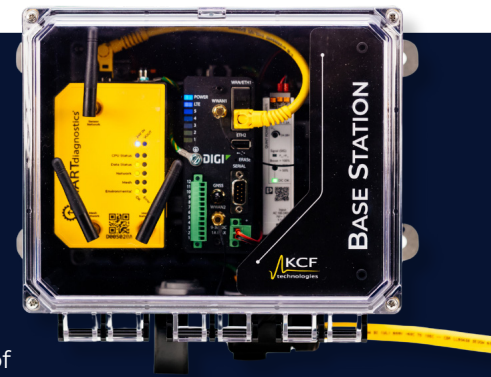## Hardware at-a-Glance:

Haz Loc Base Station

The Haz Loc Base Station is a wireless gateway system designed to allow communication to wireless sensors in a hazardous environment. It is an assembly consisting of KCF Technologies' hazardous location wireless gateway, an AC/DC power supply, and an industrial cellular modem.
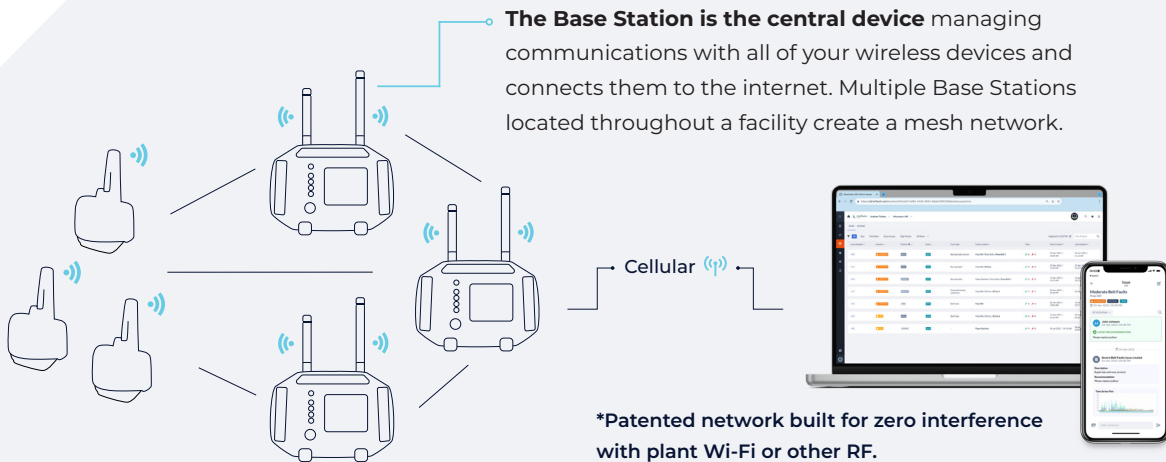
The KCF Hardware Advantage:

DART Wireless

DART Wireless is KCF's communication protocol used for sending data through our mesh network of sensors and Base Stations. Sensors do not need to be paired to a specific Base Station. Instead, they can hop from one Base Station to another—utilizing the strongest signal pathway, ensuring a reliable stream of continuous data without any user input. This makes the system a very modular and scalable solution for facilities of all sizes.
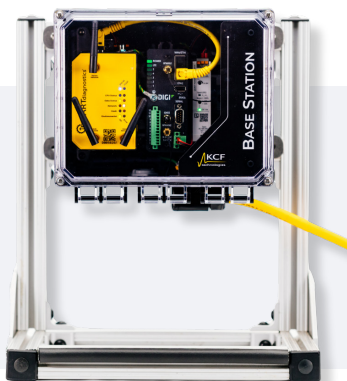
How It Works:

The Base Station is the central device managing communications with all of your wireless devices and connects them to the internet. Multiple Base Stations located throughout a facility create a mesh network.

Cellular

*Patented network built for zero interference with plant Wi-Fi or other RF.

Installation:

Our Base Stations Need Just Two Things for Use:

Base Stations only need a power outlet, and an internet connection. The internet connection is achieved through the Base Station's built-in cellular modem.

Environmental Specifications

Operating & Storage Temperature:
-20°C to 40°C (-4°F to 104°F)

General Environment:
For Indoor and Outdoor Use

Hazardous Locations:
Class 1, Division 2, Groups B, C, D, T4 Temperature Classification
Class II, Division 2, Groups F, G T135°C