



DeviceLab Payload Collector, - How to load keys!

The Payload Collector supports loading a predefined meterlist for monitoring of collecting specific devices!

How to create a predefined meterlist:

A predefined meter-list must be in the following format...

```
meterlist-test.csv
1 "Serial";"Manufacturer";"Notes"
2 "00185818";"ABB";"Office electricity meter"
3 "00021858";"GAV";"Main electricity meter"
4 "63000055";"ELV";"Office climate"
5 "80719641";"KAM";"Heat,North"
6 "80719652";"KAM";"Heat,South"
7 "19050653";"BMT";"Garage climate"
8 "19050563";"BMT";"Celler climate"
9
10
11
```

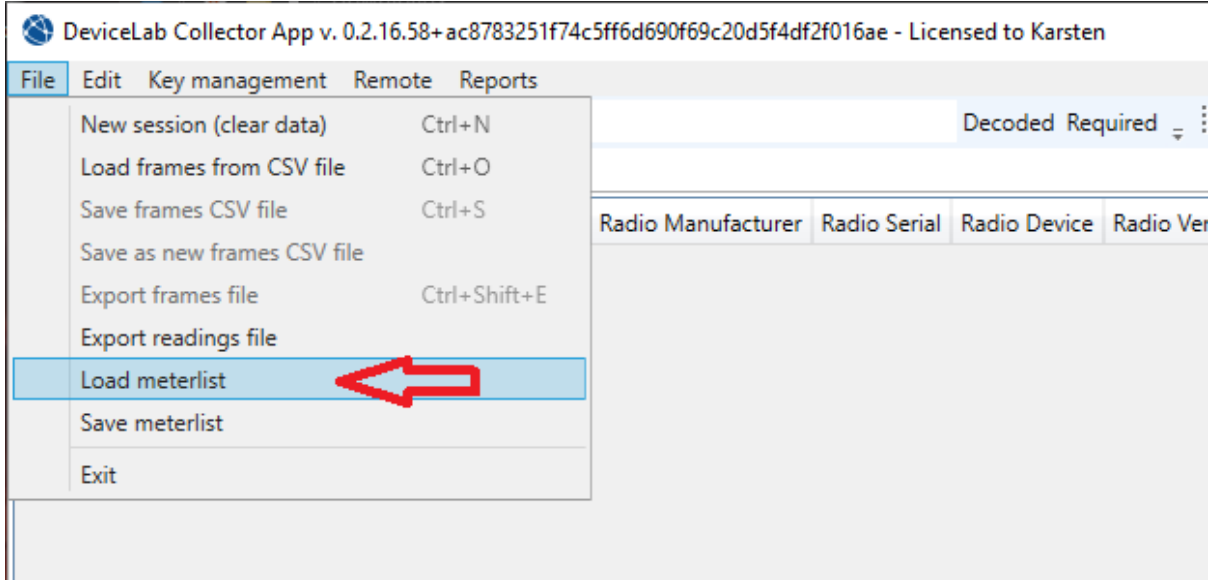
```
"Serial";"Manufacturer";"Notes"
"00185818";"ABB";"Office electricity meter"
"00021858";"GAV";"Main electricity meter"
"63000055";"ELV";"Office climate"
"80719641";"KAM";"Heat, North"
"80719652";"KAM";"Heat, South"
"19050653";"BMT";"Garage climate"
"19050563";"BMT";"Celler climate"
```

"Notes" - can be whatever it takes to recognize the device and its location.

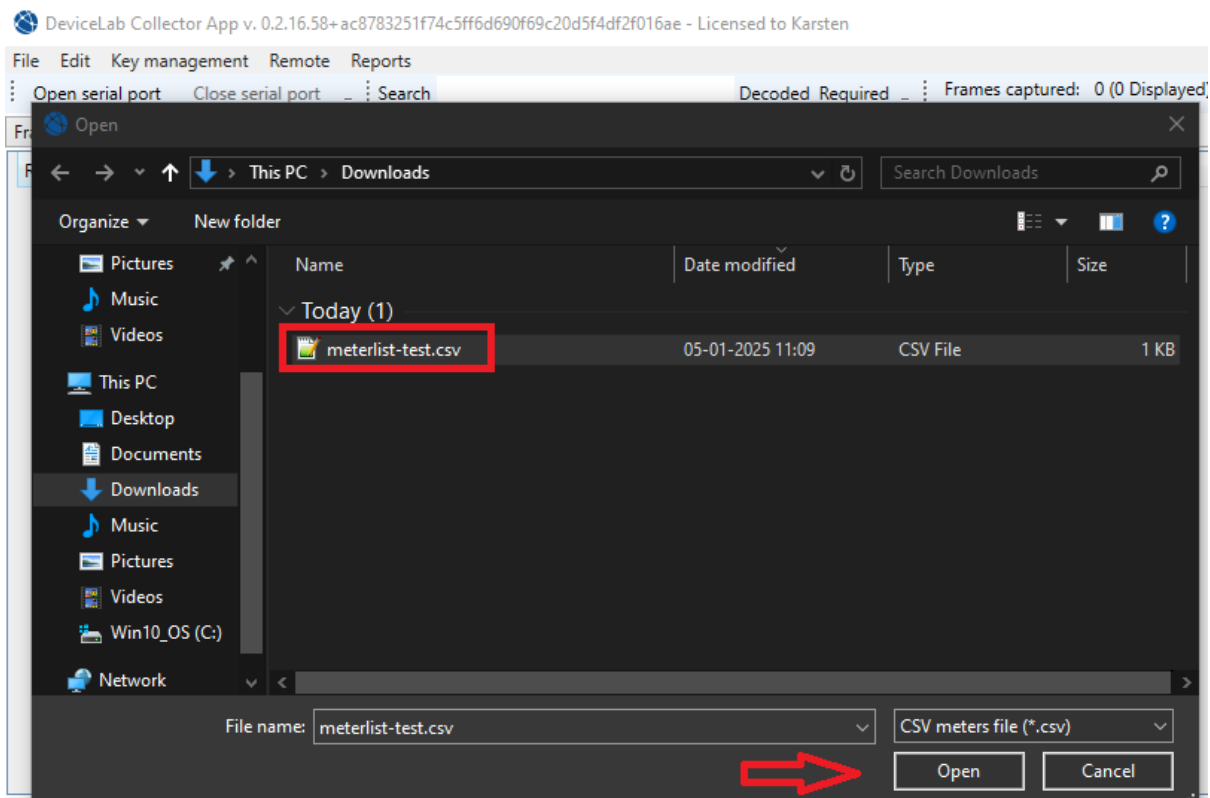


How to load a predefined meterlist:

In the Payload Collector, open "File" and select "Load meterlist".



Locate and select your created "meterlist" file and Press "Open"





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EXTRACTING VALUE

In the Payload Collector's meter view, the loaded "meterlist" can now be seen.

Required	Manufacturer	Serial	Device	Version	Radio Manufacturer	Radio Serial	Radio Device	Radio Version	Description	Latest value	Format signature	Frame count	Decoded	Notes
<input checked="" type="checkbox"/>	ELV	63000055										0	<input type="checkbox"/>	Office climate
<input checked="" type="checkbox"/>	KAM	80719652										0	<input type="checkbox"/>	HeatSouth
<input checked="" type="checkbox"/>	BMT	19050563										0	<input type="checkbox"/>	Celler climate
<input checked="" type="checkbox"/>	BMT	19050563										0	<input type="checkbox"/>	Garage climate
<input checked="" type="checkbox"/>	KAM	80719641										0	<input type="checkbox"/>	HeatNorth
<input checked="" type="checkbox"/>	GAV	21858										0	<input type="checkbox"/>	Main electricity meter
<input checked="" type="checkbox"/>	ABB	185818										0	<input type="checkbox"/>	Office electricity meter

Now press "Open serial port" to start your data collection*

Collected devices turns green as they got collected with a value. It means that a key** is loaded or the device is unencrypted!

Required	Manufacturer	Serial	Device	Version	Radio Manufacturer	Radio Serial	Radio Device	Radio Version	Description	Latest value	Format signature	Frame count	Decoded	Notes
<input checked="" type="checkbox"/>	ELV	63000055										0	<input type="checkbox"/>	Office climate
<input checked="" type="checkbox"/>	KAM	80719652										0	<input type="checkbox"/>	HeatSouth
<input checked="" type="checkbox"/>	BMT	19050563										0	<input type="checkbox"/>	Celler climate
<input checked="" type="checkbox"/>	BMT	19050563										0	<input type="checkbox"/>	Garage climate
<input checked="" type="checkbox"/>	KAM	80719641										0	<input type="checkbox"/>	HeatNorth
<input checked="" type="checkbox"/>	GAV	21858	02	00					EM24DINAV23 - 3 phases	224900 Wh	643	1	<input checked="" type="checkbox"/>	Main electricity meter
<input checked="" type="checkbox"/>	ABB	185818	02	20					Electricity meter	1964050 Wh	50455	6	<input checked="" type="checkbox"/>	Office electricity meter
<input type="checkbox"/>	KAM	73004254	32	04					Unidirectional repeater			5	<input type="checkbox"/>	
<input type="checkbox"/>	KAM	73017868	32	04					Unidirectional repeater			3	<input type="checkbox"/>	
<input type="checkbox"/>	KAM	73004707	32	04					Unidirectional repeater			4	<input type="checkbox"/>	

Devices with no keys loaded shows up "Yellow", - eventually not received devices stays "Red"

Devices in the meterlist is marked in "Required! - other received devices in the area is shown below in Yellow!

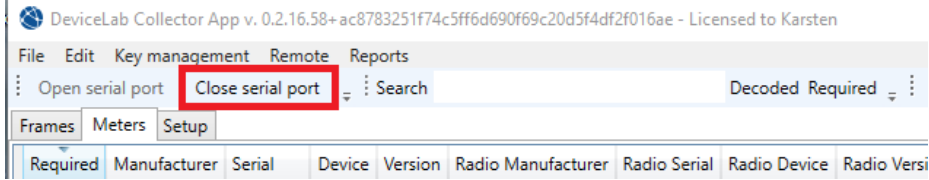
Required	Manufacturer	Serial	Device	Version	Radio Manufacturer	Radio Serial	Radio Device	Radio Version	Description	Latest value	Format signature	Frame count	Decoded	Notes
<input checked="" type="checkbox"/>	ABB	185818	02	20					Electricity meter	1964060 Wh	50455	42	<input checked="" type="checkbox"/>	Office electricity meter
<input checked="" type="checkbox"/>	GAV	21858	02	00					EM24DINAV23 - 3 phases	224900 Wh	643	3	<input checked="" type="checkbox"/>	Main electricity meter
<input checked="" type="checkbox"/>	ELV	63000055	1B	0A					Room sensor	3,58 °C, 75,5 %	33489	1	<input checked="" type="checkbox"/>	Office climate
<input checked="" type="checkbox"/>	KAM	80719641	04	35					MultiCal 603 - Heat mete			5	<input type="checkbox"/>	HeatNorth
<input checked="" type="checkbox"/>	KAM	80719652										0	<input type="checkbox"/>	HeatSouth
<input checked="" type="checkbox"/>	BMT	19050563	1B	10					RFM-AMB Room sensor	7,40 °C, 64,4 %	4013	1	<input checked="" type="checkbox"/>	Garage climate
<input checked="" type="checkbox"/>	BMT	19050563	1B	10					RFM-AMB Room sensor	20,51 °C, 46,5 %	4013	2	<input checked="" type="checkbox"/>	Celler climate
<input type="checkbox"/>	KAW	23521327	16	3A					KWM2210 - Cold water m			2	<input type="checkbox"/>	
<input type="checkbox"/>	KAM	73005061	32	04					Unidirectional repeater			8	<input type="checkbox"/>	
<input type="checkbox"/>	KAM	73005137	32	04					Unidirectional repeater			4	<input type="checkbox"/>	
<input type="checkbox"/>	KAM	6839585	04	1A					MultiCal 601 - Heat mete			2	<input type="checkbox"/>	



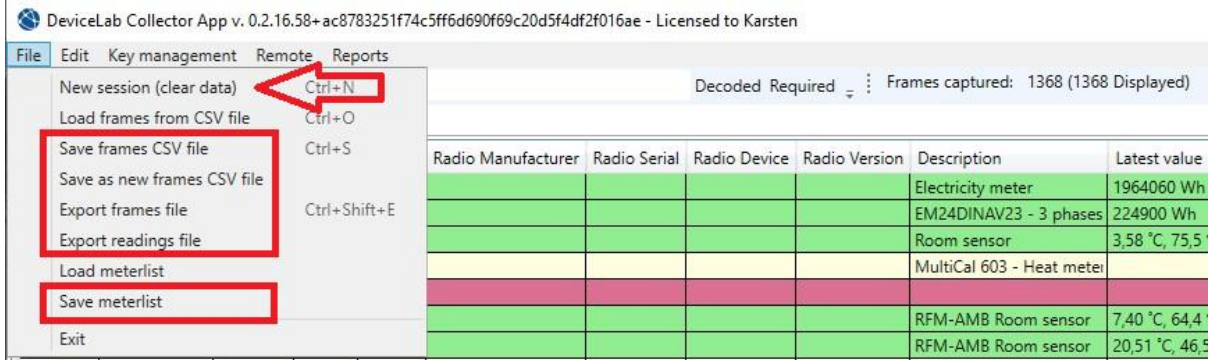
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EXTRACTING VALUE

When finish, - press "Close serial port" to stop data collection!



Now it's possible to save the collected date in different formats!



"Save frames CSV file": *Save "frames" in a new file for later import using "Load frames from CSV file" or update previously saved file if it exists... - this feature can be used repeatedly during the data collection.*

"Save frames CSV file": *Save "frames" in a new file for later import using "Load frames from CSV file"*

"Export frames file": *Save a .csv file with "telegrams only"*

"Export readings file": *Save a .csv file with "readings"*

"Save meterlist": *Save a .csv file with meter marked "Required", - no metes marked saves a list of all collected devices!*

"New session (clear data)": *Clear all collected data and loaded meterlist!!!*



* More info on How To collect and save data, see **"plc-getting-started"**

** More info on How To load keys, see **"plc-key-management"**