

ANT-1776: Export (save) and Update (load) configs

Contents

ANT-177	76: Export (save) and Update (load) configs	. 1
Svnopsi	s	. 1
Docume	nt info	. 1
1.	Overview	. 2
2.	To Save / export config file from ANT-1776 to PC	. 2
3.	Restore / import config into ANT-1776 from a PC	.4

Synopsis

Config load / input

The Maris Guard 2.8.1 application currently **cannot** copy the config file from a PC to the ANT-1776.

A file transfer application like FileZilla or WinSCP can be used to move the config file from the PC into the ANT-1776

Config save / export

The Maris Guard 2.8.1 application is able to copy the config file from the ANT-1776 to a location on a windows PC.

A file transfer application like FileZilla or WinSCP can also be used to move the config file from the ANT-1776 to a PC.

File naming convention

The config file name must ALWAYS be lvdc_1.cfg

Important information

The ANT-1776 being set the config MUST be in a reset / default condition or the config within the config file will be added to the config already present in the ANT-1776.

For further help and advice please contact Antrica on: Email: support@antrica.com Phone: +44 1628 626098, during UK office hours, and ask for technical support

Document info

Version	date	author	Comments
0.1	7-Mar-24	David M	Config save / restore – first draft



1. Overview

Currently there is an issue with Maris Guards ability to upload / import a config file to the ANT-1776 product range. The uploaded / import of a config can be done via an ftp client, like FileZilla or WinSCP.

The ability to export / save a config file from the ANT-1776 does function in Maris Guard. This export / save can also be done via an ftp client.

2. To Save / export config file from ANT-1776 to PC

- 1. Start Maris Guard
- 2. Select the "Board" Tab see Figure 1
- 3. Select, by IP address, the required ANT-1776

B Guard elect a board: 92.168.0.32 92.168.0.32 92.168.0.31 Board Name:	jupiter-sb	3		
elect a board: 92.168.0.32 92.168.0.32 92.168.0.31 Board Name:	jupiter-sb	3		
92.168.0.32 92.168.0.32 92.168.0.31 Board Name:	jupiter-sb	3		
Board Name:	jupiter-sb			
Application Name:	LDVC			
Software Version:	1.1.1.0.0.5			
Serial Numaber: CPU:	18fd16e1 imx8mp			
<u>Go to web</u>				Disable PCAP
	CPU:	CPU: imx8mp	CPU: imx8mp So to web	CPU: imx8mp

Figure 1 : Select ANT-1776

- 4. select "Export" tab see Figure 2
- 5. Select FOLDER location for exported config file



Figure 2 : Export tab

6. Navigate to the required folder location – see Figure 3

Figure 3 : Select folder

Solution Structure Structure Solution Structure Solution Structure Solution Structure Str					
← → ~ ↑ 🕹 > Th	is PC > Downloads >			🗸 🖸 Search Dov	م wnloads
Organise 👻 New fold	er				
🕹 Downloads 💉 ^	Name	Size	Туре	Date modified	
🁌 Music 🛛 🖈 👘	New folder		File folder	06/03/2024 12:25	(
Now Thats What	R share - Shortcut		TKB Shortcut	10/07/2020 14:36	
Desktop Condition Desktop Condition Desktop Desktop Desktop Desktop Documents Downloads Downloads Downloads Desktop Downloads Desktop Deskto					

- 7. Click the "Export" button
- 8. Once completed the "saved successfully" message will be seen

Figure 4 : Export of config complete

🧏 Maris Guard	- 🗆 X
C	Maris Guard
Board	Export Configuration:
Network	Export the current configuration to: C:/Users/nuc3/Downloads/New folder
Update	Export 7
Export	The configuration was saved successfully
Download	
About	
	Board IP: 192.168.0.32 Count: 2

 The folder path to the config file is shown in Figure 5. The folder naming is cfg_<date>.<month>.<year>_<hour>_<minutes>_<seconds>, in the example shown the cfg_6.3.2024_12_18_3 is 6th March 2024 with a time of day of 12:28:03. The config will always be named ldvc_1.cfg



Figure 5 : folder containing Config file



3. Restore / import config into ANT-1776 from a PC

As mentioned, Maris Guard cannot transfer the config file from the PC to the ANT-1776. This transfer can be done using an FTP client, in the example below WinSCP is being used, but other clients are available.

The required information is shown in Table 1

Table 1 : FTP access details

Parameter	value
Protocol	sftp
Port	22
Username	root
Password	root

- 1. Start WinSCP and log in with the ANT-1776's IP address and the detail in Table 1
- 2. Once logged in you will see a window like that shown in Figure 6.
- 3. Note on the left-hand side is the path the ldvc_1.cfg config file
- 4. On the right side is the root directory of the ANT-1776.
- 5. Navigate to the "management" folder in the ANT-1776



6. Once in the "management folder" you can see the ANT-1776's config file, see Figure 7.

Figure 7 : WinSCP config file on PC vs management folder of ANT-1776





- 7. Right click the ldvc_1.cfg in the PC windows, as shown in Figure 8
- 8. Navigate to Upload

Figure 8 : Upload config from PC to ANT-1776

Name		Size	Ту	e		Changed		Name	Size	Changed	Rights	Owner
t			Pa	ent dir	ectory	06/03/2024 12:28:03		t		01/01/1970 05:10:41	rwxr-xr-x	root
		Open		ile		06/03/2024 12:28:03		log		11/12/2023 16:18:58	rwxr-xr-x	root
	D	Edit					8	lost+found	100000	01/01/1970 00:00:09	rwx	root
		Helead	ES					cfg.txt	1 KB	01/01/1970 00:00:05	rw-rr	root
		Upioad	FD		Upload			Idvc_1.cfg	1 KB	01/01/1970 03:03:11	rw-rr	root
	×	Delete	F8		Upload in	Background		mac_addr1.cfg	1 KB	01/01/1970 00:00:14	rw-rr	root
		Rename	F2	E	Up Uploa	ad						
	-	Copy to Clipboard Ct	rl+C		Uple	oad selected local file(s) to					
		File Custom Commands		•				1				
		File Names		•								
		Properties	F9									
		System Menu										

9. There will then be an overwrite message – see example in Figure 9 10. Click "Yes" to this.

Figure 9 : WinSCP overwrite message

Confirm								?	×	
?	Overw	rite remo	te file 'l	dvc_1.a	:fg'?					
	Destinat Choose,	ion directory if you want t	already c to overwri	ontains f ite the file	ile 'ldvc_1. e or skip tł	.cfg'. nis trans	fer and keep e	existing fi	ile.	
	New: Existing:	3,055 bytes, 68 bytes, 01	, 06/03/20 /01/1970	24 12:28: 03:03:11	03					
Nev	er ask me	again	Yes	 	No	▼	Cancel	He	lp	

11. There will then be an uploaded message – see example in Figure 10 12. Click $\ensuremath{``}OK''$ to this.

Figure 10 : Uploaded file from PC to ANT-1776

Upload			?	×
Upload file 'ldvc_1.cfg' to remote dire	ectory:			
/management/*.*				~
Transfer settings				
indianal office binding				
Transfer in background (add to transfer	queue)			
Transfer settings ►	ОК	Cancel	He	elp
Do not show this dialog box again		100 m		

13. The config file ldvc_1.cfg from the PC is in the AMT-1776 management folder. Note the date / time stamp is the same. Compare this to the date / time shown in Figure 7 and Figure 8 of 01/01/1970 03:03:01

|--|

C:\Users\nuc3\Download	ds\New folder\C	onfiguration\cfg_6.3	.2024_12_28_3\	/management/						
Name	Size	Type Parent directory	Changed 06/03/2024 12:28:03	Name	13 Size	Changed 01/01/1970 05:10:41	Rights	Owner root		
dvc_1.cfg	3 KB	CFG File	06/03/2024 12:28:03	log		11/12/2023 16:18:58	rwxr-xr-x	root		
				cfg.txt	1 KB	01/01/1970 00:00:05	rw-rr	root		
				ldvc_1.cfg	3 KB 1 KB	06/03/2024 12:28:03 01/01/1970 00:00:14	rw-rr	root root		

14. A reboot or power cycle is required to make this config the current config.