MOTION PRODUCT AND ENGINEERING GROUP



Subject: Transport Zip File to MW Controller

Product: MotionWorks MPE720

**Summary:** This document details a step-by-step procedure for transferring a Motion Works/MPE720 program to the File Manager from a zipped file. This may be useful when downloading example program files from the web, and is fast and effective method.

#### **Procedure Overview:**

The program files contained in the zip file must first be extracted to an empty folder on the computer's hard drive. Next, the files must be transferred using "All File Transfer" from the File Manager right click menu system. To do this, use the FD-> HD (Floppy Drive to Hard Drive) option (note that the "FD" in this case will later be substituted for Hard drive directory selection).

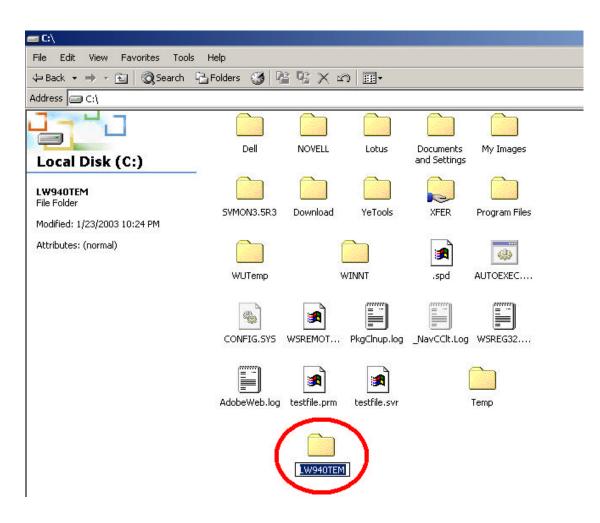
MOTION PRODUCT AND ENGINEERING GROUP



#### How to Unzip and Transfer a MW/MPE720 program.

In this example we will unzip and transfer an MP940 program called LW940TEM.

1) Under the C:/ root create a new folder called "LW940TEM."



MOTION PRODUCT AND ENGINEERING GROUP



 Extract the contents of the zip file to that sub directory. Be sure "Use folder names" is checked. Also, the sub directory to which the file is being extracted should be empty to prevent extraction errors with Winzip.

WinZip - Lw940tem.zip     File Actions Options Help					<u>_</u> _×
New Open Favorites	Extract View CheckOut	🥮 Wizard			
Name	Modified	Size	Ratio Packed	1 mm	<b>_</b>
Selected 01 Selected 01 Skip older files Skip older files Skip older files Skip older files	Folders/drives: Local Disk (C:) Local Disk (C:) Local Disk (C:) Download Lotus Wy40TEM My Images NOVELL Program Files SVMON3.5R3	ings	Extract Cancel Help New Folder	cad\sc cad\sxrf\ cad\sxrf\ cmt\cd cmt\cd cmt\cd cmt\cd cmt\cd cmt\cd	<b>.</b> 

3) When extracted, be sure the directories and subdirectories inside the "LW940TEM' do not include one called LW940TEM. If so, just copy-paste the program directories up one director level and delete the empty (and now redundant) LW940TEM.

The program directories should look like the following under C:/LW940TEM/ :

C:\LW940TEM						
Eile Edit View Favorites Too	ls <u>H</u> elp					-
😓 Back 🔹 🤿 👻 🔯 Search	Folders	3 2 2	Xn			
Address 🔂 C:\LW940TEM						• 🖓 GO
LW940TEM	CAD	CMT	DOC	ERR	Motion	
Select an item to view its description.						
See also:	PRG	TMP				
My Documents						
My Network Places						
My Computer						
7 object(s)				0 bytes	📃 My Compu	ter
n object(s)				Jobytes	in compa	ter ///

2121 Norman Drive South Waukegan, IL 60085 (847) 887-7000 Publication # *eng03.007MCD* 3/3/2003

3 of 10

YASKAWA A World of Automation Solutions

MOTION PRODUCT AND ENGINEERING GROUP

4) In MW/MPE720 create a new Controller folder by right clicking on and existing order folder and selecting "Create New Folder, Controller Folder."

📲 File Manager				<u>_     ×</u>
File(F) Edit(E) View(V) Tool(T) Help(H)				
🗈 X 🖀 🖣 1 🖬 🖬 📾 🗣 📾	• ?			
root)	File Name	File Type	Controller T	O. D. Online connection parameter
	IIIILW940TEM	Controller Folder	MP940	PT#: CPU#:
	1		]	•
Create New Folder(N) 🕨 C	ontroller Folder(C)	ATE File Typ	e : Order Folde	ŧ۲
Rename(M)				
Delete(D) Ctrl+D				
	J			
Create Controller Folder				

5) A "Controller Configuration" dialog box now pops up. First select the "Controller Type" from the drop box. Be sure it is the same controller as the original program code expects it to be – in our case MP940. Then in the text box labeled "Controller Name" enter "LW940TEM." Then click "OK."

Controller Configuration		×
Information Network /	Application	
Order Name	SMOOTH	
Controller Name	LW940TEM	
CPU Name CPU1		
CPU2		
Comment		
Controller Type	MP940	
Multi-CPU	C Disable C Enable	
ОК	Cancel Default	

2121 Norman Drive South Waukegan, IL 60085 (847) 887-7000 Publication # *eng03.007MCD* 3/3/2003

MOTION PRODUCT AND ENGINEERING GROUP



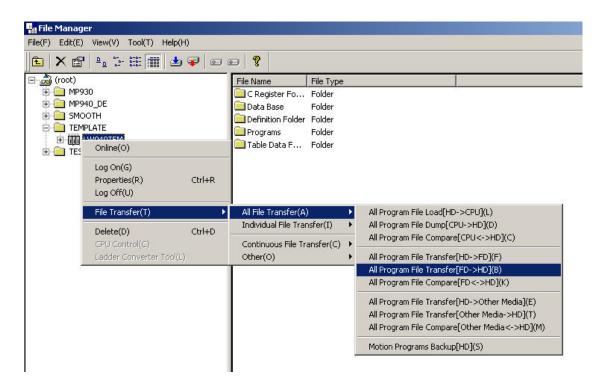
6) Right mouse button click on the CPU "LW940TEM" and Select "Log On."

X 🗗 🖣	s 🗄 🏭 🎹 🛓 🗣		0 8	
👌 (root)			File Name	File Type
⊡ 🧰 MP930 ⊡ 🧰 MP940_D	F			
E 📄 SMOOTH				
E TEMPLAT				
LW9 TEST	Online(O)			
	Log On(G)			
	Properties(R)	Ctrl+R		
	Log Off(U)			
	File Transfer(T)		•	
	Delete(D)	Ctrl+D		
	CPU Control(C)			
	Ladder Converter Tool(I	1)		



MOTION PRODUCT AND ENGINEERING GROUP

7) Right mouse button click on the CPU "LW940TEM" and select "File Transfer, " "All File Transfer, " then "All Program File Transfer FD-> HD"



8) MW/MPE720 will attempt to access the floppy drive and discover the folder/data (or in this case the floppy disk) is missing. Then a file transfer message box appears. Select cancel. This action will bring up a dialog box to allow the user to select the proper hard drive directory location.

File Transfer	×	
Disk access error		
Retry	Cancel	

2121 Norman Drive South Waukegan, IL 60085 (847) 887-7000 Publication # *eng03.007MCD* 3/3/2003

MOTION PRODUCT AND ENGINEERING GROUP



9) The All File "Execute" dialog box will appear to allow the user to change the drive and directory location. Note the defaults. The Source is still the floppy disk drive. Transfer Mode drop box should be "change" and the three active check boxes are checked.

Execute					×
Source	A:\LW940T	EM			Change
Destination	C:\YeTools	MPE720\Cp717Usr	\TEMPLATE\LW9	40TEM\	Change
	Transfer M	ode Change	•		
P	rogram	🔽 Register	Comment	🗖 User Menu	
		()	Ca	incel	

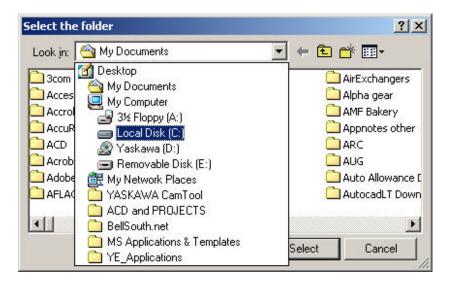
10) Click the "Change" button next to the Source text box. The "Change Transfer drive" Dialog box now pops up. Click "Detail.." to browse for hard drive and directory selection.

Change T	ransfer drive	×
Folder	A:\LW940TEM\	Detail
	Canc	el

MOTION PRODUCT AND ENGINEERING GROUP



11) The "Select the folder" box pops up. Select your Local Disk [C:] from the Look in: drop box.



12) Double click to open the folder "LW940TEM" that we created and then extract the program into. When the program folders are visible (CAD, CMT, DOC, ect...), push the select button.

elect the folder	Select the folder	<u>7</u> 3
Look jn: 🖃 Local Disk (C:) 💽 🗲 🔁	📸 📰 👻 🕹 Look ya 🔂 LW940TEM	💌 🗢 🗈 🐨 🔟 -
Dell SVMON3.5R3 Documents and Settings Temp Download WINNT Lotus WUTemp W940TEM SYEER My Images YeTools NOVELL Program Files	CADI CAT DOC ERR Motion PRG TMP	
		Select Cancel
Select	Cancel	

MOTION PRODUCT AND ENGINEERING GROUP



13) The Change Transfer drive box gets uncovered, and a new path is in the text box for your inspection. If it is correct click "OK."

hange Ti	ransfer drive		
Folder	C:\LW940TEM		[Detail]
	ок	Cancel	1

14) Note that the Execute box has a new "source" path in it.

Source	C:\LW940TEM	Change
Destination	C:\YeTools\MPE720\Cp717Usr\TEMPLATE\LW940TEM\	Change
	Transfer Mode Change 💌	
P	rogram 🔽 Register 🔽 Comment 🗔 User Mei	nu
	OK Cancel	

15) Select "OK" to begin the "Transfer."

Source	C:\L\	V94	/940TEM																	
Destination	Toc	ols\MPE720\Cp717Usr\TEMPLATE\LW940TEM\																		
Transfer File Amount Cor	- 22		Com 000			74	10													
			-	П	T	T	T	Т	Т	T	T	Т	T	Ť	Ť	T	Т	٦		T

2121 Norman Drive South Waukegan, IL 60085 (847) 887-7000 Publication # *eng03.007MCD* 3/3/2003

9 of 10

MOTION PRODUCT AND ENGINEERING GROUP



16) When the transfer is complete the following message box will pop up: Click "OK."



17) Close the final dialog box when it appears.