



DeviceLab
EXTRACTING VALUE

DeviceLab Payload Collector, - Export formats!

The Payload Collector App supports saving collected frames and several exports optimized for different purposes.

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.

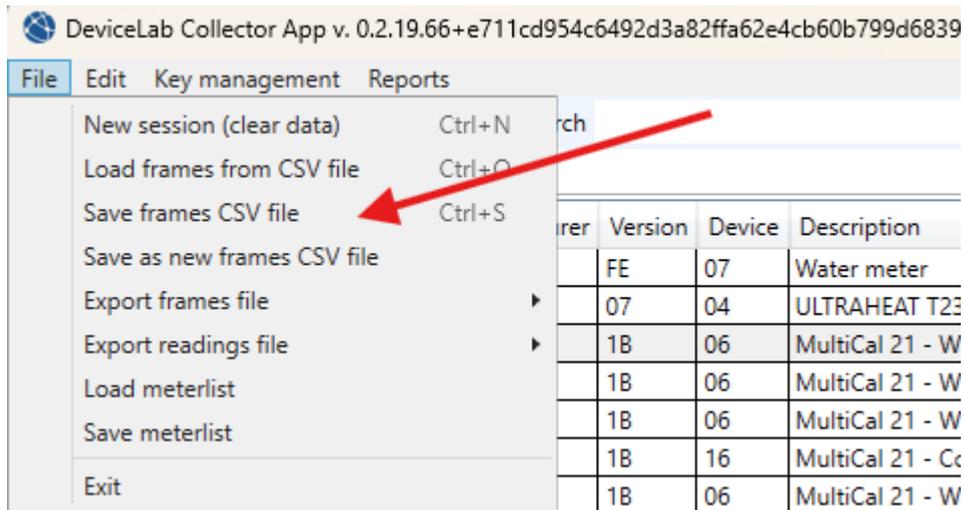
*Please visit our website: www.device-lab.dk
or contact our support: support@device-lab.dk
for the latest information.*

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Saving collected frames:

Save frames CSV files: Use "Save Frames CSV files" to continuously save data while you are collecting your data and when you're done and have "Close serial port" to finish your collecting job!

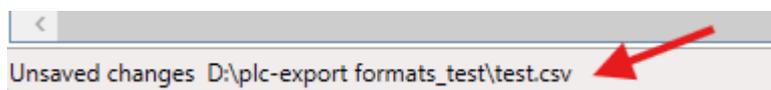


First time saving you will be asked to give the file name and where to save it. While you're collecting, a status in the lower left corner will show...

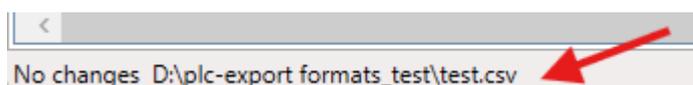
Collected data not saved and no filename is given!



A filename is given, but there are new collected data there is not saved!



All collected so far is saved!

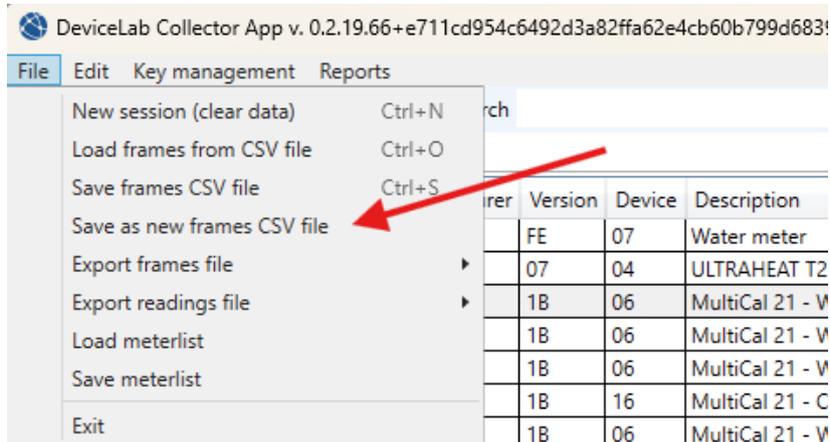




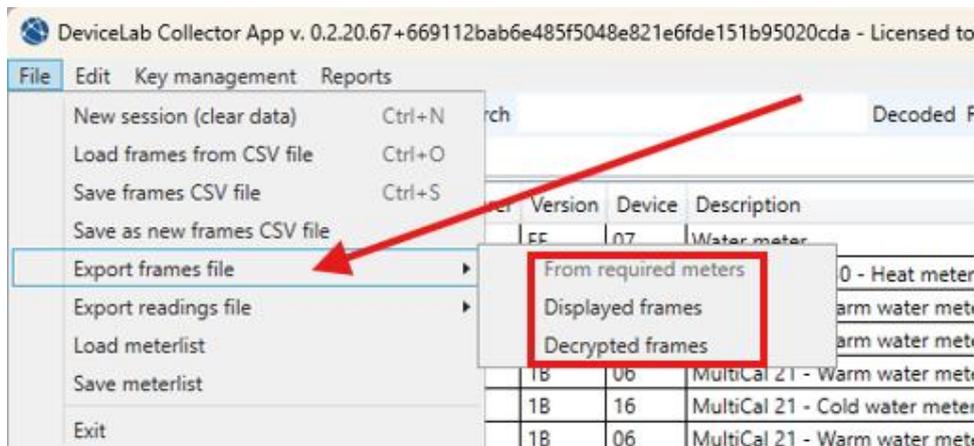
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Save as new frames CSV files: “Save as new Frames CSV files” gives you the ability to save collected and new collected data in a new file with a new name.



Export frames file: Use “Export frames file” to export a subset of the collected data options... – there are 3 options!





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-> **From required meters:** A meter is marked as "Required" if you have loaded a "meterlist" or if manually has marked some as "Required" on the "Meters" tab.

Required	Manufacturer	Serial	Device	Version	Radio Manufacturer	Rad
<input checked="" type="checkbox"/>	ABB	185818	02	20		
<input type="checkbox"/>	KAW	10093964	16	3A		
<input type="checkbox"/>	KAM	6839585	04	1A		
<input checked="" type="checkbox"/>	KAM	73004797	32	04		
<input checked="" type="checkbox"/>	KAM	73005061	32	04		
<input type="checkbox"/>	KAM	69403147	04	1C		

-> **Displayed frames:** A meter is marked as "Displayed" for example, if it is searched for by Manufacturer, Serial, Device, Version...

Required	Manufacturer	Serial	Device	Version	Radio Manufacturer	Radio Serial	R
<input type="checkbox"/>	GAV	21858	02	00			

- or if "Decoded" is selected!

Required	Manufacturer	Serial	Device	Version	Radio Manufacture	Radio Serial	Radio Device
<input type="checkbox"/>	ABB	185818	02	20			
<input type="checkbox"/>	ELV	63000055	1B	0A			
<input type="checkbox"/>	GAV	21858	02	00			



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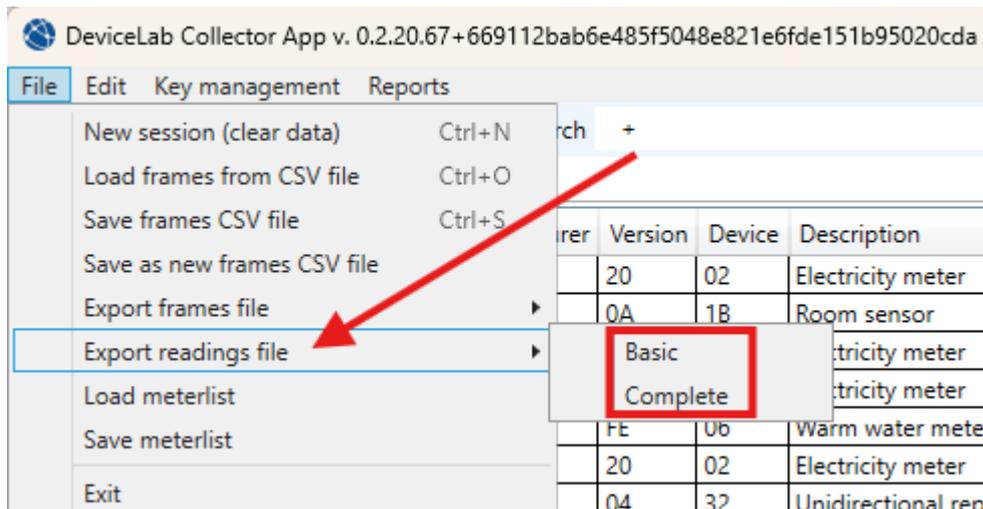
-> **decrypted frames:** Will export frames that are decrypted because a key has been uploaded or if the meter is running unencrypted!

Export readings file: Use "Export readings file" to export file with readings...
- there are 2 options in this function!

Note!

*If some meters are marked as "Required" or if you have loaded a "meterlist",
- these meters will be exported if they have a "reading value".*

If no one is marked, all meters with a "reading value" will be exported!



-> **Basic:** Is the most basic one for human reading.

-> **Complete:** Is optimized for machine reading and almost follows the "Elvaco standard".



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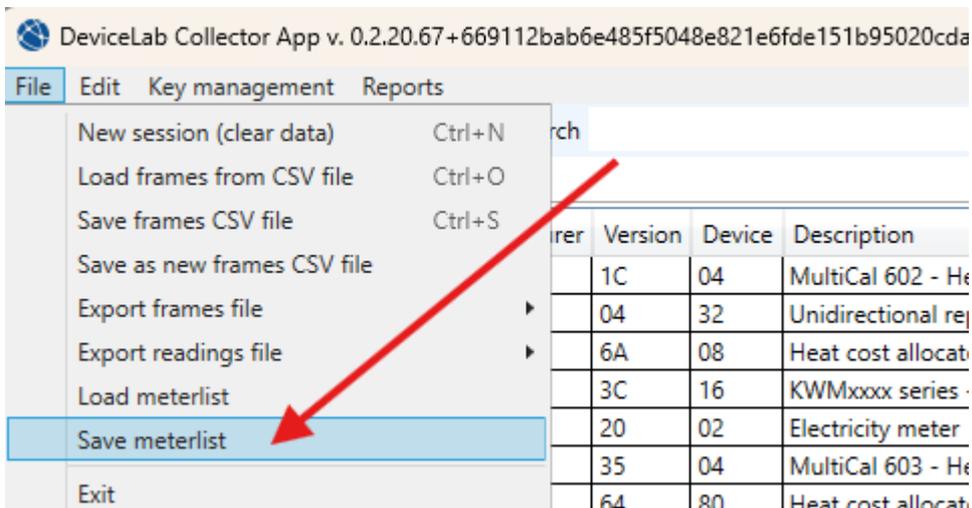
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Save meterlist: Use this "Save" function to save a list of all or a part of received devices.

Note!

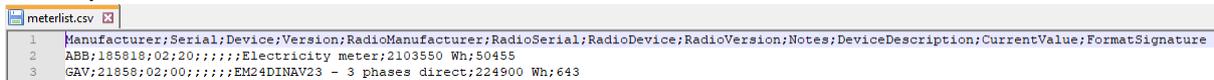
If some meters are marked as "Required" or if you have loaded a "meterlist", - these meters will be "Saved".

If no one is marked, all meters will be "Saved".



This meterlist is saved as a .csv file and contains relevant device info as Manufacture, Serial, Device, Version etc... – and latest reading values if a key is loaded or it runs unencrypted!

Example .csv



Imported to Excel.

