

- Securely collect data from industrial devices.
- Send data to Lumada Edge Intelligence.
- Run analytic applications on gateway computers.
- Protect from data loss with store and forward.



**DATA SHEET**

## Break Down Operations-Data Silos With Edge Connect Software

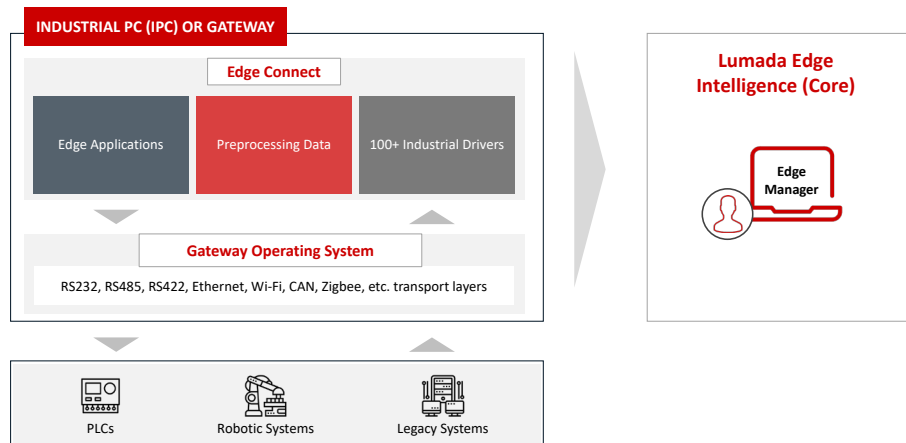
### Enable Integration to Any OT Device Via Edge Drivers and Connectors

Hitachi's Lumada Edge Intelligence includes Edge Connect software that lets you collect data from proprietary industrial systems and run applications locally. It enables event processing, machine learning models and more – all in an offline first deployment.

Edge Connect comes with many historian, sensor, computerized numeric control (CNC), programmable logic controller (PLC), distributed control system (DCS) and industrial gateway drivers for fast implementation of your edge computing needs. Don't see a driver you need? Let us know, and we can provide custom driver scripts to support your industrial gateway device.

Deep integration capabilities with both legacy and newer automation systems enable Edge Connect to manage the variety of devices in an industrial environment. Edge Connect software also provides support for many protocols and buses, such as RS232, RS485, CAN, Ethernet, Fieldbus and others.

Edge Connect software easily installs on an industrial PC (IPC) or gateway device and connects to operational technology (OT) devices and collects data, saving time in developing interfaces from scratch. You don't have to be an automation



### LUMADA EDGE INTELLIGENCE'S EDGE CONNECT INTEGRATES AND CONNECTS DATA

system expert to create custom flows of data from proprietary devices. Flows are created via a browser-based drag-and-drop interface, so no need to install user interface software. Edge Connect monitors the internet connection and buffers data locally, so when a connection is dropped or not available, the data is retained, and no data is ever lost.

- **Run anywhere.** Edge Connect runs on most IoT gateways, industrial PCs or as a virtual machine (VM).
- **Collect data from anywhere.** In just a few clicks, administrators can quickly and easily connect to any PLC, DCS, robotic systems, CNCs and other industrial assets.

- **Management.** Remotely access Edge Connect to reboot it or reset gateways to factory settings. Also, upload firmware upgrades to a device.

## DEVICE DRIVERS FOR LUMADA EDGE INTELLIGENCE, EDGE CONNECT

Allen-Bradley ControlLogix	Yes
Allen-Bradley ControlLogix Unsolicited	Yes
Allen-Bradley DF1 Ethernet	Yes
Allen-Bradley DF1 Serial	Yes
Allen-Bradley Micro800 Ethernet	Yes
Allen-Bradley Micro800 Serial	Yes
Allen-Bradley PLC5 Ethernet & Serial	Yes
B&R Modbus Advance	Yes
BACnet IP	Yes
Barcode HID	Yes
Beckhoff TwinCAT 3 ADS	Yes
Beckhoff TwinCAT PLC	Yes
Beckhoff Unsolicited	Yes
Can Raw	Yes
Codesys V2 Ethernet	Yes
Cutler-Hammer/Eaton ELC Ethernet	Yes
Cutler-Hammer/Eaton ELC Serial	Yes
Delta AS300 Ethernet	Yes
Delta DVP Ethernet	Yes
Delta DVP Serial	Yes
Ethernet HTTP Request-Response Raw	Yes
Ethernet TCP Raw	Yes
Ethernet UDP Raw	Yes
Fanuc Focas 2 Ethernet	Yes
Fanuc Focas HSSB	Yes
Fuji NB	Yes
Fuji SPH2000	Yes
GE Fanuc 90-30 Ethernet	Yes
GE Fanuc 90-30 Serial	Yes
GE SNP	Yes
GE SNPX	Yes
GE VersaMax Ethernet	Yes
GE VersaMax Serial-CMM	Yes
HID Raw	Yes
Hitachi EHV Serial	Yes
JTeki Toyopuc PC3/PC2/PC10 Ethernet	Yes
JTeki Toyopuc PCK06 Serial	Yes
Keyence KV Ethernet	Yes
Keyence KV Serial	Yes
Koyo / AutomationDirect Click Ethernet	Yes
Koyo / AutomationDirect Click Serial	Yes
Koyo / AutomationDirect DirectLogic Ethernet	Yes
LS Glofa Serial (Cnet)	Yes

LS MASTER-K Serial (Cnet)	Yes
LS XGB Series (XGM, XBC, XEC) Ethernet	Yes
LS XGB Series (XGM, XBC, XEC) Serial	Yes
LS XGT Series (XGK, XGI, XGR) Ethernet	Yes
LS XGT Series (XGK, XGI, XGR) Serial	Yes
Mitsubishi FX2N / FX2N-1020G Serial	Yes
Mitsubishi FX3G Serial	Yes
Mitsubishi FX3U Ethernet	Yes
Mitsubishi FX3U Serial	Yes
Mitsubishi FX5U Ethernet	Yes
Mitsubishi FX5U Serial	Yes
Mitsubishi iQ-R Ethernet	Yes
Mitsubishi L Ethernet	Yes
Mitsubishi Q Ethernet	Yes
Mitsubishi QJ71E71 Ethernet	Yes
Mitsubishi QxUDH Serial	Yes
Modbus Advance	Yes
Modbus RTU	Yes
Modbus TCP	Yes
Modbus UDP	Yes
MOXA ioLogik Modbus Advance	Yes
MTCconnect General	Yes
ODVA Ethernet/IP Raw	Yes
Omron FINS (CJ/CS/CP) Ethernet	Yes
Omron FINS (CJ/CS/CP) Serial	Yes
Omron HostLink	Yes
Omron NJ / NX Ethernet	Yes
OPCUA Client	Yes
Opto22 Ethernet	Yes
Panasonic FP Ethernet	Yes
Panasonic FP2 Ethernet	Yes
Panasonic FP2 Serial	Yes
Parker Acer9000 Ethernet	Yes
RS232 RAW	Yes
RS485 RAW	Yes
Saia Ethernet	Yes
Schneider MODBUS RTU	Yes
Schneider MODBUS TCP	Yes
Sick Flexi Serial	Yes
Sick Flexi Unsolicited Ethernet	Yes
Siemens Logo Ethernet	Yes
Siemens S5 Serial	Yes
Siemens S7 (all series) Ethernet	Yes

Siemens S7 (all series) Serial-Ethernet Extensions Modules	Yes
Siemens S7 300-400 ISO Ethernet	Yes
Siemens S7 MPI – PC Adapter – Serial	Yes
Siemens S7-200 Ethernet	Yes
Siemens S7-200 Serial	Yes
Siemens Sinumerik CNC Ethernet	Yes
Siemens Sinumerik CNC Serial	Yes
SIXNET EtherTRAK Ethernet	Yes
Toshiba T Series Serial	Yes
Turck BEEP (Modbus Map)	Yes
VIPA 200/300 Ethernet	Yes
Wago Ethernet	Yes
Wago Ethernet Unsolicited	Yes
Yaskawa MP2300Siec Ethernet	Yes
Yokogawa FA-M3 Ethernet	Yes
ABB AC500	Available
Advantech ADAM Series Ethernet	Available
Allen-Bradley DH +	Available
Allen-Bradley DH 485	Available
Allen-Bradley SLC500 Ethernet (Custom Module)	Available
Bacnet MSTP	Available
Bosch Rexroth IndraControl Ethernet	Available
Danfoss ECL Apex20 Ethernet	Available
Danfoss ECL Apex20 Serial	Available
Danfoss Superheat controllers	Available
DIGI Control PLC – Ethernet	Available
DIGI Control PLC – Serial	Available
Echelon (Via LonServer)	Available
Emerson ControlWave Micro – Ethernet	Available
Emerson PLC EC20 Serial	Available
Emerson ROC800 Ethernet	Available
Fatek FB	Available
File Mount / Local Raw Files (CSV / Logs)	Available
Hart-IP Gateway	Available
Hitachi EHV Ethernet	Available
Honeywell UDC Ethernet	Available
IDEC Micro / MicroSmart Serial	Available
IDEC MicroSmart Ethernet	Available
IEC 60870-5-101 Slave	Available
Mazak CNC	Available
Mitsubishi CNC	Available
Modbus 32 Bit	Available

Modbus Plus	Available
Modbus Unsolicited	Available
Okuma CNC	Available
Opto22 SNAP CONT	Available
Opto22 SNAP MMIO	Available
Parker Compax 3	Available
Samsung SPC 10	Available
Schneider M Series Ethernet	Available
Siemens Simatic 565 Ethernet	Available
Siemens TCP Unsolicited	Available
SNMP Monitoring	Available
Yaskawa DX / FX Robotic Controller Ethernet	Available
Yaskawa DX / FX Robotic Controller Serial	Available
Yaskawa Memobus Ethernet	Available
Yaskawa Memobus Serial	Available
Yaskawa MP Series Ethernet	Available
Yaskawa MP Series Serial	Available
Yaskawa MP2300Siec Serial	Available
Yokogawa DX Serial	Early Release
ABB TotalFlow FCU	Early Release
Canbus CanOpen Slave	Early Release
Canbus J1939	Early Release
Codesys V2/V3 Unsolicited	Early Release
Codesys V3 Ethernet	Early Release
DNP 3	Early Release
Hollysys Ethernet	Early Release
Hollysys Serial	Early Release
Honeywell UDC Serial	Early Release
Koyo / AutomationDirect DoMore Ethernet	Early Release
Koyo / AutomationDirect DoMore Serial	Early Release
Lenze Drive Serial	Early Release
LS Glofa Ethernet	Early Release
Modbus Enron	Early Release
Panasonic KWX Serial	Early Release
RS Automation X8 Series Ethernet	Early Release
Schneider Zelio Serial	Early Release
Sick Flexi Ethernet	Early Release
Siemens Simatic 505 Ethernet	Early Release
Siemens Simatic 505 Serial	Early Release
Siemens Simatic 565 Serial	Early Release
VIPA 200/300 MPI – Serial	Early Release
Yokogawa DX Ethernet	Early Release
Yokogawa FA-M3 Serial	Early Release
Yokogawa FA-M3 Ethernet	Yes
Yokogawa FA-M3 Serial	Early Release

### Notes:

A toolkit is available to create additional drivers.

All devices marked Yes are included by default in the General Image. Others are available at an extra charge.

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