be restored!

Open serial port Close serial port Search Decoded Required

KeyListWindow

Id	Manufacturer	Serial	Version	Device	Keyld
21	SET	334310			
22	SET	334310			
23	SET	335224			
50	EFE	12152188			
51	KAW	12830150			
54	KAW	12830150			
81	KAM	27317005			
82	KAM	27317005			
83	KAM	27317402			
84	KAM	27317402			
85	KAM	30655841			
86	KAM	30655841			
87	DME	58002344			
88	DME	58002344			