## **Micro Control Systems**

APPLICATION NOTE

APP-093

# MCS-TOUCHSCREEN Auto Disk Clean up

## **Revision History**

Date	Author	Revision	Description
07/31/2014	Emmanuel Castillo	1.0	Created application note
11/05/2014	Emmanuel Castillo	2.0	Added schedule change
12/09/2014	Emmanuel Castillo	3.0	Added step for USB removal

1. Begin by unlocking your touchscreen to do this Double click on the my computer icon located on your desktop



2. Double click on local disk c





3. Double click on the MCS folder

4. Double click on the Unlock Memory file



5. A black dos prompt will come up and tell you to push any key to continue, just close this window by clicking on the black X on the top right hand corner



6. Now we have to reboot the touchscreen for the unlock to take effect you do this by clicking on the start button on the bottom left hand corner of the screen.



7. Now click on the turn off computer button



8. Then click the restart button



9. Once the touchscreen has restarted you will see the autostart dos prompt. Go ahead and close it.

C:\WINDOWS\system32\cmd.exe	- 🗆 ×
lease wait, starting MCS-Connect	
inging 127.0.0.1 with 32 bytes of data:	
<pre>heply from 127.0.0.1: bytes=32 time&lt;1ms TTL=128 heply from 127.0.0.1: byt</pre>	

10. Double click on My Computer



11. Touch and hold Local Disk C until you get a drop down menu Select Properties.



12. Click on Disk Cleanup and wait for the current operation to complete

	00	al Disk (C:)		Removable	Disk (D:)	
		Local Disl	k (C:) Proj	perties	? 🗙	
		General	Tools Har	dware Sharing Security		
	d	<b></b>				
		Type:	Local	Disk		
		File syste	em: NTFS			
		📕 Use	d space:	2,905,100,288 bytes	2.70 GB	
		Free Free	space:	56,467,456 bytes	53.8 MB	
		Сар	acity:	2,961,567,744 bytes	2.75 GB	
				$ \bigcirc $		
				Drive C	Disk Cleanup	
		Comp	oress drive to Indexing Ser	save disk space vice to index this disk for fas OK Cancel	st file searching	
ľ	Disk C	leanup				
_		Disk Cle able to complet	eanupis ( free on ( te.	calculating how mu C:). This may take	ich space you v a few minutes ti	vill be o
	Calcula	ating				
					Car	icel
	Scann	ing: Com	press old	l files		

13. Leave any currently selected files selected and then Select Recycling bin and Temporary files. Now click OK



14. You will be shown the following prompt. Select Yes.



15. Wait for the current operation to complete this may take several minutes.



16. Once that's complete select OK



### 17. Open your onscreen keyboard

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ľ	File Ki	eybr	pard	Set	tings	He	lp:																		
	esc	1	F1	F2	F3	F4	•	F	5	F6	F7	ŀ	-8		F9	F1	d F	F11 F12	pse	slk	brk				
		1	2	3	4	5	Т	6	7	E		9	0		-		Γ	bksp	ins	hт	pup	nlk	7	•	E
	tab	q	T	-	e	r I	t	Γ,	T	u	i	Т	0	р	T	T	1	1	del	enc	pdr	7	8	9	Γ
	lock		a	5	d	f		g	h	j	T	k	1	T		•	Г	ent				4	5	6	
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18. Click on start and select Run

Administrato	r
Finternet Explorer	😼 My Computer
MCS-Connect	
MCS-Connect	🖉 <u>R</u> un
All <u>P</u> rograms	Opens a progra
	Log Off OT In Off Computer
🛃 start	

19. In the box type in the following cleanmgr /d c: /sageset:100 and click ok



20. Scroll down the list and check **recycling bin** and **Temporary files** and select ok

mputer Teamviewer's New Wordpad
💰 Disk Cleanup Settings 🛛 🔹 💽
Disk Cleanup
Check the items that you would like Disk Cleanup to automatically clean up during its scheduled run times.
Files to delete:
Ch 🛛 🖓 Recycle Bin
■ I comporary files
Version Contraction Contractio
Description     Offline files are local copies of network files that you specifically     made available offline, enabling you to access them when you are
disconnected from the network.
View Files
OK Cancel

21. Now plug the USB stick into the back of your touchscreen in any of the three available USB Slots (See Photo Below)



22. Double click on the my computer icon located on your desktop



23. Locate and double click on your USB drive

My Computer	Help	
🖓 Back - 🍙 - 🍂 💭 Se	earch Chiefers	
Address R My Computer		🗸 🏹 Go
System Tasks     R       View system information     View system information       Add or remove programs     Change a setting       Change a setting     Event this disk	Files Stored on This Computer  Shared Documents  Hard Disk Drives	
Other Places     Image: Control Places       Image: Control Places     Image: Control Places       Image: Control Places     Image: Control Places	Local Disk (C.) Devices with Removable Storage Removable Disk (D.) Removable Disk (D.)	
Details Removable Disk (E:) Removable Disk File System: FAT32		

24. Double click on the Auto Disk Cleanup Scheduled Tasks zip folder





25. Click on extract all the files in the left folder tasks menu.

26. When the wizard comes up select Next.



27. Select the browse button.



28. Select the Desktop and then click ok



29. Click Next





30. Now wait for the extraction to complete then click on finish

31. Double Click on the Auto Disk Cleanup folder on your desktop



32. Click on edit in the upper left hand corner and chose Select All



	🇀 A	uto Disk Cleanup	Schedulec	d Tasks
	File	Edit View Favor	ites Tools	Help
-	0	Undo Rename	Ctrl+Z	iearch Ch Folders
I		Cut	Ctrl+X	
I	Addr	e Copy	Ctrl+C	\Administrator\Desktop\Auto Disk Cleanup Scheduled Tasks
		Paste	Ctrl+V	DTSK Lock Memory
1	F	Paste Shortcut		Task Object Task Object
I		Copy To Folder		8 1 KB
I	(	) Move To Folder		Lock Restart Monthly Restart
1	6	Select All	Ctrl+A	Task Object
		Invert Selection		
		Shared Documents		Task. Object 1 KB
		S My Network Places		

#### 33. Now click Edit again and chose copy

34. Navigate to the control panel



35. Double Click on Scheduled tasks.



36. On the upper left hand corner select edit then paste

😭 Sc	heduled Tasks				
File	Edit View Favor	ites Tools	Advanced Help		
0	Undo Rename	Ctrl+Z	earch 🕞 Folders	<b>•</b>	
	Cut	Ctrl+X		<u>ا</u>	
Addre	Сору	Ctrl+C			
	Paste	Ctrl+V	Name	Schedule 🔺	Next Run Time
	Paste Shortcut		Add Scheduled Task		
0	Copy To Folder		Restart	At 2:00 AM every day, starting 8/20/2013	2:00:00 AM 5/15/2014
5	Move To Folder				
e e	Select All	Ctrl+A			
6	Invert Selection				
	My Network Places				
	-				
D	etails	۲			

37. The new files should now be displayed under scheduled tasks

省 Scheduled Tasks					
File Edit View Favorite	es Tools	Advanced Help			
🔇 Back 🔹 🕥 - 💋		iearch 🌔 Folders 🛄	•		
Address 🙆 Scheduled Tasks					
		Name	Schedule 🔺	Next Run Time	Last Run Time
Other Places	۲	🖸 Add Scheduled Task 👼 Unlock Memory	At 1:00 AM on day 14 of every month, star	1:00:00 AM 8/14/2014	Never
Control Panel		DISK	At 1:02 AM on day 14 of every month, star At 1:07 AM on day 14 of every month, star At 1:10 AM on day 14 of every month, star	1:02:00 AM 8/14/2014 1:07:00 AM 8/14/2014 1:10:00 AM 8/14/2014	Never 1:07:00 AM 7/14/2014 1:10:00 AM 6/14/2014
My Network Places		Lock Restart	At 1:12 AM on day 14 of every month, star At 3:07 PM every day, starting 8/20/2013	1:12:00 AM 8/14/2014 3:07:00 PM 7/14/2014	1:12:00 AM 6/14/2014 2:07:00 PM 9/30/2013

38. To change the schedule for when the tasks are run do the following. Start by double clicking on the task you want to adjust.

省 Scheduled Tasks							_ 7 🗙
File Edit View Favorites	Tools	Advanced Help					<b></b>
😋 Back 🔹 🕥 - 🏂	, S	earch 😥 Folders 🛄 🕶					
Address 🙆 Scheduled Tasks							💌 🋃 Go
-	-	Name	Schedule 🔺	Next Run Time	Last Run Time	Status	Last Resu
Folder Tasks	۲	Add Scheduled Task					
Departure this item		Restart	At 10:43 AM every da…	10:43:00 AM 11/5/2014	10:43:00 AM		0x
Rename this item		🔂 Unlock Memory	At 10:55 AM on day 4	10:55:00 AM 12/4/2014	Never	Could not start	0x
Move this item		Monthly Pestart	At 10:57 AM on day 4	10:57:00 AM 12/4/2014	Never	Could not start	0x
Copy this item	_	DISK	At 11:02 AM on day 4	11:02:00 AM 12/4/2014	11:02:00 AM		0x
🗙 Delete this item		C LOCK Memory	At 11:08 AM on day 4	11:08:00 AM 12/4/2014	11:08:00 AM		0xc000013
	-	🔂 Lock Restart	At 11:11 AM on day 4	11:11:00 AM 12/4/2014	11:11:00 AM		0x

39. Select the schedule tab. From here you can adjust the start time and day of the month of when your task is run.

em	ETTERATION AND A ADDRESS AND ADDRE	9:55
	DISK	:57
n	Task Schedule Settings Security	:02 :08
	At 11:02 AM on day 4 of every month, starting 5/9/2014	:11
		L
		L
: ent	Schedule Task: Start time:	L
асе	Monthly 11:02 AM 🔿 Advanced	L
	Schedule Task Monthy	L
	⊙ Day 4 ♀ of the month(s)	L
	O The of the month(s)	L
	Select Months	L
		L
		L
	Show multiple schedules.	L
	OK Cancel Apply	

40. Now we want to lock the touchscreen back up, to do this go to the desktop and double click on the my computer icon.



41. Double click on local disk c



42. Double click on the MCS folder



43. Double click on the Lock Memory file



44. A black dos prompt will come up and tell you to push any key to continue, just close this window by clicking on the black X on the top right hand corner



45. Now unplug the USB stick from the back of your touchscreen.





47. Now click on the turn off computer button



48. Then click the restart button

