

SAVING YOUR WORK WITH DIRECTSOFT PROGRAMMING SOFTWARE		MENU											BUTTONS										
		File --> Save Project --> to Disk (Ctrl+S)	File --> Save Project --> to PLC	File --> Save Project As...(4)	File --> Backup Project...(5)	File --> Read Program --> from Disk (Ctrl+F12)	File --> Read Program --> from PLC (Ctrl+F9)	File --> Write Program --> to Disk (Shift+F12)	File --> Write Program --> to PLC (Shift +F9)	File --> Import --> Program...	File --> Import --> Element Documentation...	File --> Import --> Rung Comments...	File --> Export --> Program...	File --> Export --> Element Documentation...	File --> Export --> Rung Comments...	PLC ---> Clear PLC Memory	PLC ---> Copy config data from PLC to Disk	PLC ---> Copy config data from Disk to PLC	Read from Disk (Ctrl+F12)	Write to Disk (Shift+F12)	Read from PLC (Ctrl+F9)	Write to PLC (Shift+F9)	
DirectSOFT Version	v3.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	v4.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	v5.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SAVED ELEMENT	Ladder Program	✓	✓	✓	✓	(6)	(6)	✓	✓	✓	✓	✓	✓	✓	(7)	✓	✓	(6)	✓	(6)	✓	✓	
	User V-memory Data	✓	✓	✓	✓										(7)	(7)	(7)						
	System V-memory(1)	✓	✓	✓	✓										(7)	(7)	(7)						
	Mapped V-memory(11)	✓	(12)	✓	✓										(7)								
	Pause Bit Settings	✓	✓	✓	✓										(7)	(7)	(7)						
	I/O Configuration	✓	(3)	✓	✓										(7)	(7)	(7)						
	Timer/Counter Accumulator Memory(9)	✓	✓	✓	✓										(7)								
	Ladder Rung Comments(2)	✓	✓	✓	✓					✓	✓	✓	(7)	✓									
Element Documentation(2)	✓	✓	✓	✓					✓	✓	✓	(7)	✓										
Stage Comments(2)	✓	✓	✓	✓					✓	✓	✓	(7)	✓										
PLC Parameters (e.g. PLC type)	✓	✓	✓	✓																			
V-memory Editor Format	✓	✓	✓	✓																			
DirectSOFT Window Layout	✓	✓	✓	✓																			
AFFECTED FILES	.PRJ = Ladder program	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	.VD = V-memory data	✓	(10)	✓	✓											(8)	(10)						
	.VF = V-memory editor format	✓	✓	✓	✓																		
	.TLS = PLC parameters, I/O configuration, pause bits	✓	✓	✓	✓												(8)						
	.ESD = Element documentation (nickname, wiring info, description)	✓	✓	✓	✓					✓	✓	✓											
	.ESX = Index for element documentation	✓	✓	✓	✓					✓	✓	✓											
	.LDA = Maps rung comments to rung #s	✓	✓	✓	✓					✓	✓	✓											
	.LCD = Ladder comment data	✓	✓	✓	✓					✓	✓	✓											
	.LCX = Index for ladder comments	✓	✓	✓	✓					✓	✓	✓											
	.LDO = Online only, maps rung comments to rung #s (temporary until saved offline to .LDA file)	✓	✓	✓	✓					✓	✓	✓											
	.SCD = Stage comments	✓	✓	✓	✓					✓	✓	✓											
	.SCX = Intex for stage comments	✓	✓	✓	✓					✓	✓	✓											
	.WSP = DirectSOFT window layout	✓	✓	✓	✓																		
	.XML = Docking-pane screen coordinates	✓	✓	✓	✓					✓													
	.RD = 305 R-memory data	✓	✓	✓	✓												(8)						
	.RF = 305 R-memory data editor format	✓	✓	✓	✓																		
.PRT = Print layout config	✓	✓	✓	✓																			
.DV = DV1000 setup	✓	✓	✓	✓												(8)							
.PID = PID documentation(2)	✓	✓	✓	✓																			
.INF = Project information	✓	✓	✓	✓																			
.DTA = Data view																							
.ERM = Ethernet remote master config																							
.CWB = Counter I/O configuration																							
.CSV = Comma-separated variable														(7)									
.TXT = Text file												✓	(7)	✓									

Footnotes:

- (1) - System V-memory contains retentive ranges, etc., but does **NOT** save PLC password **NOR** comm port settings, **NOR** watchdog settings.
- (2) - Saved immediately as they are edited.
- (3) - If manually configured.
- (4) - Prompts for new name.
- (5) - Saves in folder with time related name.
- (6) - Affects only DirectSOFT computer memory.
- (7) - Optional / User selectable.
- (8) - Can be affected depending on options selected.
- (9) - Values are never automatically written. To write them manually (to file or PLC) you must use Memory Editor.
- (10) - User V-memory from the .VD file (not the entire file) is written to the PLC
- (11) - Mapped V-memory contains all X-, Y-, and C-bits
- (12) - Mapped V-memory (X-, Y-, C-bits) from the .VD file is **NOT** written to the PLC