

Hardware at-a-Glance:

# Base Station

The Base Station is the nerve center of any SMARTdiagnostics® Machine Health Platform installation, allowing effective predictive maintenance for your industrial equipment.

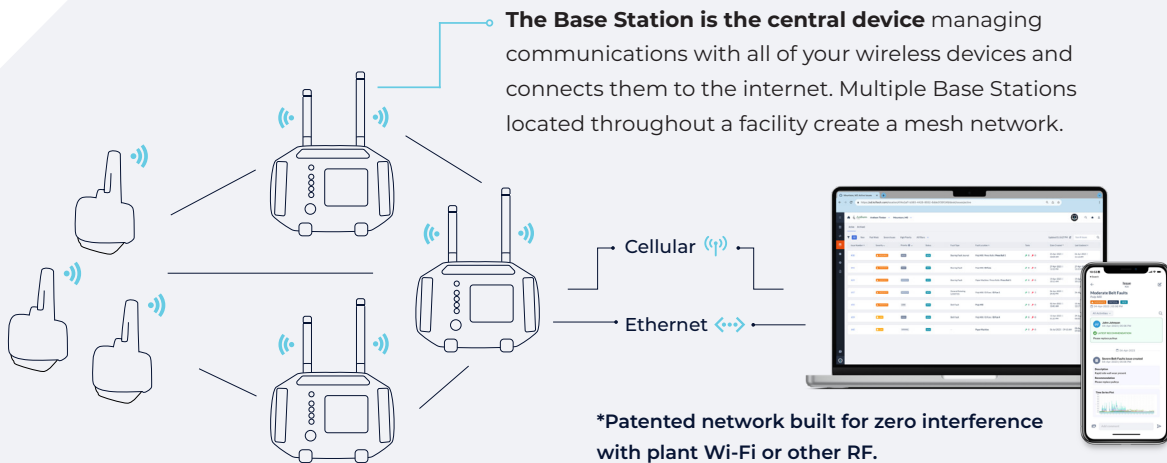
The KCF Hardware Advantage:

## 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:



\*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. This connection can be through your plant's Ethernet, or the Base Station's built-in cellular modem.

**Base Stations are mounted using KCF's universal mount.**

This allows for mounting to poles, railings, walls, shelves, and more—usually without the use of tools. It's best to mount the Base Station up high, both to get a good line of sight above most of the shop floor equipment, but also to keep them out of reach.