Application Notes Downloading a PLC program in DFM utility program

The Data File Manager, DFM, utility program can be found in AO V2 folder.





Launch the DFM utility program. Click "Browse" to change the IP address. The IP address should match your PLC IP address.

Target Device	Ethernet Port Settings			
PLC	IP Address:	192.168.104.28	Browse	
HMI	Port Number:	2101		
	Timeout:	3000 🚔 msec		
Port	Retry Cycles:	1		
USB		8 21 64		
Ethernet	PLC Network Se	tting		
Serial				
	Download Setti	ngs		
Product Series	The maximum dat	a size: 2	x 64 bytes	
FC5A-D12X1E	Time delay betwe	en packets: 0	🔹 msec	
FC6A Series				
FT1A-24				
FT1A-40				
FT1A-48				



Click "Connect" to check the PLC current status.

🔝 Data File Manager	P() Bellands Setting	
Address: 192.168.104.28:2101/	• 🔸 📀 💽 • 💽 •	Na 🗸 😧 🍺 • 🕄 😰 💿 •
▶ 3 FC6A-C16X1XE	Contents	Current Status
	PLC Type:	FC6A-C16X1XE
	System Software Version:	1.65
	Run/Stop Status:	Running
	Scan Time (Current):	2 ms
	Scan Time (Maximum):	15 ms
	TIM/CNT Change Status:	Unchanged
	Calendar:	11/9/2018 2:46:27 PM
	Write Protection: Pa	
	Read Protection:	Password
	Error Status:	
Error Code (General Error Codes: D8005)		
	Error Code (User Program Execution Error Codes: D8006)	
	Battery Voltage:	90 %
P		

Click (Download) on the toolbar.

The Open dialog box is displayed.

Address: 192.168.104.28:2101/	· · · · · · · · · · · · · · · · · · ·	- • • • • • • • • • • • • • • •
FC6A-C16X1XE	Contents	Download ZLD Project File(.zld)
	PLC Type:	Download System Software
	System Software Version:	Download Files
	Run/Stop Status:	Download Folder
	Scan Time (Current):	2 ms
	Scan Time (Maximum):	15 ms
	TIM/CNT Change Status:	Unchanged
	Calendar:	11/9/2018 2:46:27 PM
	Write Protection:	Password
	Read Protection:	Password
	Error Status:	
	Error Code (General Error Codes: D8005)	
	Error Code (User Program Execution Error Codes:	D8006)
	Battery Voltage:	90 %

Specifies the ZLD Project File (.zld) to download, and then click Open.

A confirmation message is displayed.

🔝 Open	×
O S The Desktop	 ✓ ✓
Organize 🔻 New folder	** - 🔟 🔞
Image: Second secon	
▷ 😴 Open (\\open-sh 👻 🖌	
File name: PLC1.zld	✓ ZLD Project File (*.zld) ✓ Open ✓ Cancel

Click Yes.

Data	Data File Manager				
	<u>^</u>	PLC will be stopped before downloading the ZLD Project File. Do you want to proceed with the download?			
		Yes No			

If the program in the target PLC is password protected, the Enter Password dialog box is displayed. Enter the password.



🔝 Data File Manager		
Address: 192.168.104.28:2101/	× × • • • • •	• 🐁 💉 🔿 • R. 🔝 Ø •
▶ 3 FC6A-C16X1XE	Contents PLC Type: System Software Version: Run/Stop Status: Scan Time (Ourrent): Scan Time (Maximum): TIM Data File Manager Cal Writ Downloading System program 1%-1%-1%-1%-1%-1%-1%-1%-1%-1%-1%-1%-1%-1	Current Status FC6A-C16X1XE 1.65 Running 2 ms 15 ms changed '9/2018 2:46:27 PM sword
	Rea Enter Password The user program in the PLC is password prote Enter the password, and then click OK to transi program. Password: OK C	ected. fer the

The download starts.

FC6A-C16X1XE	Contents	Current Status
	PLC Type:	FC6A-C16X1XE
	System Software Version:	1.65
	Run/Stop Status:	Running
	Scan Time (Current):	2 ms
	Scan Time (Maximum):	15 ms
	TIM Data File Manager	changed
	Cal	/9/2018 2:46:27 PM
	Writ Now downloading system program(1/1)	ssword
	Rea	ssword
	Frrd	
	Error Code (General Error Codes: D8005)	
	Error Code (User Program Execution Error Codes: D8006)	
	Battery Voltage:	90 %

Once the download completed, click Start icon to run the connected PLC.

Data File Manager						
	Address: 192.168.104.28:2101/	•	🔸 💽 💽 💽 •	🍢 🛷 📀 🖲 🔊) 💿 🗸	
ľ	FC6A-C16X1XE	Contents	Start	Current Status		
Ш		PLC Type:		FC6A-C16X1XE		

This concludes downloading the ZLD Project File (.zld).

