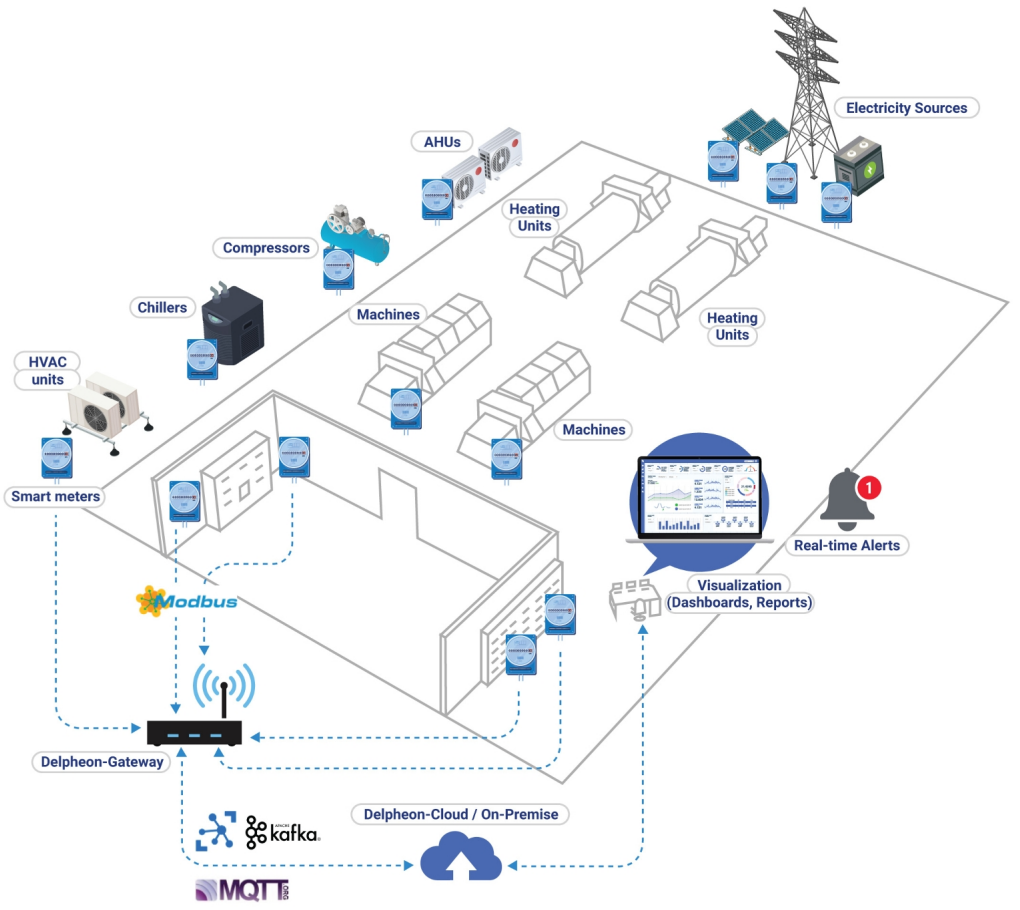
DelphEon
Accelerating IIoT

Delpheon LiTE

Revolutionize your operations with Industrial IoT

Integrate disparate data from machines and manufacturing systems such as MES, ERP, Laboratory, & quality systems. Effortlessly create and publish dashboards. Receive automated alerts.





3 In 1 SOLUTION

IOT GATEWAY

The IoT Gateway software is a mini-SCADA which collects OT data (PLC, meter, sensor) automatically.

DATA HISTORIAN

Warehousing data from multiple sources like OT, MES, ERP, lab, & quality systems.

DASHBOARD CREATOR

Intuitive analytics tool to design, visualize, and publish data insights with the team or in public.

Delpheon-LiTE: A 3-in-1 breakthrough for seamless data collection, data warehousing and dynamic dashboards. This intuitive tool converts sensor/PLC data and the related contextual data into actionable insights, no coding required. Like Data BI, it's scalable, enabling collaborative decision-making in a cost-effective manner. Seize control of data analytics with LiTE's user-friendly interface and robust functionality.

All Your Data In One View: Features Of Delpheon Lite

- Sensor/Meter Provisioning
- Code-Free Visualization Builder
- Real-Time Insights
- Alerts & Notifications
- Access Control
- Multiple Data Sources
- SQL IDE With Metadata Browser
- Predictive Analytics
- Highly Secure
- Unlimited Publishing

Technical Specifications

IoT Gateway	Protocols	Modbus, OPC-UA
	Data Acquisition	PLCs, sensors, meters Configurable polling intervals
	Security	Secure Socket Layer (SSL) Role-based access control
	Data Processing	Edge computing for real-time analysis On-device preprocessing for filtering, aggregation
	Connectivity	MQTT support for lightweight, reliable messaging RESTful APIs for easy cloud integration Kafka MSSQL & PostgreSQL
	Remote Management	Over-the-air (OTA) firmware updates Remote configuration via web interface
Data Historian/Warehouse	Integration of Data	Automated data collection & Manual entry forms Integration with SQL databases, Excel files, API's
	Security	SSL for secure communication Compliance with data protection standard
Visualization/Dashboarding Tool	Dashboard Creation	Intuitive interface with drag-and-drop Customization of layout, design options SQL editor for data manipulation
	Customization and Theming	Light/dark themes, custom logo, branding
	Real-time Updates	Configurable intervals for data refresh
	Access	Multi-level access: Administrator, Operator, Viewer Secure login Audit trail for user activity logging
	Alarm Handling	Configurable thresholds Email/SMS/Call alerts Scheduled Reports
Deployment	Installer package	Easy installation with minimal dependencies
System Requirements	Processor	Quad-core 2.5 GHz or higher
	RAM	16 GB or higher
	Storage	50 GB available disk space
	Operating System	Linux
	Web Browsers	Google Chrome, Mozilla Firefox, Microsoft Edge

Delpehon LiTE's Dynamic Use cases

1

Energy Accounting / Open Access

A comprehensive energy management dashboard with real-time data integration from diverse sources, consumption accounting, and Open Access transactions, notably DAM and GDAM. Apply predictive analytics for demand forecasting and load planning, informed energy decisions for efficiency and savings.

2

Sustainability / ESG

Introduce gamification to sustainability efforts with IoT-driven data collection, dashboarding, and reporting. Monitor and analyze key metrics (energy, water, fuel consumption) to minimize carbon footprint. Utilize intuitive dashboards for ESG compliance, aligning with environmental responsibility and corporate sustainability goals.

3

Quality 4.0

Empower your quality department with IoT-driven automation in test setups. Enhance data collection efficiency with user-friendly systems for precise quality metrics. Seamlessly create historians and reports to streamline documentation needs. Embrace a solution for optimized quality management and performance standards.

4

Industry 4.0 With Delpehon LiTE's

Optimize data collection with IoT, leveraging SCADA-type systems for production monitoring, OEE, MTBF, MTTF, consumption, and plan vs actuals. Implement drag-and-drop dashboards for visualizing insights, simplifying comprehensive report creation for informed decision-making, including trends and predictions.

> INTUITIVE.
> **POWERFUL.**
> CONNECTED.



GadgEon
Engineering Smartness

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