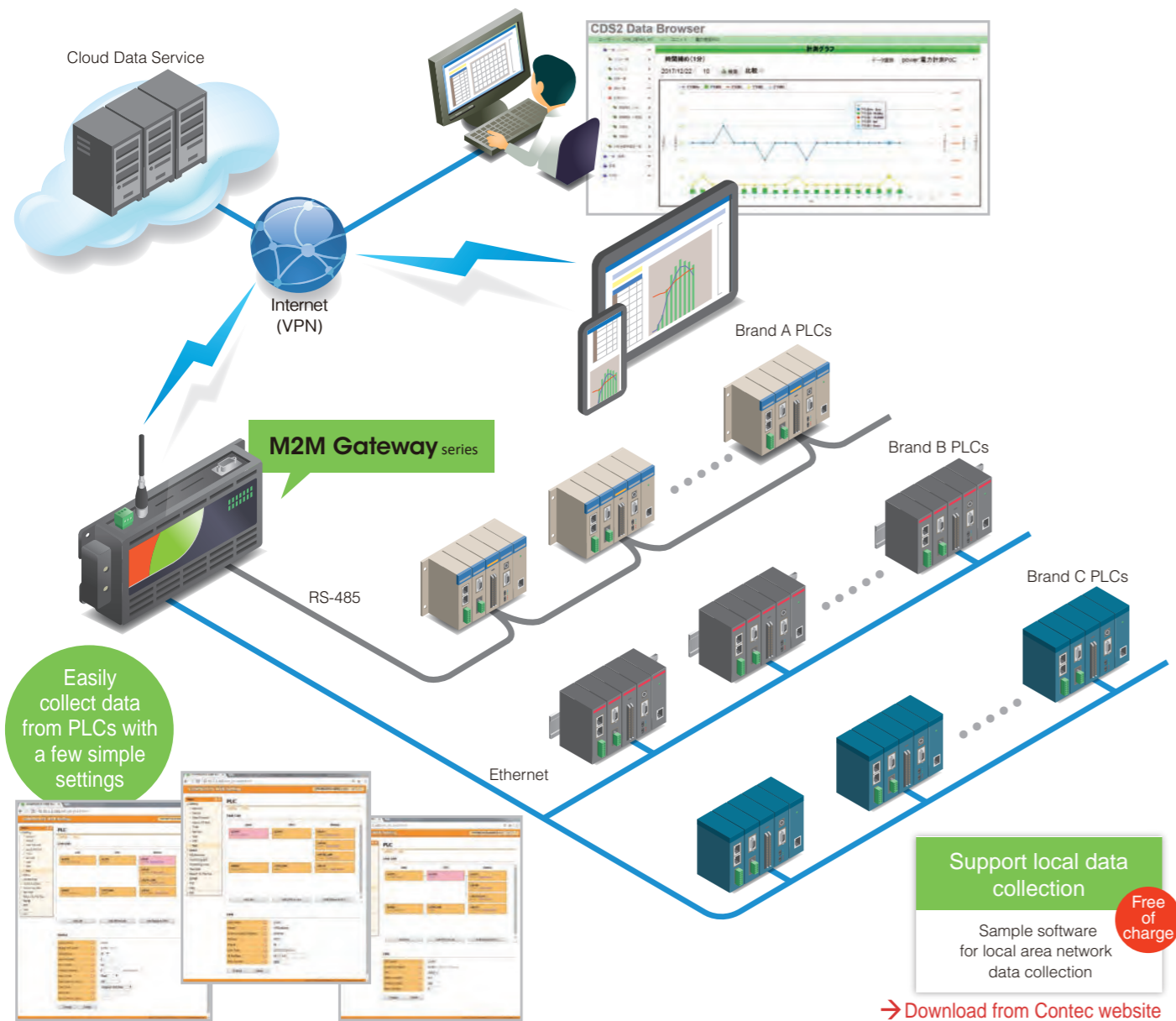# Multi-vendor Compatible PLC to IoT
| M2M Gateway series

A single CONPROSYS controller can collect data from multiple PLC controlled equipment.
M2M Gateway series supports devices from a variety of vendors,
including Mitsubishi MELSEC series, Omron Sysmac series, JTEKT TOYOPUC series, Panasonic FP series,
and Keyence KV series. One Gateway device can connect and collect data from multiple PLCs.

Cloud Data Service

CDS2 Data Browser

Internet (VPN)

Brand A PLCs

M2M Gateway series

Brand B PLCs

RS-485

Brand C PLCs

Easily collect data from PLCs with a few simple settings

Ethernet

Support local data collection

Free of charge

Sample software for local area network data collection
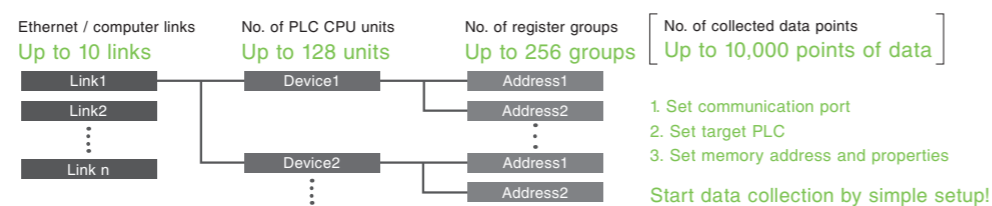
→ Download from Contec website

• Monitoring PLC Device Memory

- Reads data from PLC memory (I/O status, data register, link register, file register, etc.)
- Transmits collected data to the cloud through simple settings.
- It is possible to communicate with the PLC at an arbitrary timing by setting the communication attribute and using the VTC function
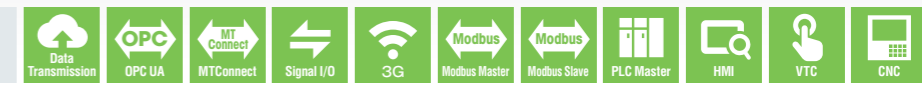
• Link up to 10 Systems and 256 Register Groups

Connect up to 10 PLCs using an Ethernet connection or up to 128 PLCs using a serial connection. Connect up to 256 register groups to collect up to 10,000 points of data.

Ethernet / computer links	No. of PLC CPU units	No. of register groups	No. of collected data points
Up to 10 links	Up to 128 units	Up to 256 groups	Up to 10,000 points of data

Link1 — Device1 — Address1 / Address2
Link2
Link n — Device2 — Address1 / Address2

1. Set communication port
2. Set target PLC
3. Set memory address and properties

Start data collection by simple setup!

Lineup

Integrated Type

Data Transmission | OPC UA | MTConnect | Signal I/O | 3G | Modbus Master | Modbus Slave | PLC Master | HMI | VTC | CNC

Refer pages 6 to 9 for icon definitions

LAN Model
CPS-MG341-ADSC1-111

Built-in OPC UA Server Model
CPS-MG341-ADSC1-931
FANUC MT-LINK*i* enabled

3G Model
CPS-MG341G-ADSC1-111

Built-in OPC UA Server Model
CPS-MG341G-ADSC1-930
FANUC MT-LINK*i* enabled

* Key features are same as integrated type M2M controller series. Refer P10 for details.

Type		Integrated Type			
Name of Product		PLC data logger + Multi I/O	PLC data logger + Multi I/O with built-in OPC UA server and MTConnect Adapter & Agent	PLC data logger + Multi I/O + 3G WAN (Japan Only)*1	PLC data logger + Multi I/O + 3G WAN (Japan Only)*1 with built-in OPC UA server and MTConnect Adapter & Agent
Model		CPS-MG341-ADSC1-111	CPS-MG341-ADSC1-931	CPS-MG341G-ADSC1-111	CPS-MG341G-ADSC1-930
Interfaces	LAN	2ch	2ch*4	2ch	2ch*4
	SD Card Slot	1 Slot	1 Slot	1 Slot	1 Slot
	USB	1ch	1ch	1ch	1ch
	Digital Input	4ch*2	4ch*5	4ch*2	4ch*5
	Digital Output	2ch	2ch	2ch	2ch
	Analog Input (Current)	2ch	2ch	2ch	2ch
	Analog Input (Voltage)	—	—	—	—
	Analog Output (Voltage)	—	—	—	—
	Counter	2ch*3	2ch*3	2ch*3	2ch*3
	RS-422A/485	1ch	1ch	1ch	1ch
	RS-232C	1ch	1ch	1ch	1ch
	CAN	—	—	—	—
	3G SIM (Standard)	—	—	1 Slot	1 Slot
	920MHz	—	—	—	—
Functions	Data Transmission	○	○	○	○
	OPC UA Server	—	○	—	○
	MTConnect	—	○*6	—	○*6
	Signal I/O	○	○	○	○
	Modbus Master	○	○	○	○
	Modbus Slave	○	○	○	○
	PLC Master	○	○	○	○
	HMI	○	○	○	○
	VTC	○	○	○	○
	CNC Communication	—	○	—	○
	Signal Tower Light Monitor	○	○	○	○
Others	Operating temperature	-20 to 60°C (-4 to 140°F)			
	Physical dimensions	188.0(W)×78.0(D)×30.5(H)mm (7.40"x3.07"x1.20") (does not include protrusions and antenna)			
	Power supply voltage	12 to 24VDC			

*1 SIM card not included. Standard size SIM card only. Visit www.contec.co.jp for details.
*2 Opto-isolated input (supports sink output). Built-in 12VDC power. *3 Counter inputs share with digital inputs.
*4 The LAN ports are independent, which makes it possible to split the network segment.
*5 Opto-isolated inputs (supports both current sink output and current source output). Built-in 12VDC power or external 12-24VDC power is switchable.
*6 Transmittable signals by MTConnect are the collected data through the gateway module's interfaces, and the serial communication data with the CNC.
*7 A new product, Signal Tower Light Monitor, has been released. Refer to page 17 for details.
* The specifications are supported by the newest firmware drivers. Please download the newest firmware from Contec website when you need.

• Supports Multiple PLC Devices and Modbus Equipment from Different Vendors

Compatible with Mitsubishi MELSEC-FX / -A / -Q / -L / iQ-F / iQ-R series,
Omron Sysmac C / CPM / CS /CJ / CP series, JTEKT TOYOPUC PC10G-CPU series,
Panasonic FP7 / FPΣ / FP-X / FP-X0 series and Eco-POWER METERs,
and Keyence KV-3000 / KV-5000 / KV-7000 / KV-8000 / KV-Nano series.
Communicates with a variety of Modbus equipment

Please visit our website for the latest information regarding supported PLCs and Modbus devices.

PLC ▶   Modbus devices ▶