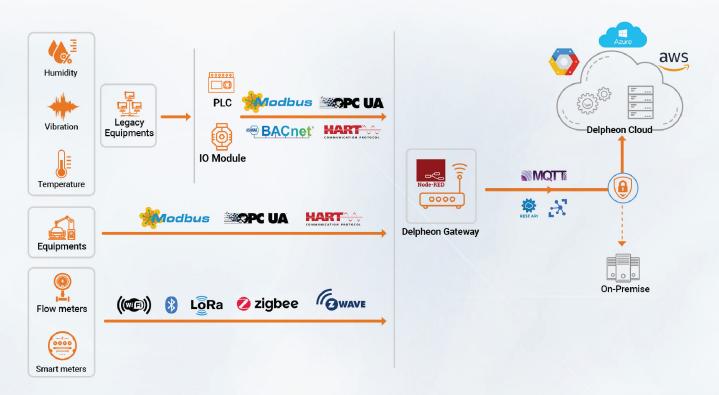# Delpheon-Gateway solves one of the most critical challenges of Industrial IoT - data collection and control from heterogeneous machines in the factory floor

Simply Connect, Collect, Harmonize, and Integrate to Cloud

Delpheon-Gateway works with different use cases and is focused on device management with features like configuration & provisioning, remote management, OTA updates, security, alerts, and incident management.

FEATURES & BENEFITS

DELPHEON-GATEWAY
Brings the most comprehensive Industrial data collection capability that seamlessly connect Industrial devices and derive value through harmonization and integration of data at the Edge and the Server

THE INDUSTRIAL DATA COLLECTION
The Industrial data collection is made easy and secure by isolating source network from consumption network

EASY TO CONFIGURE
In just a few clicks, can connect to any data source (Industrial assets) such as PLCs, IO Modules, Robotic Controllers, Equipments, and Sensors

NODE RED INTERFACE
Node RED Interface for device provisioning & configuration

INTEGRATED WITH MULITPLE CLOUD PLATFORM
Can be Integrated with any cloud platform or on-premise server

STORE AND FORWARD
Store and forward to handle unreliable connectivity with cloud

Remote Production Monitoring

Energy Monitoring

Remote Infrastructure Monitoring

Environmental Monitoring

Inventory & Asset Tracking

Predictive Maintenance

Digitization of Operations

BENEFITS

+ Start the Industry 4.0 journey with minimal investment
+ Additional value realized from legacy equipments
+ Handles data collection at different scales
+ Cost effective integrated solution, runs on off-the-shelf hardware
+ Enables data-driven decision-making
+ Improve machine uptime, performance, and operational productivity
+ Prevent loss and increase reliability of data
+ Integrate connectivity without disruption

DelphEon- Gateway™

Industrial IoT made simple   DelphEon-Gateway™

HARDWARE SPECIFICATION FOR DELPHEON-GATEWAY		
	OPTION 1	**OPTION 2**
Data Points	Upto24K Data Points	Upto 1024 Data Points
Downlink	Ethernet x2	Ethemet x 2
	Serial (Isolated)	Serial RS2323 (Isolated)
	Serial RS485 Full Duplex (Isolated)	Serial RS485 Full Dup. (Isolated)
	WiFV BLE - Optional	WiFi/ BLE - Optional
	LORA/ZigBee/Zwave	LORA/ ZigBee/ Zwave - Option
Uplink	Ethernet. x 2	Ethemet x 2
	WiFi - optional	WiFi - optional
	Cellular - optional	Cellular - optional
Expansion	miniPae slots - 2 (1 Hat1,1 Full)	miniPae slots - 2 (1 Hat1,1 Full)
Flash	eMMC - 16 GB	eMMC - 16GB
RAM	2GB	2GB
CPU	Quad core 1.6 GHz 64bit	Dual Core a 1GHz 64bit
Power	Normal DC adapter, PoE +	Normal DC adapter, PoE +
Mechanical	DI NRAI L mountable + I P40	DINRAJL mountable + IP40
Enviromental	0°C to 70°C	0°C to 70°C
Certification	FCC, UL, CE, ROHS3	FCC, UL, CE, ROHS3

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