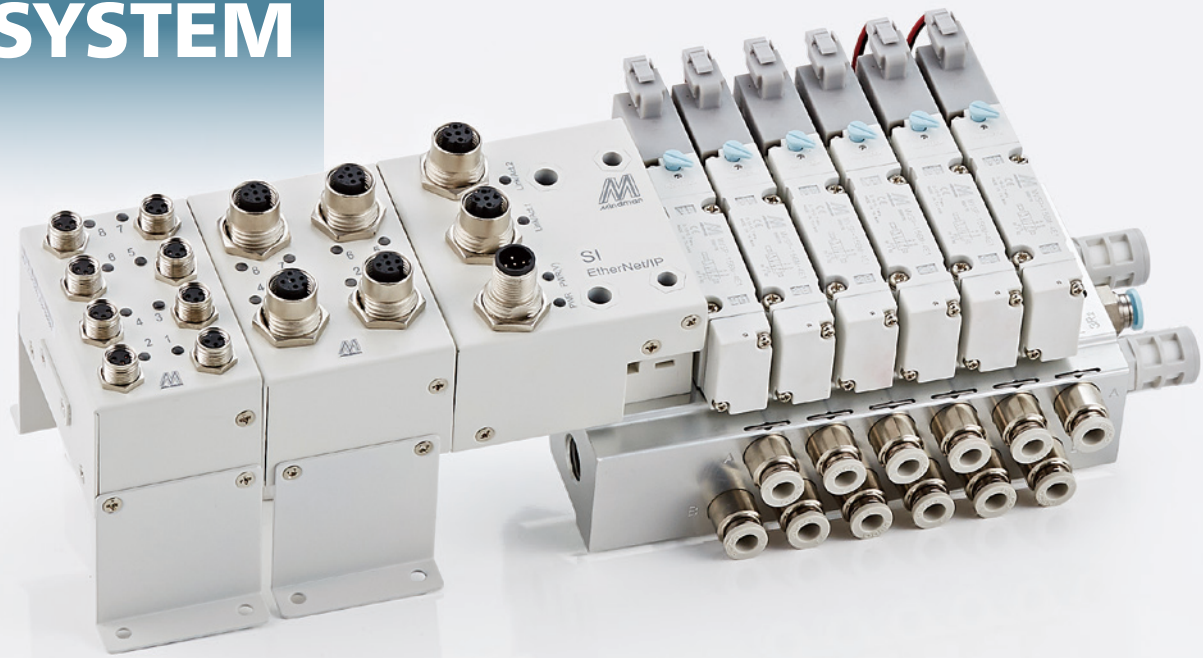
MVE

FIELDBUS SYSTEM



Compatible Protocol

EtherNet/IP

Lower cost

Wiring time and labor cost can be reduced

Counter function

It is possible to ascertain the maintenance period and identify the parts that require maintenance.

I/O Unit

Max. 8 I/O units can be connected

Short/Open-circuit detection function

The error location can be identified.

Web server function

Enable status checking and parameter settings by using web browser.

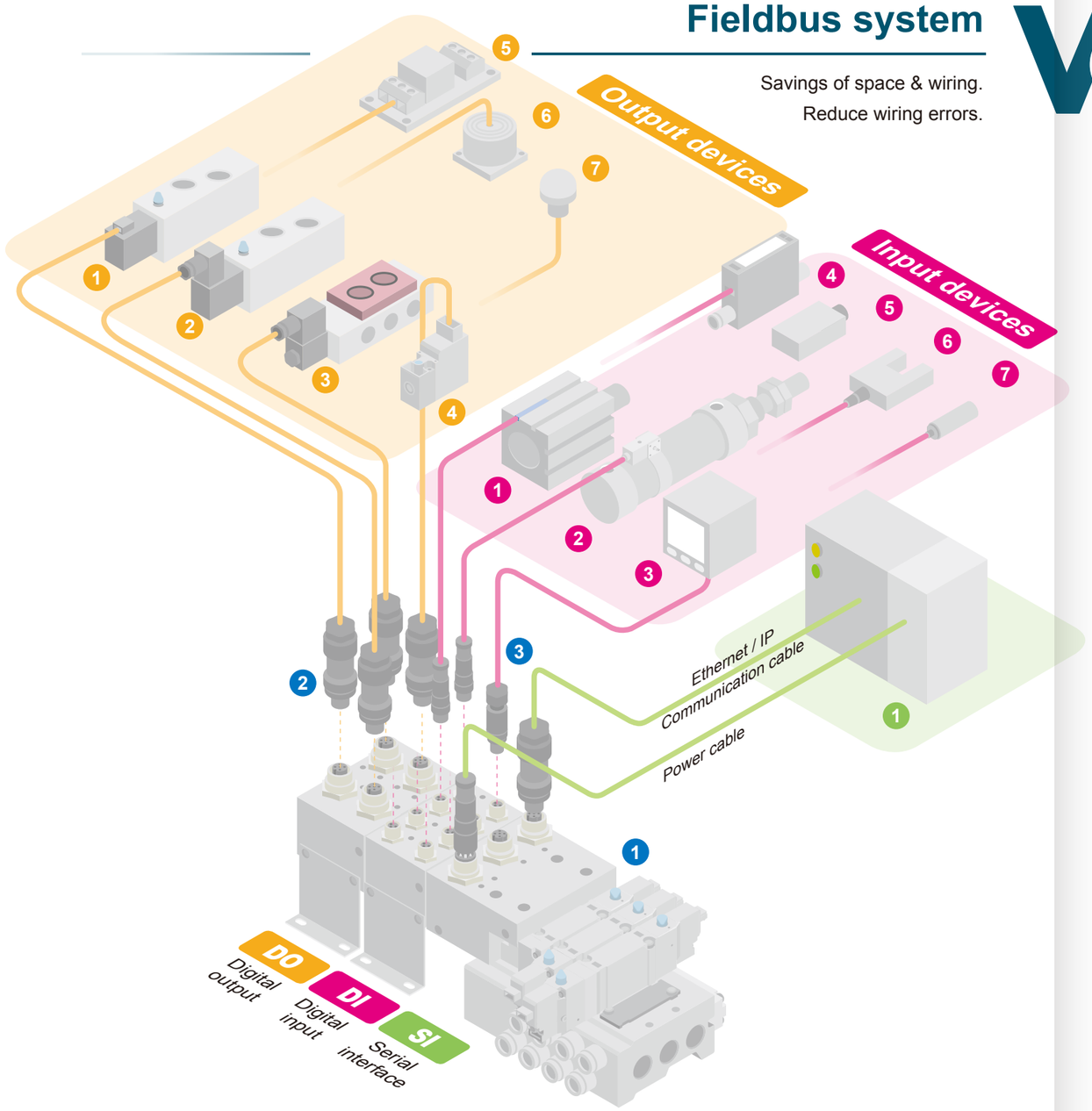
Fieldbus system

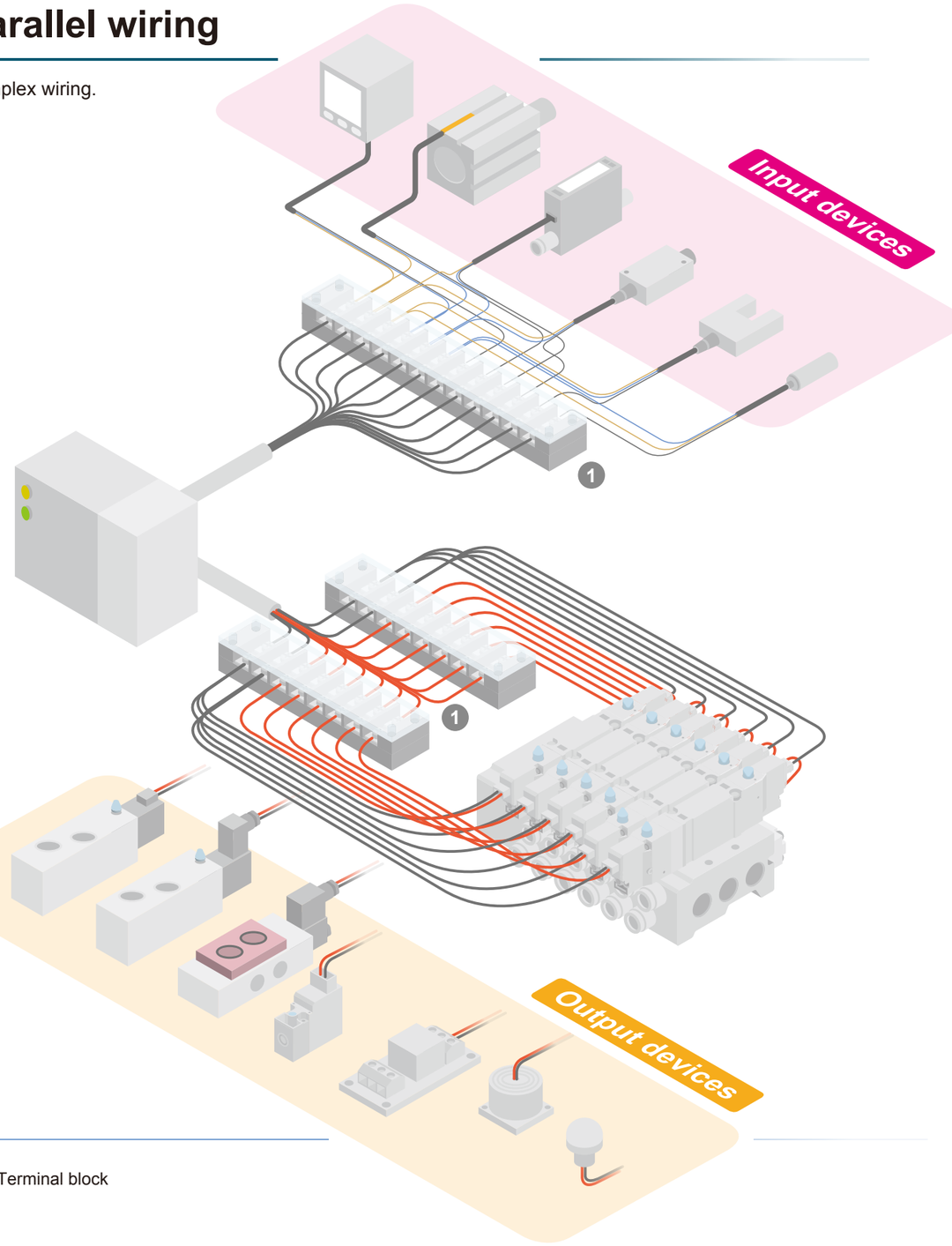
Savings of space & wiring.
Reduce wiring errors.

VS

Parallel wiring

Complex wiring.





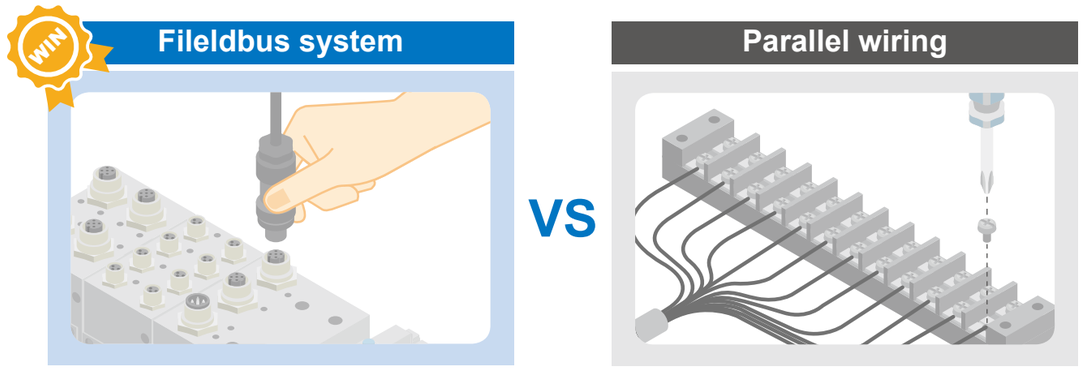
1. MVSP series Solenoid valve
2. MVSC1 series Solenoid valve
3. MVSN series Solenoid valve
4. MVDY series Solenoid valve
5. Relay
6. Buzzer
7. Indicator light

1. RC* series Sensor switch
2. RC* series Sensor switch
3. MP* series Sensor switch
4. Flow sensor
5. Limit switch
6. Photoelectric switch
7. Proximity sensor

1. PLC
1. MVE series
2. Connector
3. Cable

1. Terminal block

Save wiring labor cost



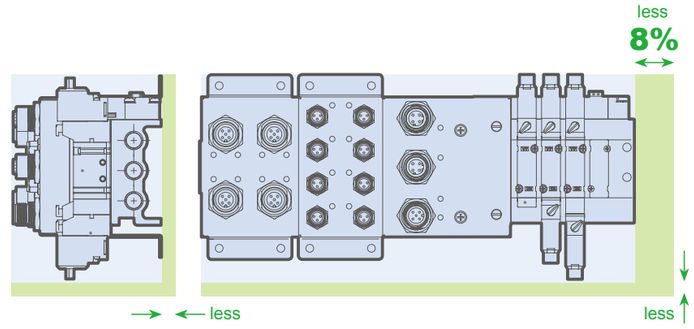
Smaller

Space saving

Space utilized lessen by 8%

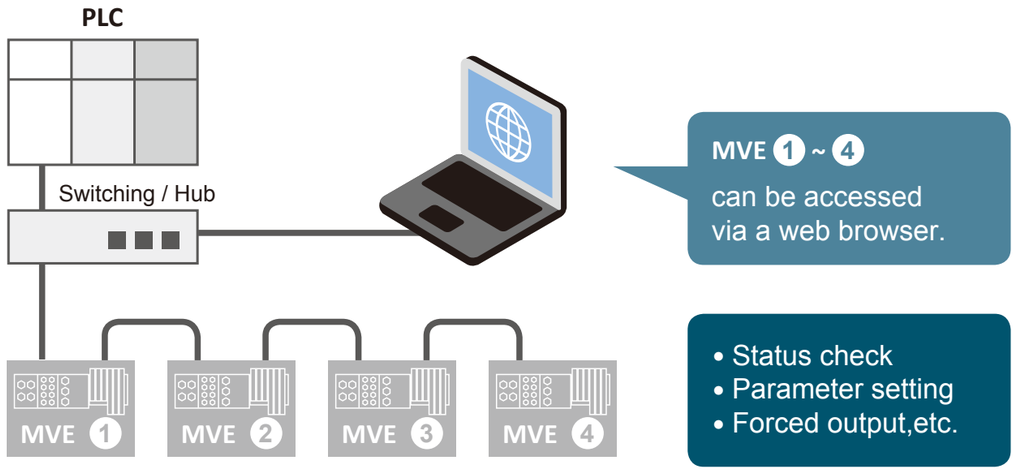
More space can be hugely reduced compared with parallel wiring.

Less space used by 8% in comparison with other brands.



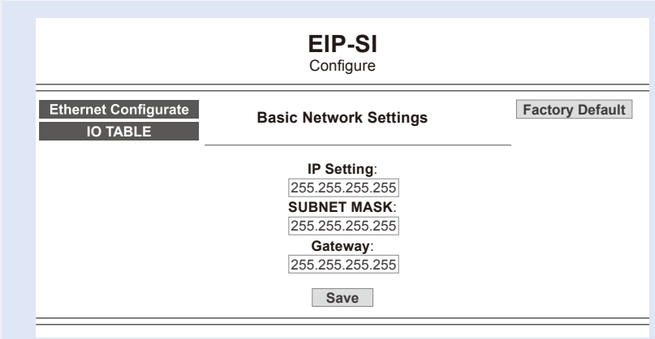
Web server function

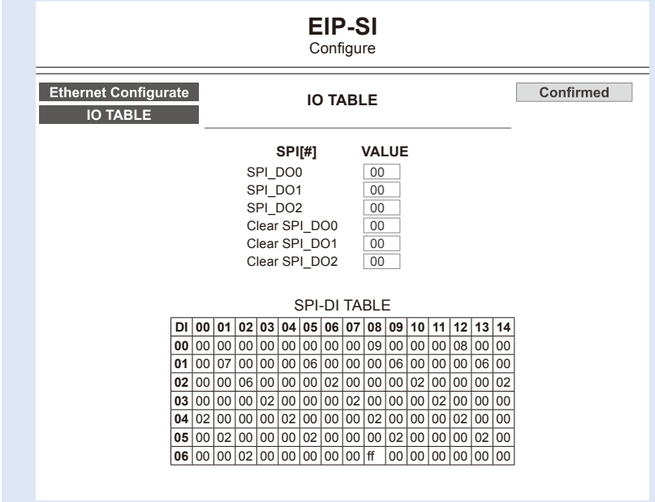
Using general web browsers, such as IE, Google Chrome which enable status check and parameter settings. Operation and maintenance can be performed efficiently.



Web user interface

Users can type the MVE IP address on the browser URL. The Ethernet settings and the IO diagnostic can be shown on the web page.



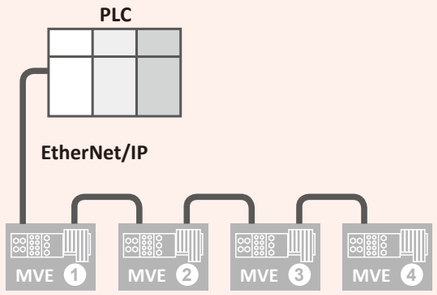


DI	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
00	00	00	00	00	00	00	00	00	09	00	00	00	08	00	00
01	00	07	00	00	00	06	00	00	00	06	00	00	00	06	00
02	00	00	06	00	00	00	02	00	00	00	02	00	00	00	02
03	00	00	00	02	00	00	00	02	00	00	00	02	00	00	00
04	02	00	00	00	02	00	00	00	02	00	00	00	02	00	00
05	00	02	00	00	00	02	00	00	00	02	00	00	00	02	00
06	00	00	02	00	00	00	00	00	ff	00	00	00	00	00	00

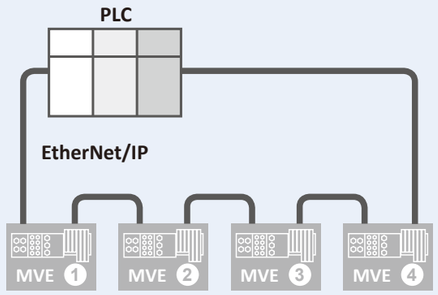
Compatible topologies

In addition to the general star type, it is available for **linear** and **ring** topologies.

Linear type



Ring type



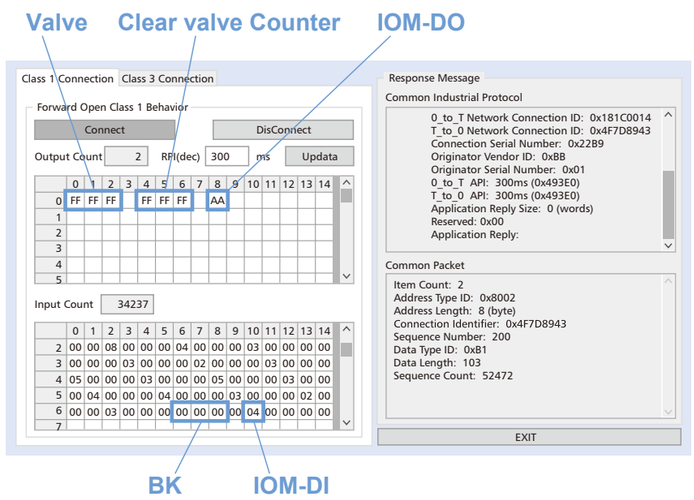
Connection & setting

Download the tool kits, software and user manual on Mindman website.

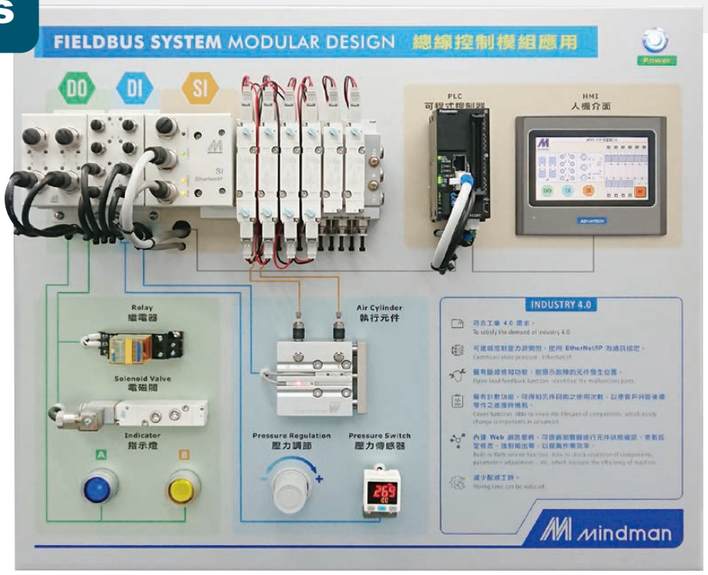
Utility

MINDMAN_EIP

Control interface Friendly user interface



Applications



Acting Video

Packet Format

Please refer to [User Manual]

MVE-100-SEA-P / MVE-100-SEA-N			
Instance	Byte Order	Description	
Input (0×65)	1st	DO Status	DO0~DO7 status
	2nd		DO8~DO15 status
	3rd		DO16~DO23 status
	4th	N/A	N/A
	5th ~96th	DO Counters	DO0~DO22 counters (4 bytes for each channel)
	97th	DO break-detect	DO0~DO7 break-detect
	98th		DO8~DO15 break-detect
	99th		DO16~DO23 break-detect
	100th	N/A	N/A
Output (0×66)	1st	DO status	Set DO0~DO7 status
	2nd		Set DO8~DO15 status
	3rd		Set DO16~DO23 status
	4th	N/A	N/A
	5th	Clear valve counters	Clear DO0~DO7 counters
	6th		Clear DO8~DO15 counters
	7th		Clear DO16~DO23 counters
	8th	N/A	N/A

MVE-100-DO*B			
Instance	Byte Count	Byte Order	Description
Output (0×66)	1 Byte	1st	DO0~DO7 status

MVE-100-DI*A			
Instance	Byte Count	Byte Order	Description
Input (0×65)	1 Byte	1st	DI0~DI7 status

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