IIoT Gateway for OT/IT Convergence
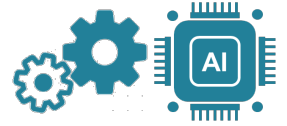
Data Collection **Visualization** **Analysis** **Optimization**

ON-PREMISE   CLOUD

OPC · MQTT · HTTP · FTP · aws · Azure · Google Cloud Platform

Device Gateway

IIoT Ready

Retrofit

DeviceGateway DGW-C10 · docker
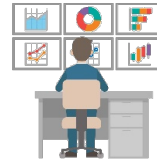
Custom Logic

No Code

320+ series of devices from 80+ vendors

Vendor-specific Protocols

Open Standard Protocols

Factory / Plant   **Building**   **Infrastructure**

Device Connectivity

Supports communication with 80+ vendors and 320+ series of devices in vendor-specific protocols.

IIoT Ready

Supports several IIoT interfaces OPC, MQTT, and HTTP. Easy integration with your system.

Multi Platform

Runs as a Docker container on various distributions of Linux as well as Windows.

Features

- Easy Configuration (Web UI)
  Connect to devices in just 3 steps
- Communication Diagnostics
- Data Simulation
- Alarm Handling
- User Authentication
- File Operation
- Firewall

- Custom Logic

Trigger	Action
- Cycle - Time - Value Change - Alarm Report - MQTT Subscribe - BLE Receive etc.	- Read / Write Value - File Operation - Send Email - Process Value - MQTT Publish - HTTP Request etc.

Device Connectivity

320+ series of devices from 80+ vendors

Type	Description
PLC	Mitsubishi MELSEC, Rockwell AB, Siemens S7, GE PLC, Omron SYSMAC, Jtekt TOYOPUC, Yokogawa FA-M3, Fuji MICREX, Panasonic FP, Yaskawa MP, Keyence KV, Toshiba V, Sharp SATELLITE, Azbil CPL, IAI Controller, 3S CoDeSys, Delta PLC, etc.
NC, Robot, Machine Tool	Fanuc CNC(DPRNT), Mitsubishi CNC, Mitsubishi EDM, Yamaha Robot, Shibaura Machine, DPRNT, Mazak INTEGREX, Sanyo Denki SANMOTION, Wago Remote I/O, etc.
Open Network	MTConnect, MODBUS/TCP, MODBUS/RTU, EtherNet/IP, BACnet/IP, IEC61850 MMS, DNP3.0, Shared Memory, Bluetooth Beacon, etc.

PLC | NC/CNC | Robot | Machine Tool | Measuring Instrument | Open Standard Network

Lineup

Hardware Model

Lineup	Description
DGW-C10	- 8 devices / 8,192tags in Total - 2 Ethernet and 1 Serial (RS232C) - 100-240VAC
DGW-W710	- 8 devices / 8,192tags in Total - 2 Ethernet and 3 Serial (RS232C x1, R485 x2) - DI 4ch / DO 4ch - 24 VDC

Docker Container

Lineup	Description
Basic Model	- 1 Device / 1,024 Tags in Total
Normal Model	- 8 Devices / 8,192 Tags in Total
High Spec Model	- 64 Devices / 65,536 Tags in Total

TAKEBISHI PRODUCT CHECK!

Contact

October 2024