

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.

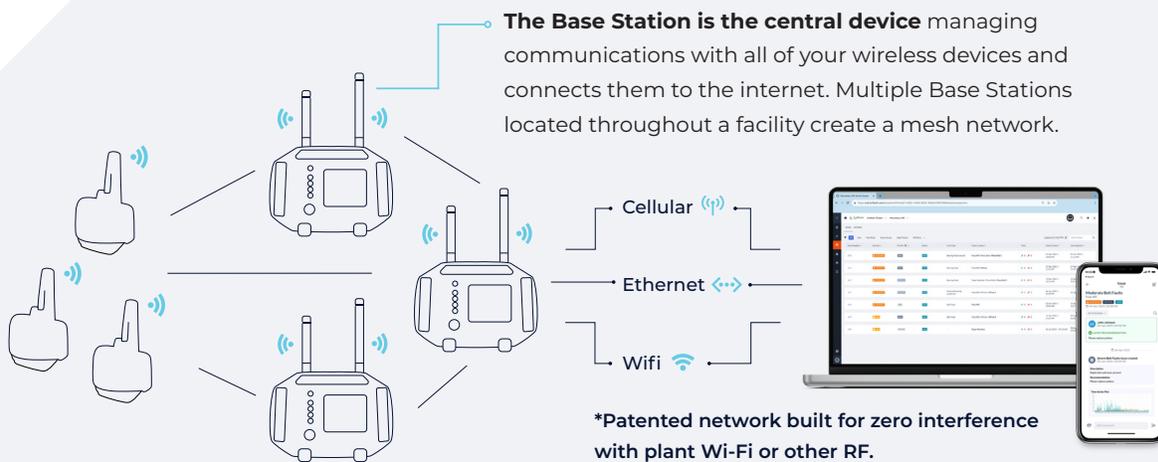
The KCF Hardware Advantage:

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:



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.