V19.4.5
Drivers

eScada.Drivers.LTIServoOne
(LTI DRiVES)

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OS availability
Windows, Linux, RaspBian

Atomic data type
Byte or 16, 32 bit Word oriented protocol.

Hardware and documentation reference
www.lti-motion.com

Parameters available in every section

Channel:	none	
Device:	IP address	It can be IPV4 Multiple addresses can be expressed separated using , (comma) e.g. 192.168.1.10,192.168.1.11
	TCP Port	A valid TCP port number (default 2317)
	Reconnect timeout [ms]	Waiting time before a reconnection after COMM break-down
	Response timeout [ms]	Timeout interval used to wait for a response.
	Bytes order	Little Endian, Big Endian
	String actions	0=None 1=Swap bytes in words
Group:	none	
Tag:	none	

Remarks for devices

The following attributes can be expressed for every device.

Bytes order actions	None, Swap bytes (little endians ↔ big endians adjustment)
String actions	None, Swap bytes in words

Data type remarks:
- Single bit not supported; in case of LTI bool32 type, please use unsigned integer 32 bit.
- 64 bit integers and double precision floating point TAGs are not supported.
- S7 Strings type are not supported.
- Multiple items for string type parameters are not supported.
- Parameters can be written one by one, thereby multiple elements are not allowed for writing TAGs.
- Multiple items for reading TAGs can be used, but data type must be same for all items and items must belong to the same parameter.
- Parameters of string type can be defined with a string length up to 252 chars.

Addressing:
Dx.**P**y.**ID**z

D=Data set
Optional, if missing the actual active data set will be used.

P=Parameter ID (**remarks**: standard ID, it must be a decimal number not hexadecimal)
Required

ID=Parameter sub ID; first sub index is 0, even for parameters with no sub index declared.
Required

Variable type	Type	Address type	Items
Boolean The number of items used declaring TAGs, must be a multiple of 16			
Single bit	Bit	not supported	
Byte The number of items used declaring TAGs, must be a multiple of 2			
Unsigned 8 bit	UInt8	see addressing ...	(A)
Signed 8 bit	Int8		
16 bit			
Unsigned integer 16 bit	UInt16	see addressing ...	(A)
Signed integer 16 bit	Int16		
32 bit			
Unsigned integer 32 bit	UInt32	see addressing ...	(A)
Signed integer 32 bit	Int32		
Single precision 32 bit - (IEEE 754)	Float		
64 bit			
Unsigned integer 64 bit	UInt64	not supported	
Signed integer 64 bit	Int64		
Double precision 64 bit - (IEEE 754)	Double		
Strings String bytes can be interpreted as ASCII, UTF-7, UTF-8, UTF-16 or UTF-32 encoding			
Array of bytes	String	see addressing ...	1
Array of bytes. (Siemens S7) Array of bytes. (AllenBradley style)	S7String ABString	not supported	
(A) Items number greater than 1 can be specified for same data type and within the same parameter. Not for TAGS defined as read and write mode.			