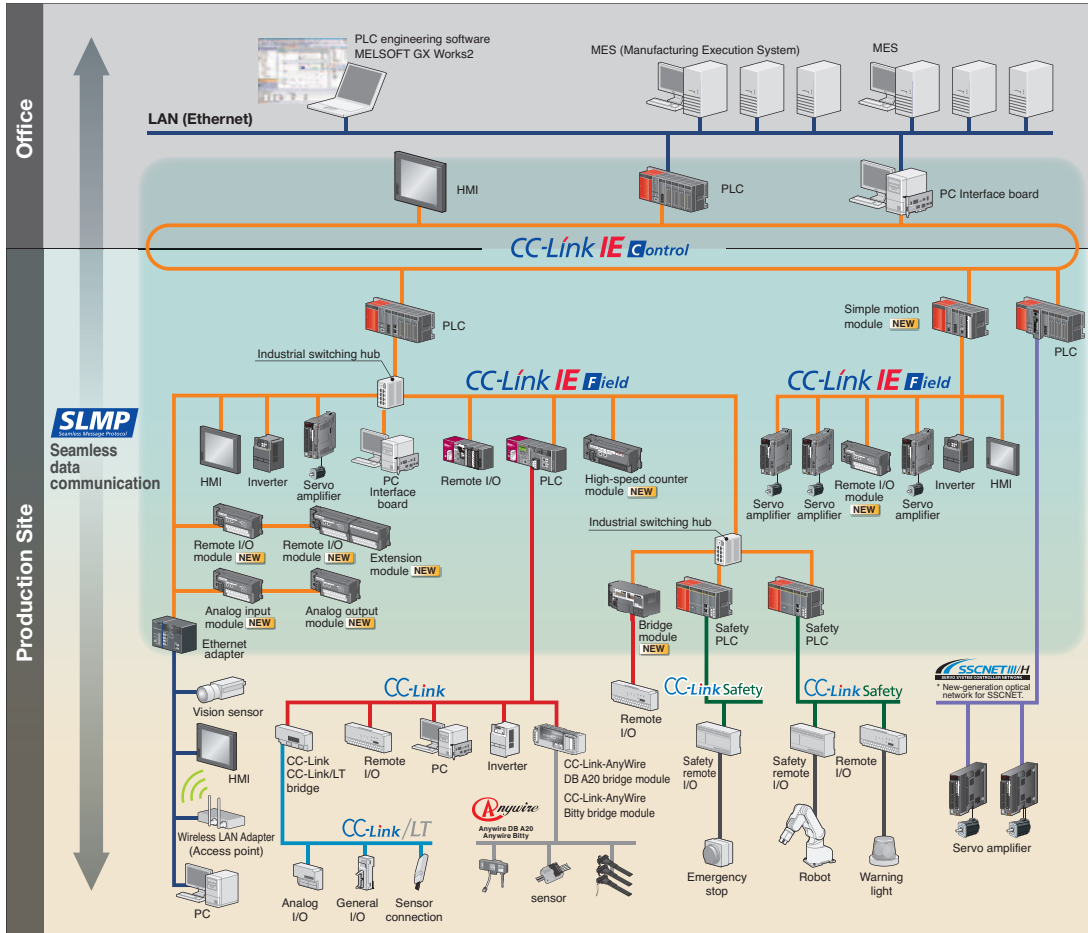


# CC-Link IE



CC-Link IE is an open 1Gbit Industrial Ethernet automation network consisting of ; CC-Link IE Control, CC-Link IE Field. CC-Link IE Control communicates over dual-loop fiber between PLCs, HMIs, and PCs with an extremely large cyclical data-sharing capacity. CC-Link IE Field has a smaller cyclical data-sharing capacity, but communicates with both PLCs and Remote I/O stations over shielded Cat5e cables with standard RJ45 connectors in a star, line, or combination topology. CC Link IE Field Basic realizes easier network integration, as its cyclic communications stack is software-based, without requiring a dedicated hardware and also utilizes RJ45 connectors. It is used for small-scale systems.

## CC-Link IE Products

Product	Model Number	Description	Stocked Item	
CC-Link IE Field/ Control/Basic	CPU	R04ENCPU, R08ENCPU, R16ENCPU, R32ENCPU, R120ENCPU	CPU	S

## CC-Link IE Field Basic Remote I/O

Product Name	Model Name	Specification	Terminal Block	Number of Input Points	Number of Output Points	Input Type	Output Type	Rated Input/Load Voltage	Input Response Time	Dimensions (mm)	Stkd Item	Wiring Method for Common
DC Input	NZ2MFB1-32D	32 Points, DC24V, Input Response Time 0~70ms, Plus Common/Minus Common Intercommunity, Single Wire System	Screw	32	-	Positive common/negative common shared type	-	DC24V	0~70ms	200x50x68	S	32 points/common (two points) (1-wire, screw terminal block type)
	Spring clamp		S									
Transistor Output	NZ2MFB1-32T	32 Points, DC12V/24V (0.5A), Sink Type, Single Wire System	Screw	-	32	-	Sink	DC12V/24V(0.5A)	-		S	
	Spring clamp		S									
Transistor Output	NZ2MFB1-32TE1	32 Points, DC12V/24V (0.1A), Source Type, Single Wire System	Screw	-	32	-	Source	DC12V/24V(0.1A)	-		S	
	Spring clamp		S									
Input/Output Mix	NZ2MFB1-32DT	Input: 16 Points, DC24V, Input Response Time 0~70ms, Plus Common, Single Wire System Output: 16 Points, 24V(0.5A), Sink Type, Single Wire System	Screw	16	16	Positive common type	Sink	Input: DC24V, Output: 24V(0.5A)	0~70ms		S	
	Spring clamp		S									
Input/Output Mix	NZ2MFB1-32DTE1	Input: 16 Points, DC24V, Input Response Time 0~70ms, Minus Common, Single Wire System Output: 16 Points, 24V(0.1A), Source Type, Single Wire System	Screw	16	16	Negative common type	Source	Input: DC24V, Output: 24V(0.1A)	0~70ms		S	
	Spring clamp		S									
AC Input	NZ2MFB2-16A	16 Points, AC100~120V, Input Response Time 20ms, Double Wire System	Screw	16	-	-	-	AC100~120V	20ms	S	16 points/common (2-wire, screw terminal block type)	
Relay Output	NZ2MFB2-16R	16 Points, DC24V/AC240V (2A), Relay Output, Double Wire System	Screw	-	16	-	Relay	DC24V/AC240V(2A)	-	S		

\*1 If the input response time is set to "0ms", the actual input response time is 80µs at OFF – ON, and 160µs at ON – OFF.