CONTEC

IoT Products

Purpose-built technology solutions for a wide range of applications

■ M2M / IoT Solutions CONPROSYS™

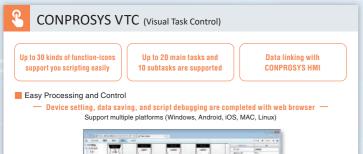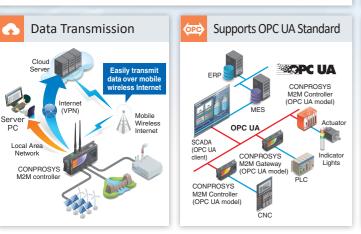Flexible support for building your M2M / IoT system with various of products, software and services.

IoT Gateway

M2M Controller

Establish an IoT environment quickly and easily with this base model

- Supports OPC UA / MTConnect
- Integrated type controller includes a wide variety of I/O interfaces
- Configurable type controller supports up to 20 various I/O modules

M2M Gateway

PLC / CNC data logger

- Compatible with major PLC / CNC manufacturers
- Supports OPC UA / MTConnect
- Links up to 10 systems and 256 register groups

Signal Tower Light Monitor

EnOcean based wireless sensor for CONPROSYS controllers

Graphic display (example of equipment layout map)

- Easy installation and setup
- Power saving wireless (EnOcean) standard
- Ready to use monitoring screens

Status monitoring screen (Andon display)

Function

⌨ CONPROSYS VTC (Visual Task Control)

Up to 30 kinds of function-icons support you scripting easily	Up to 20 main tasks and 10 subtasks are supported	Data linking with CONPROSYS HMI

- Easy Processing and Control
  — Device setting, data saving, and script debugging are completed with web browser —
  Support multiple platforms (Windows, Android, iOS, MAC, Linux)

Set the function icon in property area

Drag function icons from tool box to the grid area

Test the script in the debug window

🖵 CONPROSYS HMI (Human-Machine Interface)

Creating screens with a variety of prepared display items	Data linking and checking can be performed at the same time as editing the screen	Enables visualization just with CONPROSYS

- Monitoring
  — Device setting, data saving, and script debugging are completed with web browser —
  Support multiple platforms (Windows, Android, iOS, MAC, Linux)

Display control items area
Select control items from the list of the display control items area and arrange these items on the screen.

Menu bar area

Set the function icon in property area

Click an item or drag an item to the screen

Property area
Use the property area on the right side to set items. It is also possible to create layers and to write JavaScript code.

Variables link area

JavaScript area

Layer area

☁ Data Transmission

Easily transmit data over mobile wireless Internet

Cloud Server
Server PC
Internet (VPN)
Mobile Wireless Internet
Local Area Network
CONPROSYS M2M controller

OPC Supports OPC UA Standard

ERP
MES
OPC UA
SCADA (OPC UA client)
Actuator
CONPROSYS M2M Controller (OPC UA model)
CONPROSYS M2M Gateway (OPC UA model)
Indicator Lights
PLC
CONPROSYS M2M Controller (OPC UA model)
CNC

Modbus Master

CONPROSYS M2M Gateway
Simple settings make it easy to collect data
Ethernet
CONPROSYS nano series
Supports multiple interfaces
Serial
Electricity meter
Meter
Modbus compatible PLC

⬛ PLC Master

CONPROSYS M2M Gateway
Simple settings make it easy to collect PLC data
Batch collect data from multiple equipment sources
Ethernet
Supports multiple interfaces
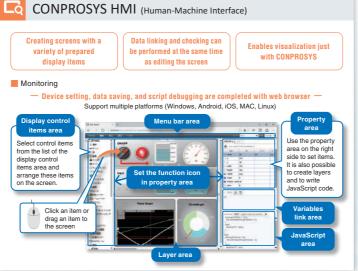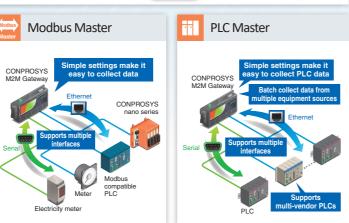Serial
PLC
Supports multi-vendor PLCs

❯ PAC (Programmable Automation Controller)

PAC series

CODESYS runtime system pre-installed programmable controller

- Either EtherCAT or Modbus supported models
- Compatible with both integrated and configurable models

CODESYS

EtherCAT slave

EtherCAT features allow I/O modules to be controlled from a distance. Up to 16 I/O modules can be stacked to one slave unit.

- EtherCAT slave unit is compliant with EtherCAT Modular Device Profile (MDP) standard (ETG.5001.1).
- Daisy chain connection

❯ Remote I/O

CONPROSYS nano Slave type

2 x LAN (built-in switch) model

- PC / PLC-based centralized control
- A wide range of I/O modules can be used as remote I/O for communication devices having Modbus master functions.

CONPROSYS nano Software PLC type

CODESYS

- Suitable for distributed control
- CODESYS runtime is built-in (IEC 61131-3 standard compliant)
- 4 × I/O module slots

IO-Link Master CPSL-08P1EN

- Simple connection with IO-Link sensors
- Supports multiple field bus protocol
- IP67 dust-proof, drip-proof design

Supports all kinds of signals

- Voltage I/O
- Current I/O
- Temperature input
- Counter
- Digital I/O
- Relay Output
- RS-485 Communication

Good for all kinds of fields

110mm
95mm
60℃
-20℃

❯ Software

Web HMI/SCADA Software CONPROSYS HMI System（CHS）

- HTML5 technology-based
- Access anywhere
- Real SCADA realized by web system
- Support CONPROSYS IoT devices
- Support MQTT (Built-in broker)
- Easy online purchase

MyCommerce® A Digital River Company

Visit our demo page of CONPROSYS HMI System (CHS)!

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