

EtherNet/IP Statement of Conformance

General Device Data	Conforms to EtherNet/IP Specification		Volume I – Release	<u>3.15</u>					
			Volume II – Release	<u>1.16</u>					
	Vendor Name		<u>Delta Computer Systems, Inc.</u>						
	Device Profile Name		<u>Generic Device (43)</u>						
	Product Catalog Number		<u>RMC100-ENET</u>						
	Product Code		<u>1</u>						
Product Revision		<u>2.1</u>							
EtherNet/IP Physical Conformance Data	EtherNet/IP Performance Levels		Industrial	<input type="checkbox"/>	COTS	<input checked="" type="checkbox"/>			
	Connector Style		Open	<input checked="" type="checkbox"/>	Sealed	<input type="checkbox"/>			
	Copper		RJ-45	<input checked="" type="checkbox"/>	M12-4D	<input type="checkbox"/>			
			Fiber	SC	<input type="checkbox"/>	ST	<input type="checkbox"/>		
	LEDs Supported		Module	<input type="checkbox"/>	Combo Mod/Net	<input type="checkbox"/>			
	None		<input checked="" type="checkbox"/>	Network	<input type="checkbox"/>	I/O	<input type="checkbox"/>		
	IP Address Settings		BOOTP	<input checked="" type="checkbox"/>	DHCP	<input checked="" type="checkbox"/>	DNS	<input type="checkbox"/>	
			Switches	<input type="checkbox"/>			S/W Set	<input type="checkbox"/>	
			Other	<input checked="" type="checkbox"/>					
	Communication Settings		Rate	AutoNegotiate	<input checked="" type="checkbox"/>	Switches	<input type="checkbox"/>	S/W Set	<input type="checkbox"/>
	Duplex			AutoNegotiate	<input checked="" type="checkbox"/>	Switches	<input type="checkbox"/>	S/W Set	<input type="checkbox"/>
				Other	<input type="checkbox"/>				
	Communication Rates		M bits/sec	10	<input checked="" type="checkbox"/>	100	<input type="checkbox"/>	1000	<input type="checkbox"/>
	Duplex			Half	<input checked="" type="checkbox"/>			Full	<input type="checkbox"/>
Transformer CMR (Min)		<u>42 dB @ 30 MHz (worst case)</u>							
Direct Connection To Ground		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
EtherNet/IP Communication Data	Device Network Behavior		Originator	<input type="checkbox"/>	Target	<input checked="" type="checkbox"/>			
	Application Behavior		Listen Only	<input type="checkbox"/>	Exclusive Owner	<input checked="" type="checkbox"/>			
			Redundant Owner	<input type="checkbox"/>	Input Only	<input checked="" type="checkbox"/>			
	Class Type (Number)		Null (0)	<input type="checkbox"/>	Dup Detect (1)	<input checked="" type="checkbox"/>			
			Acknowledged (2)	<input type="checkbox"/>	Verified (3)	<input checked="" type="checkbox"/>			
			Non Blocking (4)	<input type="checkbox"/>	Non Blocking Fragment (5)	<input type="checkbox"/>			
					Multicast Fragmented (6)	<input type="checkbox"/>			
	Trigger Type		Cyclic	<input checked="" type="checkbox"/>	COS	<input type="checkbox"/>			
					Application	<input type="checkbox"/>			
	Forward Open Application Paths(s)		Config: Class <u>04</u> Inst. <u>04</u> Attr. <u>03</u> CP _____						
			Consumed: Class <u>04</u> Inst. <u>02</u> Attr. <u>03</u> CP _____						
	Compress Path <input checked="" type="checkbox"/>		Produced: Class <u>04</u> Inst. <u>01</u> Attr. <u>03</u> CP _____						
	I/O Data		Consumed (O→T) Size	<u>98</u>	Fixed	<input checked="" type="checkbox"/>			
			Produced (T→O) Size	<u>162</u>	Fixed	<input checked="" type="checkbox"/>			
Real Time Transfer Formats		O→T Modeless	<input type="checkbox"/>	Zero Length	<input type="checkbox"/>				
		T→O Modeless	<input checked="" type="checkbox"/>	Zero Length	<input type="checkbox"/>				
O→T Parameters		Priority	Low	<input type="checkbox"/>	High	<input type="checkbox"/>			
		Type	Null	<input type="checkbox"/>	Multicast	<input type="checkbox"/>			
T→O Parameters		Priority	Low	<input type="checkbox"/>	High	<input type="checkbox"/>			
		Type	Null	<input type="checkbox"/>	Multicast	<input checked="" type="checkbox"/>			
RPI Supported		RPI Tick	<u>1ms</u>	RPI Min	<u>5ms</u>				
				RPI Max	<u>3200ms</u>				
Optional Encapsulation Services		ListInterfaces <input checked="" type="checkbox"/>							

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EtherNet/IP Object Implementation		Identity Object 0x01					
		Object Class	ID	Description	Get	Set	Value Limits
<input checked="" type="checkbox"/> Open <input type="checkbox"/> Vendor Specific	Attributes		1	Revision	<input type="checkbox"/>	<input type="checkbox"/>	_____
			2	Max Instance	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input checked="" type="checkbox"/> None Supported		3	Number of Instances	<input type="checkbox"/>	<input type="checkbox"/>	_____
Device Profile Requirement		<u>EtherNet/IP Services</u>			<u>Parameter Options</u>		
<input checked="" type="checkbox"/> Required <input type="checkbox"/> Optional <input type="checkbox"/> Not Specified	Services		<input type="checkbox"/>	Get_Attribute_Single	_____		
	<input checked="" type="checkbox"/> None Supported		<input type="checkbox"/>	Reset	_____		
			<input type="checkbox"/>	Get_Attributes_All	_____		
			<input type="checkbox"/>	Find_Next_Object_Instance	_____		
		Object Instance	ID	Description	Get	Set	Value Limits
	Attributes		1	Vendor ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	590
			2	Device Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	43
			3	Product Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
			4	Revision	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.1
			5	Status	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
			6	Serial Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
			7	Product Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RMC100-ENET
			8	State	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
			9	Config. Consistency Value	<input type="checkbox"/>	<input type="checkbox"/>	_____
			10	Heartbeat Interval	<input type="checkbox"/>	<input type="checkbox"/>	_____
		<u>EtherNet/IP Services</u>			<u>Parameter Options</u>		
	Services		<input checked="" type="checkbox"/>	Get_Attribute_Single	_____		
			<input type="checkbox"/>	Set_Attribute_Single	_____		
			<input checked="" type="checkbox"/>	Reset	Reset types 0 and 1		
			<input checked="" type="checkbox"/>	Get_Attributes_All	_____		
Vendor Specific Additions		If yes, fill out the Vendor Specific Additions form (Form 9)			Yes	<input type="checkbox"/>	
					No	<input checked="" type="checkbox"/>	

Get to indicate that attribute value is returned by the use of Get_Attribute_Single service
 Set to indicate that attribute value can be set by the use of Set_Attribute_Single service

EtherNet/IP Statement of Conformance

EtherNet/IP Object Implementation	Message Router Object 0x02					
Object Implementation	Object Class	ID	Description	Get	Set	Value Limits
<input checked="" type="checkbox"/> Open	Attributes	1	Revision	<input type="checkbox"/>	<input type="checkbox"/>	_____
<input type="checkbox"/> Vendor Specific		2	Max Instance	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input checked="" type="checkbox"/> None Supported	3	Number of Instances	<input type="checkbox"/>	<input type="checkbox"/>	_____
Device Profile Requirement			<u>EtherNet/IP Services</u>	<u>Parameter Options</u>		
<input checked="" type="checkbox"/> Required	Services	<input type="checkbox"/>	Get_Attribute_Single	_____		
<input type="checkbox"/> Optional	<input checked="" type="checkbox"/> None Supported	<input type="checkbox"/>	Get_Attributes_All	_____		
<input type="checkbox"/> Not Specified			<u>Object Instance</u>	<u>Get</u>	<u>Set</u>	<u>Value Limits</u>
	Attributes	1	Object List	<input type="checkbox"/>	<input type="checkbox"/>	_____
		2	Number Available	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input checked="" type="checkbox"/> None Supported	3	Number Active	<input type="checkbox"/>	<input type="checkbox"/>	_____
		4	Active Connections	<input type="checkbox"/>	<input type="checkbox"/>	_____
			<u>EtherNet/IP Services</u>	<u>Parameter Options</u>		
	Services	<input type="checkbox"/>	Get_Attribute_Single	_____		
	<input checked="" type="checkbox"/> None Supported	<input type="checkbox"/>	Get_Attributes_All	_____		
	Vendor Specific Additions	If yes, fill out the Vendor Specific Additions form (Form 9)		Yes	<input type="checkbox"/>	
				No	<input checked="" type="checkbox"/>	

Get to indicate that attribute value is returned by the use of Get_Attribute_Single service
 Set to indicate that attribute value can be set by the use of Set_Attribute_Single service

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EtherNet/IP Object Implementation		Connection Manager Object 0x06					
		Object Class	ID	Description	Get	Set	Value Limits
<input checked="" type="checkbox"/> Open <input type="checkbox"/> Vendor Specific	Attributes		1	Revision	<input type="checkbox"/>	<input type="checkbox"/>	_____
			2	Max Instance	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input checked="" type="checkbox"/> None Supported		3	Number of Instances	<input type="checkbox"/>	<input type="checkbox"/>	_____
Device Profile Requirement		<u>EtherNet/IP Services</u>			<u>Parameter Options</u>		
<input checked="" type="checkbox"/> Required <input type="checkbox"/> Optional <input type="checkbox"/> Not Specified	Services		<input type="checkbox"/>	Get_Attribute_Single	_____		
	<input checked="" type="checkbox"/> None Supported		<input type="checkbox"/>	Get_Attributes_All	_____		
		Object Instance	ID	Description	Get	Set	Value Limits
	Attributes		1	Open Requests	<input type="checkbox"/>	<input type="checkbox"/>	_____
			2	Open Format Rejects	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input checked="" type="checkbox"/> None Supported		3	Open Resource Rejects	<input type="checkbox"/>	<input type="checkbox"/>	_____
			4	Open Other Rejects	<input type="checkbox"/>	<input type="checkbox"/>	_____
			5	Close Requests	<input type="checkbox"/>	<input type="checkbox"/>	_____
			6	Close Format Rejects	<input type="checkbox"/>	<input type="checkbox"/>	_____
			7	Close Other Rejects	<input type="checkbox"/>	<input type="checkbox"/>	_____
			8	Connection Timeouts	<input type="checkbox"/>	<input type="checkbox"/>	_____
			9	Connection Entry List	<input type="checkbox"/>	<input type="checkbox"/>	_____
			11	CPU Utilization	<input type="checkbox"/>	<input type="checkbox"/>	_____
			12	Max Buffer Size	<input type="checkbox"/>	<input type="checkbox"/>	_____
			13	Buffer Size Remaining	<input type="checkbox"/>	<input type="checkbox"/>	_____
			<u>EtherNet/IP Services</u>			<u>Parameter Options</u>	
	Services		<input type="checkbox"/>	Get_Attribute_Single	_____		
	<input type="checkbox"/> None Supported		<input type="checkbox"/>	Get_Attributes_All	_____		
			<input type="checkbox"/>	Set_Attribute_Single	_____		
			<input checked="" type="checkbox"/>	Forward_Close	_____		
			<input type="checkbox"/>	Unconnected_Send	_____		
			<input checked="" type="checkbox"/>	Forward_Open	_____		
			<input type="checkbox"/>	Get_Connection_Data	_____		
			<input type="checkbox"/>	Search_Connection_Data	_____		
			<input type="checkbox"/>	Large_Forward_Open	_____		
			<input type="checkbox"/>	Get_Connection_Owner	_____		
Vendor Specific Additions		If yes, fill out the Vendor Specific Additions form (Form 9)			Yes	<input type="checkbox"/>	
					No	<input checked="" type="checkbox"/>	

Get to indicate that attribute value is returned by the use of Get_Attribute_Single service
 Set to indicate that attribute value can be set by the use of Set_Attribute_Single service

EtherNet/IP Statement of Conformance

EtherNet/IP Object Implementation	TCP/IP Interface Object 0xF5					
	Object Class	ID	Description	Get	Set	Value Limits
<input checked="" type="checkbox"/> Open <input type="checkbox"/> Vendor Specific	Attributes	1	Revision	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 _____
		2	Max Instance	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input type="checkbox"/> None Supported	3	Number of Instances	<input type="checkbox"/>	<input type="checkbox"/>	_____
Device Profile Requirement <input checked="" type="checkbox"/> Required <input type="checkbox"/> Optional <input type="checkbox"/> Not Specified	EtherNet/IP Services			Parameter Options		
	Services	<input checked="" type="checkbox"/>	Get_Attribute_Single	_____		
	<input type="checkbox"/> None Supported	<input checked="" type="checkbox"/>	Get_Attributes_All	_____		
	Object Instance	ID	Description	Get	Set	Value Limits
	Attributes	1	Status	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		2	Configuration Capability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5 _____
		3	Configuration Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____
		4	Physical Link Object	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		5	Interface Configuration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		6	Host Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		7	Safety Network Number	<input type="checkbox"/>	<input type="checkbox"/>	_____
		8	TTL Value	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		9	Mcast Config	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		10	SelectAcq	<input type="checkbox"/>	<input type="checkbox"/>	_____
		11	LastConflictDetected	<input type="checkbox"/>	<input type="checkbox"/>	_____
		12	EtherNet/IP QuickConnect	<input type="checkbox"/>	<input type="checkbox"/>	_____
	EtherNet/IP Services			Parameter Options		
Services	<input checked="" type="checkbox"/>	Get_Attribute_Single	_____			
	<input checked="" type="checkbox"/>	Get_Attributes_All	_____			
	<input checked="" type="checkbox"/>	Set_Attribute_Single	_____			
	<input type="checkbox"/>	Set_Attributes_All	_____			
Vendor Specific Additions	If yes, fill out the Vendor Specific Additions form (Form 9)			Yes	<input type="checkbox"/>	
				No	<input checked="" type="checkbox"/>	

Get to indicate that attribute value is returned by the use of Get_Attribute_Single service
 Set to indicate that attribute value can be set by the use of Set_Attribute_Single service

EtherNet/IP Statement of Conformance

EtherNet/IP Object Implementation		Ethernet Physical Link Object 0xF6					
		Object Class	ID	Description	Get	Set	Value Limits
<input checked="" type="checkbox"/> Open <input type="checkbox"/> Vendor Specific	Attributes		1	Revision	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3
			2	Max Instance	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> None Supported		3	Number of Instances	<input type="checkbox"/>	<input type="checkbox"/>	
Device Profile Requirement		<u>EtherNet/IP Services</u>			<u>Parameter Options</u>		
<input checked="" type="checkbox"/> Required <input type="checkbox"/> Optional <input type="checkbox"/> Not Specified	Services		<input checked="" type="checkbox"/>	Get_Attributes_All			
	<input type="checkbox"/> None Supported		<input checked="" type="checkbox"/>	Get_Attribute_Single			
		Object Instance	ID	Description	Get	Set	Value Limits
	Attributes		1	Interface Speed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10 MHz
			2	Interface Flags	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			3	Physical Address	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			4	Interface Counters	<input type="checkbox"/>	<input type="checkbox"/>	
			5	Media Counters	<input type="checkbox"/>	<input type="checkbox"/>	
			6	Interface Control	<input type="checkbox"/>	<input type="checkbox"/>	
			7	Interface Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2 (twisted pair)
			8	Interface State	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			9	Admin State	<input type="checkbox"/>	<input type="checkbox"/>	
			10	Interface Label	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ENET
		<u>EtherNet/IP Services</u>			<u>Parameter Options</u>		
	Services		<input checked="" type="checkbox"/>	Get_Attribute_Single			
			<input checked="" type="checkbox"/>	Get_Attributes_All			
			<input type="checkbox"/>	Set_Attribute_Single			
			<input type="checkbox"/>	Get_and_Clear			
Vendor Specific Additions		If yes, fill out the Vendor Specific Additions form (Form 9)			Yes	<input type="checkbox"/>	
					No	<input checked="" type="checkbox"/>	

Get to indicate that attribute value is returned by the use of Get_Attribute_Single service
 Set to indicate that attribute value can be set by the use of Set_Attribute_Single service

EtherNet/IP Statement of Conformance

EtherNet/IP Object Implementation		Assembly Object 0x04					
		Object Class	ID	Description	Get	Set	Value Limits
<input checked="" type="checkbox"/> Open <input type="checkbox"/> Vendor Specific	<input type="checkbox"/> None Supported	Attributes	1	Revision	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2 _____
			2	Max Instance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4 _____
			3	Number of Instances	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3 _____
Device Profile Requirement		EtherNet/IP Services			Parameter Options		
<input checked="" type="checkbox"/> Required <input type="checkbox"/> Optional <input type="checkbox"/> Not Specified	Services	<input checked="" type="checkbox"/>	Get_Attribute_Single	_____			
	<input type="checkbox"/> None Supported	<input type="checkbox"/>	Create	_____			
		<input type="checkbox"/>	Delete	_____			
Object Instance		Instance Type		Instance ID(s)			
<i>The Object Instance section must be completed for each instance type implemented</i>		Static Input	<input checked="" type="checkbox"/>	1 _____			
		Static Output	<input checked="" type="checkbox"/>	2 _____			
		Static I/O	<input type="checkbox"/>	_____			
		Static Configuration	<input checked="" type="checkbox"/>	4 _____			
		Dynamic	<input type="checkbox"/>	_____			
		ID	Description	Get	Set	Value Limits	
Attributes		1	Number of Members in List	<input type="checkbox"/>	<input type="checkbox"/>	_____	
		2	Member List	<input type="checkbox"/>	<input type="checkbox"/>	_____	
		3	Data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____	
		4	Size	<input type="checkbox"/>	<input type="checkbox"/>	_____	
		EtherNet/IP Services			Parameter Options		
Services		<input checked="" type="checkbox"/>	Get_Attribute_Single	_____			
		<input checked="" type="checkbox"/>	Set_Attribute_Single	_____			
		<input type="checkbox"/>	Delete	_____			
		<input type="checkbox"/>	Insert_Member	_____			
		<input type="checkbox"/>	Remove_Member	_____			
		<input type="checkbox"/>	Get_Member	_____			
		<input type="checkbox"/>	Set_Member	_____			
Vendor Specific Additions		If yes, fill out the Vendor Specific Additions form (Form 9)			Yes	<input type="checkbox"/>	
					No	<input checked="" type="checkbox"/>	

Get to indicate that attribute value is returned by the use of Get_Attribute_Single service
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EtherNet/IP Statement of Conformance

Fill out one copy of this form for each additional object implemented by the product. Use additional pages as necessary.

EtherNet/IP Object Implementation <input type="checkbox"/> Open <input checked="" type="checkbox"/> Vendor Specific Device Profile Requirement <input type="checkbox"/> Required <input type="checkbox"/> Optional <input checked="" type="checkbox"/> Not Specified	Object Name <u>PCCC Object</u>		Object ID <u>0x67</u>			
	Object Class	ID	Description	Get	Set	Value Limits
	Attributes	—	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		—	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input checked="" type="checkbox"/> None Supported	—	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		—	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		—	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
				<u>EtherNet/IP Services</u>		
				<u>Parameter Options</u>		
	Services	<input type="checkbox"/>	_____	_____		
<input checked="" type="checkbox"/> None Supported	<input type="checkbox"/>	_____	_____			
	<input type="checkbox"/>	_____	_____			
	<input type="checkbox"/>	_____	_____			
Object Instance		ID	Description	Get	Set	Value Limits
Attributes		1	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		2	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
<input checked="" type="checkbox"/> None Supported		3	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		4	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		5	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		6	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		7	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		8	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		9	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
		10	_____	<input type="checkbox"/>	<input type="checkbox"/>	_____
			<u>EtherNet/IP Services</u>			
			<u>Parameter Options</u>			
Services	<input checked="" type="checkbox"/>	<u>0x4B-Execute PCCC Service</u>	_____			
<input type="checkbox"/> None Supported	<input checked="" type="checkbox"/>	<u>0x4C-Execute PCCC Service</u>	_____			
	<input type="checkbox"/>	<u>with source ID</u>	_____			
	<input type="checkbox"/>	_____	_____			
	<input type="checkbox"/>	_____	_____			
Vendor Specific Additions (for Open objects only)		If yes, fill out the Vendor Specific Additions form (Form 9)	Yes	<input type="checkbox"/>		
			No	<input checked="" type="checkbox"/>		

Get to indicate that attribute value is returned by the use of Get_Attribute_Single service
 Set to indicate that attribute value can be set by the use of Set_Attribute_Single service