# FREEWAVE

## FreeWave Edge

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# FreeWave Edge is an innovative data platform that's perfect for Solutions Providers, Developers, and Industrial Site Managers.

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- Extract real-time data from your sensors and devices.
- Configure custom alerts and data processing for your operations.

## What this means for you:

## Systems Integrators & Solution Providers:

With FreeWave Edge, you can quickly increase network efficiency and configure data processing for your customers, all with a simple web interface on your edge device.

## **Developers and OEMs:**

Instead of managing industrial protocols and edge processing, you can focus on developing data inputs and enterprise applications by building edge processing atop the FreeWave platform.

## Industrial Site Managers:

Make better decisions and always understand how your industrial operations perform with usercustomized monitoring, email alerts, and reporting to your existing enterprise tools with MQTT.



FreeWave Edge connects to your preferred

Get alerts and reports via MQTT and email.

reporting system or cloud.



5395 Pearl Parkway Boulder, CO 80301 TF: 1.866.923.6168 Tel: 303.381.9200

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# Do more with your data using the all-new FreeWave Edge data platform.

The FreeWave Edge platform helps you extract real-time data from your sensors and devices. It also allows you to configure custom alerts and data processing for your operations and connect them to your preferred reporting system or cloud. Also, FreeWave Edge gives you alerts and reports via MQTT and email.

## FreeWave Edge provides:



Data inputs from standard industrial protocols, ZumEdge inputs, and the ability to bring your sensors and data formats



Data processing and configurable alerts and reporting via email

## FreeWave Edge Key Features:

- Configuration REST API for:
  - Modbus
  - IOEX Inputs
  - Alerts
  - MQTT & Email
- Straightforward Web UI for configuration
- Configurable IO and Modbus register input



The ability to publish data to the enterprise tool of your choice via MQTT



Sensors Push API - Push your data through the platform for processing

- Configurable alerts
- Configurable MQTT Sparkplug B data publishing for connecting to any MQTT Broker
- Configure your data inputs and alerts for what works best for your operation
- Configure FreeWave Edge to connect to the cloud or your preferred email system

## Quickly gain a new competitive edge.

FreeWave delivers advanced wireless and edge computing capabilities in a small, lightweight package making it easy for end-users, Systems Integrators, and OEMs to transform their products into IIoT-enabled solutions rapidly.

## Are you ready to get started? Visit freewave.com today.

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## FREEWAVË

## For Developers and OEMs:

### Sensors Push REST API:

Push your data through FreeWave Edge for processing with your program running on the same device

### **Configuration REST API:**

Build a branded experience and user interface with data inputs, processing, and reporting from FreeWave Edge.

#### **API Enabled Industrial IO:**

Build your own app to use and control any remote IO using APIs available out of the box on ZumEdge



## For Industrial Site Managers and Systems Integrators:

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Straightforward Web User Interface:

Easily set up data inputs, processing, and reporting in one easy-to-use interface.

#### Configurable IO and Modbus register input:

Connect to industrial controllers and devices with standard protocols or sensors via analog and digital IO. And enjoy configurable MQTT Sparkplug B data publishing for connections to any MQTT broker and enterprise data system.

### Configure data inputs and alerts:

Choose the data, thresholds, and changes essential for your industrial operation. And configure FreeWave Edge to send email alerts and reports with your SMTP servers to integrate with your existing network email.



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