TRIDIUM

Powered by niagara FRAMEWORK™

Open and Legacy Integrations

New integrations are constantly being developed with the Niagara Framework. A sample list is provided below.

Manufacturer	Series	Models	Connectivity	Comments
ABB	ACS Series Drive		LonWorks	
ABB	Areadat	ABB Areadat Driver	Serial or Ethernet UDP	Areadat Protocol[6]
Acromag	I/O Modules		LonWorks	
Act	I/O Modules		LonWorks	
AcTech	VFDs		LonWorks	
Action Instruments	I/O Modules		LonWorks	
Acutherm	EF Thermafuser		LonWorks	
Ahlstrom	Lighting Controllers		LonWorks	
Alco	Refrigeration Controllers		LonWorks	
Alerton	Building Automation	Application Controllers	BACnet	MSTP
Alerton	Building Automation	BACtalk System	BACnet	Ethernet, IP
Allen Bradley	Industrial Controllers	PLCs	Modbus TCP	Ethernet,
Allen Bradley	Industrial Controllers	PLCs	ModbusRTU	
Allen Bradley	Industrial Controllers	PLCs	Data HW	via OPC server
Almat	Controller	ASM Series	LonWorks	
American Auto-Matrix	Building Automation	All PUP controllers	RS-485	AAM PUP Protocol
American Auto-Matrix	Building Automation		BACnet	Ethernet, IP, MSTP
Andover Controls	Building Automation	Network Controllers	Ethernet	BACnet
Andover Controls	Building Automation	Application Controllers	RS-485	Bacnet MSTP
Andover Controls	Building Automation	AC-256, AC-8	RS-232	Andover AC-256 Protocol
Andover Controls	Building Automation	Infinity, Continuum	RS-232	Andover Infinity Protocol
Apice	Security Controller		LonWorks	
AR2I	Building Controllers		LonWorks	
Auslon	Building Controllers	PLC, RTC	LonWorks	
Automated Logic	Building Automation	InterOP System	BACnet	Ethernet, IP, MSTP
BAPI	Sensors		LonWorks	
Barrington	Building Automation	Microstar	Legacy	via Configurable Serail Driver
Belimo	Valves & Actuators		LonWorks	
Bircher	PentaLon		LonWorks	
BTR Electronic Systems	Building Controllers	LIE, LIO	LonWorks	
Calon	Building Controllers		LonWorks	
Capelon	Sensors		LonWorks	
Carel	Controllers	C029, C082	LonWorks	
Carrier	Equipment/Controllers	CCN	RS-485	CCN Protocol[5]
Carrier	RTU, Chiller, Gerneric Gateway		LonWorks	
Ceag	Controllers	Z5	LonWorks	
Cetelab	Sensors		LonWorks	
CIAC	Security Controller		LonWorks	
Cimetrics	Building Automation		BACnet	IP, Ethernet, MSTP
Circon	Building Automation	Controllers	LonWorks	
Computec	Building Controllers		LonWorks	
Compwell	Building Controllers		LonWorks	
Comtec	Lighting Controllers	I2R	LonWorks	
Continental Control Systems	WattNode	FT10 Watt Meter	LonWorks	
Control Solutions	Flex 56		LonWorks	
CPC	Refrigeration	Controllers	CPC Protocol[4]	
CPC	Refrigeration	Controllers	LonWorks	
Crestron	Audiou/Video		Modbus	
Cristal	Building Controllers		LonWorks	
CSI-TAC	Building Automation	I/Net 7793	RS-232 Legacy	selected data via Configurable Serial Driver
CSI-TAC	Building Automation		LonWorks	
Cummins	Generator		LonWorks	
Cutler-Hammer	Metering	SV9000, MMI 402	Lonworks	
Cylon	Building Automation	Unitron Controllers	Modbus	
Daikin	HVAC Equipment		BACnet	
Daikin	HVAC Equipment		LonWorks	
DALI	Lighting		LonWorks	via 3rd party gateway
Danfoss/Graham	Drives	VFD	LonWorks	
Data Aire	Computer Room	CRAC and UPS units	RS-485	Data Aire DART Protocol
Data Aire	CRACU		RS-485 Legacy	
Data Industrial	Metering		LonWorks	
DDE	Any	Generic	DDE	Niagara is a DDE Client. JACE-NP, NX only
Delmatic	Lighting Controllers		LonWorks	
Delta	Building Automation	ORCA	BACnet	Ethernet, IP, MSTP
Distech	Building Automation	Application Controllers	LonWorks	
Douglas	Lighting	Lighting Panels	BACnet	
Douglas	Lighting	Lighting Panels	LonWorks	
Dri-Steem	Humidifiers		LonWorks	
Dust Networks	Wireless Devices		XML	Ethernet
Dynalite	Building Controllers		LonWorks	
Eagle Technologies	CMMS	Proteus CMMS Application	Ethernet	HTTP
Eaton/Cutler-Hammer	Metering	IQ210, IQ220, IQ300,	Modbus RTU	With optional Netlink, EMINT, PONI
Eaton/Cutler-Hammer	Metering	Analyzer 6600, Energy Sentry,	Modbus RTU	interfaces
Eaton/Cutler-Hammer	Metering	DP-4000, Energy Sentinel,	Modbus RTU	
Eaton/Cutler-Hammer	Metering	Power Sentinel	Modbus RTU	
Eaton/Cutler-Hammer	Metering	SV9000, MMI 402	Lonworks	
Eaton/Cutler-Hammer	Protection Devices	DT3000, MP3000, FP5000,	Modbus RTU	
Eaton/Cutler-Hammer		MPCV, IQ500, DigiTrip	Modbus RTU	
Ebtron	Airflow Monitoring		LonWorks	
EIB (European Intallation BUS)	Any	Generic	EIB	JACE-4,5 only
Elero	Window Blind Controls	Blind Drives	EIB	
Elka	Building Controllers		LonWorks	
Elm	Refrigeration		LonWorks	
Esmi	Building Automation	InfoLon Fire Alarm	LonWorks	
ESUSA	Nexsys, VAV	Application Controllers	LonWorks	

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Manufacturer	Series	Models	Connectivity	Comments
Eurotherm	Drives		LonWorks	
Exhausto	Exahaust Systems		LonWorks	
FieldServer	Protocol Gateways		LonWorks	
FieldServer	Protocol Gateways		BACnet	IP, Ethernet, MSTP
FieldServer	Protocol Gateways		Modbus	RTU, TCP
Functional Devices	Relays		LonWorks	
General Electric	Drives		LonWorks	
General Electric	Enercept	Modbus CT	Modbus RTU	Same as Square D Enercept
General Electric	EPM	EPM, EPM4300S,	Modbus RTU	Standard on all models
General Electric	EPM	EPM4400S, EPM4900S,	Modbus/TCP	Optional on 5350P, 7500, 7700
General Electric	EPM	EPM5000P, EPM5200P,	Modbus/TCP	or by using Ethernet Gateway
General Electric	EPM	EPM5300P, EPM7300,	Modbus/TCP	
General Electric	EPM	EPM3710, EPM7330,	Modbus/TCP	
General Electric	EPM	EPM3720,EPM7430D,	Modbus/TCP	
General Electric	EPM	EPM7450D, EPM7500,	Modbus/TCP	
General Electric	EPM	EPM9450Q, EPM9650Q,	Modbus/TCP	
General Electric	EPM	EPM7600, EPM7700, PQM	Modbus/TCP	
General Electric	Lighting	TLC Lighting Control	RS-485	TLC Protocol
General Electric	Other	MMII MCC, 369, 269 Plus,	Modbus RTU	Standard on all models
General Electric	PowerLeader	Older family of PowerLeader	Modbus RTU	32 PowerLeader Commnet protocol devices can be connected with optional Modbus concentrator.
General Electric	Relays	UR-F60, UR-F35, UR-L90,	Modbus/TCP	Use Ethernet Gateway
General Electric	Relays	SR-489, SR-469, SR-745	Modbus/TCP	Use Ethernet Gateway
General Electric	SR Protection	SR-760, SR-750, SR-735,	Modbus RTU	Standard on all models
General Electric	Transfer Switches	ZTS, ZTSD, ZTSCT, ZBTS,	Modbus RTU	With optional gateway
General Electric	UR Protection	UR-C60, UR-B30, UR-C30,	Modbus RTU	Standard on all models
General Electric		UR-D60, UR-L60, UR-T60	Modbus/TCP	
General Electric		239, Power Leader MDP	Modbus/TCP	Use Ethernet Gateway
General Electric		devices	Modbus/TCP	
General Electric		ZTBTS, ZBTSD, ZBTSCT, ZTG,	Modbus/TCP	Use Ethernet Gateway
General Electric		ZTGD, ZTSMV, ZTX, MX100,	Modbus/TCP	
General Electric		MX200	Modbus/TCP	
General Electric		MX200	LonWorks	
Gentec	Energy Management		LonWorks	
Gira	Building Controllers		LonWorks	
GMC Instruments	Power & Energy Monitoring		LonWorks	
Graham	VFDs		LonWorks	
Grundfos	Pump Controller		LonWorks	
Hach	Water Quality Monitoring		LonWorks	
Helvar	Lighting		LonWorks	
HiSolutions	Building Controllers		BACnet	
HiSolutions	Building Controllers		DDE	
Honeywell	Building Automation	Excel 10, XL15 Family	LonWorks	
Honeywell	Building Automation	Excel 50, 500,600	LonWorks	
Honeywell	Building Automation	Excel 5000 Family	RS-485	Honeywell C-Bus Protocol'
Honeywell	Drives	CZ Series VFD	LonWorks	
Horton	Lighting		LonWorks	
Hubbell	Lighting	Sensors, Controllers	LonWorks	
Idec	Controllers	FX, PION, SX	LonWorks	
Indala	Card Access		LonWorks	
Ingersoll Rand	Air Compressors	Controllers	Modbus	
Innovatech	Metering	Meters	Legacy	Wireless
Invensys	Building Automation	Network 8000, DMS	RS-232	Network & DMS Protocols'
Invensys	Building Automation	I/A Series	LonWorks	
Invensys	Building Automation	I/A Series	BACnet IP, MSTP	
ITG Worldwide	Building Controllers	LC161	LonWorks	
Izumi	Industrial Controllers	F02 series	LonWorks	
Johnson Controls	Building Automation	Metasys	Ethernet	OPC, Jace-NX or OPC Supervisor only
Johnson Controls	Building Automation	Metasys	Ethernet	BACnet
Johnson Controls	Building Automation	Metasys	DDE	via Metalink. JACE-NP, NX only
Johnson Controls	Building Automation	Metasys	N2	via 3rd party gateway
Johnson Controls	Building Automation	Metasys	N1	via 3rd party gateway
Johnson Controls	Building Automation	Metasys	BACnet	via N30 & NAE
Johnson Controls	Building Automation	Application Controllers	LonWorks	
JRS	Ballasts		LonWorks	
Kamstrup	Metering		LonWorks	
Kele	Fronrier	Wireless	LonWorks	
Kele	Fronrier	Wireless	RS-232	via Configurable Serial Driver
Kele	Power Track	9000 Power Meter	LonWorks	
Keltron	Fire Alarm	Transmitter	Legacy	via DDE
Kielback & Peter	Building Controllers		LonWorks	
KMC	Building Automation		BACnet	Ethernet, IP, MSTP
KMC	Building Automation		DDE	JACE- NX only
Kohler	Generator	Generator Controller	Modbus	
Kongsberg	Building Controllers		LonWorks	
Lakewood	Sensors	X2K	LonWorks	
Leviton	Lighting		LonWorks	
Lexel	Lighting, Temp Controllers		LonWorks	
Liebert	Computer Room	CRAC, UPS units, PDUs	SNMP	
Liebert	Computer Room	CRAC, UPS units, PDUs	Modbus	
Lochinvar	Boilers		LonWorks	
Lonix	Building Automation	Controllers	LonWorks	
Lutron	Lighting	Lighting Panels	BACnet	
Luxonic	Lighting Controllers	Lon Dali Gateway	LonWorks	
Magnetek	Drives	GPD 506 VFD	LonWorks	
Matsushita	Building Automation	Controllers	LonWorks	

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Open and Legacy Integrations

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Manufacturer	Series	Models	Connectivity	Comments
McQuay	Equipment/Controllers	Micro Tech	RS-485	
McQuay	Equipment/Controllers	Micro Tech	BACnet	
McQuay	Unitary	Micro Tech, Micro Tech II	LonWorks	
Metrawatt	Power Meter		Lonworks	
Mitsubishi	Building Automation		LonWorks	
Modbus	Any		Modbus RTU	Master and Slave configurations
Modbus	Any		Modbus TCP	Ethernet
Modicon	Industrial Controllers	PLCs	Modbus TCP	Ethernet
Modicon	Industrial Controllers		Modbus RTU	
Moore Industries	Industrial Controllers	535 Loop Process Controller	Moddbus	RS-485 Serial connection
MSA	Sensors		LonWorks	
MSR	Sensors		LonWorks	
Neural International	Controller		Lonworks	
NeuroLogic Reasearch	Sensors		LonWorks	
Nico	Lighting	Dimmer, Touch Panel, Controller	LonWorks	
Niobrara	Controls	MLWF series	Lonworks	
Nodus	Energy Management	DVM	LonWorks	
Notifier	Fire Alarm		BACnet	
Notifier	Fire Alarm	INA, 1010/2020, AFP 200/300/400/600	Legacy	via 3rd party gateway
Novus Security	Card Access	Card Access & Security	Ethernet	Ethernet Connection to Novus Server
OJ Air	Sensors, Controllers		LonWorks	
Omron	Industrial Controllers	I/O Controller	RS-485	
Onan	Generator	Generator Controller	LonWorks	
Onicon	Metering		LonWorks	
Ontrol	Building Controllers		LonWorks	
OPC	Any	Generic	OPC	Niagara is an OPC Client
Opto 22	Any	Optomux	RS-485	via 3rd party gateway
Orion	Lighting Controllers		LonWorks	
Osmonics	Water Monitoring		LonWorks	
Ouman	Heating Controllers	EH & EHV Series	LonWorks	
PentaControl	Building Controllers	PentaLon	LonWorks	
Phast	Home Automation		Legacy	
Phillips	Lighting	Sensors, Controllers	LonWorks	
Phoenix	Air Flow	Fume Hood, Lab and Air Flow Control	BACnet	Ethernet, IP
Phoenix	Air Flow	Fume Hood, Lab and Air Flow Control	Modbus	
Plexus	Building Automation		LonWorks	
PMAC	Lonbox		LonWorks	
PML	Metering	ION 6xxx, 7xxx, 8xxx series	Modbus RTU	Serial or RS-485
PML	Metering	ION 6xxx, 7xxx, 8xxx series	ION Protocol	
PML	Metering	ION 7300	LonWorks	
PML	Metering	ION 7500, 7600, 8400, 8500	Modbus TCP	
PM-Luft	AHU Systems	Gold Series	LonWorks	
Produal	Building Controllers	LON Series	LonWorks	
Pure Choice	IAQ Sensor		LonWorks	
Raypak	Boilers		LonWorks	
Regin Exomatic	Building Automation	Controllers	LonWorks	
Reliable	Building Automation		BACnet	Ethernet, IP, MSTP
Reliance	Drives	VFD	LonWorks	
Reliance	Drives	VFD	LonWorks	
Retech	Power Track	9000 Power Meter	LonWorks	
Richards Zeta	Building Controllers		LonWorks	
Rockwell	Industrial Controllers		LonWorks	
Samsung	Building & Lighting Controllers		LonWorks	
Sanyo			LonWorks	
Sauter	Building Automation		LonWorks	
SEI	Audio Switching		LonWorks	
SenseAir	Building Controllers		LonWorks	
Siemens	Building Automation	System 600, SCU, MBC	RS-232	System 600 Protocol
Siemens	Building Automation	Apogee	BACnet	Apogee protocol
Siemens	Building Automation	Staefa Smart 2	RS-485	Staefa Smart 2 Protocol[2]
Siemens	Building Automation	Staefa Talon	LonWorks	
Simplex	Fire Alarm	4100	Legacy	via 3rd party gateway
Simplex	Fire Alarm		BACnet	
Smart Controls	Building Automation	Controllers	LonWorks	
SNMP	Any	Generic	SNMP	Ethernet
Solidyne	Building Automation	IZAC, VAV Controllers	RS-232	via Solidyne Network Adapter
Somfy	Window Blind Controls		LonWorks	
Sontay	Building Controllers		LonWorks	
Spega	Home Automation		Lonworks	
Square D	Up to 64 devices can be connected to EGX gateway using Modbus, Jbus or PowerLogic Protoco			
Square D	CM2000	CM2150, CM2250	Modbus/TCP	Using Square D EGX gateway[1]
Square D	CM2000	CM2350, CM2450	Modbus/TCP	
Square D	CM4000	CM4000, CM4000T	Modbus/TCP	Optional Plug-in card
Square D	Controller	Interface	Modbus/TCP	Using Square D EGX gateway[1]
Square D	Digital Transformer	Model 98 Transformer	Modbus RTU	Optional
Square D	Enercept	B01-2, B03-2, B04-3	Modbus RTU	Optional
Square D	Enercept	B08-3, B08-4, B016-4	Modbus/TCP	Using Square D EGX gateway[1]
Square D	Enercept	B024-4, E01-2, E03-2	Modbus/TCP	
Square D	Enercept	E04-2, E08-3, E08-4	Modbus/TCP	
Square D	Enercept	E18-4, E24-4	Modbus/TCP	
Square D	Energy Meter	EMB1000, EMB2000	Modbus RTU	Optional
Square D	Energy Meter	EMB3000	Modbus/TCP	Using Square D EGX gateway[1]
Square D	MicroLogic	MicroLogic Trip Unit	Modbus RTU	Optional
Square D	MicroLogic		Modbus/TCP	Using Square D EGX gateway[1]
Square D	MicroLogic	MicroLogic Interface	Modbus/TCP	Connect up to 8 breakers

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Manufacturer	Series	Models	Connectivity	Comments
Square D	MicroLogic		Modbus RTU	Optional
Square D	MicroLogic		Modbus/TCP	Using Square D EGX gateway[1]
Square D	PM600	PM600, PM620	Modbus RTU	Optional
Square D	PM600	PM650	Modbus/TCP	Using Square D EGX gateway[1]
Square D	PowerLink	Lighting Panels	LonWorks	
Square D	Sepam	Sepam 1000+ Digital Relay	Modbus RTU	Optional
Square D	Sepam		Modbus/TCP	Using Square D EGX gateway[1]
Staefa	Building Automation	Staefa Talon	LonWorks	
Stanilite	Lighting Control		LonWorks	
SVEA	Building Automation		LonWorks	
Sysmik	Building Automation		LonWorks	
T.A.C.	Building Automation	I/Net 7793	RS-485 Legacy	via 3rd party gateway
T.A.C.	Building Automation	Controllers	LonWorks	
T.A.C. - CSI	Building Automation	I/Net 7793	RS-232 Legacy	selected data via Configurable Serial Driver
TCS Baysys	Controller	1021SZ, 1041SZ	RS-485	TCS protocol
Tek Air	Air Flow	Lab and Air Flow Control	Modbus	
Telda	Building Controllers	NT30	LonWorks	
Teletrol	Building Automation		BACnet	Ethernet, IP, MSTP
Teletrol	Building Automation		OPC	
Thermokon	Sensors		LonWorks	
Toko Electric	Electrical equipment		LonWorks	
Toshiba	Energy Management		LonWorks	
Trane	Building Automation	Summit System	Ethernet	BACnet
Trane	Building Automation	Controllers	LonWorks	
Trane	Building Automation	Tracer 100	OPC	via 3rd party OPC & Bacnet Servers
Trane	Building Automation	Tracer 100	Legacy	selected data via Configurable Serial Driver
Trend	Building Automation	Trend IQ Controllers	Legacy RS-232	
Trend	Building Controllers		LonWorks	
Triatek	Airflow & Lighting Controllers		LonWorks	
Tridonic	Lighting Controls		LonWorks	
Trox	Air Flow Controls		LonWorks	
Unitro	I/O Modules	LM Series	LonWorks	
VaCom	Refrigeration & Building Controllers		LonWorks	
Vacon	VFDs		LonWorks	
Vaisala	Sensors		Lonworks	
Veeder- Root	Fuel Management		Legacy	
Veris	Meters		Lonworks	
Viconics	Building Controllers		LonWorks	
Viconics	Building Controllers		BACnet MSTP	
Viessman	Dekamatik		LonWorks	
Wago	PLCs, I/O		Lonworks	
Wago	PLCs, I/O		Modbus RTU, TCP	
Watanabe	Metering		Lonworks	
Wattmaster SAT 2	Building Automation	WCC 2 Gateway	RS-232	
WattStopper	Interoperable Switch	HIWS-4 LonMark Switvh	LonWorks	
WattStopper	Lighting Control Panel	Complete Control	RS-232	Use HLINKCC network interface
WattStopper	Lighting Control Panel	Lighting Integrator, Level 300	RS-232	Use HLINKCC network interface
WattStopper	Lighting Control Panel	SmartWired Switching System	LonWorks	
WattStopper	Lighting Control Panel	Lighting Integrator, Level 200	LonWorks	
WattStopper	Lighting Control System	Complete Control	BACnet	Use CC-BACsoft gateway
WattStopper	Lighting Control System	Lighting Integrator, Level 301	BACnet	Use CC-BACsoft gateway
Wilo	Pump Controller		Lonworks	
Yamatake	Building Automation		LonWorks	
Yaskawa	Drives		LonWorks	
York	Equipment/Controllers		BACnet	Ethernet, IP, MSTP
York	Equipment/Controllers		Modbus	
York	Equipment/Controllers		LonWorks	
Zytron	Fire and Emergency Controls		LonWorks	

Notes:
Some drivers may only be installed on specific JACE platforms. Contact Tridium for details.
[1]Drivers available from Invensys offices
[2]Drivers available from Staefa offices
[3]Drivers available from Honeywell offices
[4]Drivers available from CPC offices
[5]Drivers available from Carrier offices
[6]Drivers available from ABB offices