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Summary:	Hydro-Control VI Corrupted corruption.	l File Reco	overy process. User Config and Prefetch
Products affected:	Hydro-Control (HC06 v2)		
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Engineering Note: EN0104 Hydro-Control VI Corrupted File Recovery

1 Summary

This engineering note details a method to fix HC06 v2 units (Serial number 81651 and above) running software HS0085 up to and including v2.18. This issue can cause units to fail to boot correctly and report a file corruption error. This note is specifically for use with Hydro-Control units that utilise an SSD hard drive and do not have removable Compact Flash memory cards.

2 User Config Corruption

If a HC06 unit fails to load and displays an error message stating that the user.config file is corrupt (Figure 1), the following procedure can be used to fix the fault.



Figure 1: User.Config Corruption error

If the error messages are closed the overview screen buttons will be disabled (Figure 2).



	Fine Coarse	Mix Temp: 25.0	Batch: 1000 Mode: Calculation
	Recipe Name: None Mix Phase: Standby	01/01/2001 00:00:00 Target: * 10.0%	
1	Aus	Moisture: 0.0% + Tro	Mix Time:

Figure 2: Overview Screen

2.1 User Config Repair Procedure

- 1. Connect a USB Keyboard and Mouse to the Hydro-Control
- 2. Press Control/Alt/Delete to access Windows Task Manager (Figure 3).



Figure 3: Windows Task Manager

3. Select Hydro-Control VI from the task manger list and click End Task (Figure 4).



Windows Task Ma r File Options View V	nager Vindows Help		_0;
Applications Processe	es Performance M	letworking Users	
Test		0	
Hydro-Control V	1	Run	ning
•			•
	End Task	<u>S</u> witch To	New Task

Figure 4: End Task

4. Click New task and enter "explorer" (Figure 5).

📕 Windows Task Manager
File Options View Windows Help
Create New Task ? 🗙
Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
OK Cancel Browse

Figure 5: Explorer

5. In the "My Documents" window (Figure 6), select show hidden files. (Tools >Folder Options > View)



Figure 6: Hidden files



 In the "My documents" window select: C:\Documents and Settings\Administrator\Local Settings\Application Data\Hydro_Control_VI\Hydro-Control_VI.exe_Url_0ju1n3d3ezftivzzys0lqi33v31ahktx



Figure 7: User Config File Location

- In the folder called 2.17.0.0, delete the user.config file (Figure 7). Do not delete the folder. NB: The folder will be named the same as the software version currently in use. This is usually the folder with the highest number in 2.xx.0.0
- 8. Open C:\Program Files\HydroControl VI and double click the "Hydro-Control VI" application file (Figure 8).



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File Edit View Favorites Tools Help			_	F
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Address 🛅 C:\Program Files\HydroControl VI			💌 🄁 Go	þ
Folders ×	Name 🔶	Size	Туре	
Desktop	🔁 zh		File Folder	
E A My Documents	AlphaBlendTextBox.dll	24 KB	Application Extension	n
Mv Music	Sonverters.dll	6 KB	Application Extension	n
My Pictures	S CPUID.dll	10 KB	Application Extension	n
E 👤 My Computer	👏 cpuidsdk. dll	908 KB	Application Extension	n
E SYSTEM (C:)	ScrossThreadFormUpdates.dll	9 KB	Application Extension	n
Documents and Settings	DataBaseOperations.dll	12 KB	Application Extension	n
🗉 🥁 dua	EWFAPIC	1 KB	XML Document	
E 📄 inetrub	SEWFAPIC.dll	7 KB	Application Extension	n
E C Program Files	S EWFNET.dll	207 KB	Application Extension	n
T Common Files	FactorySelfTest	69 KB	Application	
ComPlus Applications	S FancyButton.dll	25 KB	Application Extension	n
	FTD2XX_NET	106 KB	XML Document	
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	S FTD2XXLibrary.dll	16 KB	Application Extension	n
	SraphComponent.dll	36 KB	Application Extension	n
i da	NardwareClass.dll	17 KB	Application Extension	n —
	NC06Support.dll	97 KB	Application Extension	n
	🖬 hc06upgrademe.dup	30 KB	DUP File	
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C A	Hydro-Control VI	927 KB	Application	
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	Hydro-Control VI.vshost	2 KB	Application Manifest	
	Hydro-Control VI.vshost	22 KB	Application	
	Hydro-Control VI.vshost.exe	2 KB	CONFIG File	
i ku i ku	Hydro-Control VI.vshost.exe	73 KB	MANIFEST File	
Windows Ta BOX		04.1/2	• • • • • •	ŕ

Figure 8: Reboot the Hydro-Control

9. The Hydro-Control should reboot and ask you to enter a serial number and possibly to calibrate the screen (follow the instructions). There might also be an error message, just close the error. If the Hydro-Control does not boot fully, press the power button on the front of the unit to reboot, do not switch off the power supply.



3 Prefetch Corruption

If a HC06 unit fails to load and displays an error message stating that the Prefetch file is corrupt (Figure 9), the following procedure can be used to fix the fault.



Figure 9: Prefetch Corruption Error

3.1 Prefetch Corruption Repair

- 1. Connect a USB Keyboard and Mouse to the Hydro-Control
- 2. Press Control/Alt/Delete to access the windows Task Manager (Figure 10).



Figure 10: Task Manager

3. Select Hydro-Control VI from the task manger list and click end task (Figure 11).

Uindows Task Manager	
File Options View Windows Help	
Applications Processes Performance Networking	Users
Task	Status
Hydro-Control VI	Running
	•
End Tack	a Nou Tack
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	T 1

Figure 11: End Task



4. Click New task and enter "explorer" (Figure 12).



Figure 12: Explorer

 In the "My Documents" window select show hidden files (Figure 13). (Tools >Folder Options > View)

I	Folder Options			
	General View File Types Offline Files			
	Folder views You can apply the view (such as Details or Tiles) that you are using for this folder to all folders. Apply to All Folders Reset All Folders			
	Advanced settings:			
B	Files and Folders			
B	Automatically search for network folders and printers			
	Display file size information in folder tips			
	Display simple teder view in Explorer's Folders list			
	Display the conferns of system folders			
	Display the full path in the address bar			
	Do not cache thumbhails			
	Hidden files and folders			
	O Do not show hidden files and folders			
	 Show hidden files and folders 			
	Hide extensions for known file types			
	Restore Defaults			
	OK Cancel Apply			

Figure 13: Hidden files

6. Select: C:\Windows\Prefetch (Figure 14)



Figure 14: Prefetch



- 7. Delete all the files in the Prefetch folder (Figure 14).
- 8. Open C:\Program Files\HydroControl VI and double click the "Hydro-Control VI" application file (Figure 8).



Figure 15: Reboot the Hydro-Control

9. The Hydro-Control should reboot and ask you to enter a serial number and possibly to calibrate the screen (follow the instructions). There might also be an error message, just close the error. If the Hydro-Control does not boot fully, press the power button on the front of the unit to reboot, do not switch off the power supply.