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SMARTdiagnostics

THE NEXT GENERATION IS HERE.

BASE STATION V4

FEATURES

- **REDUCE INSTALL COSTS BY AS MUCH AS 80%**
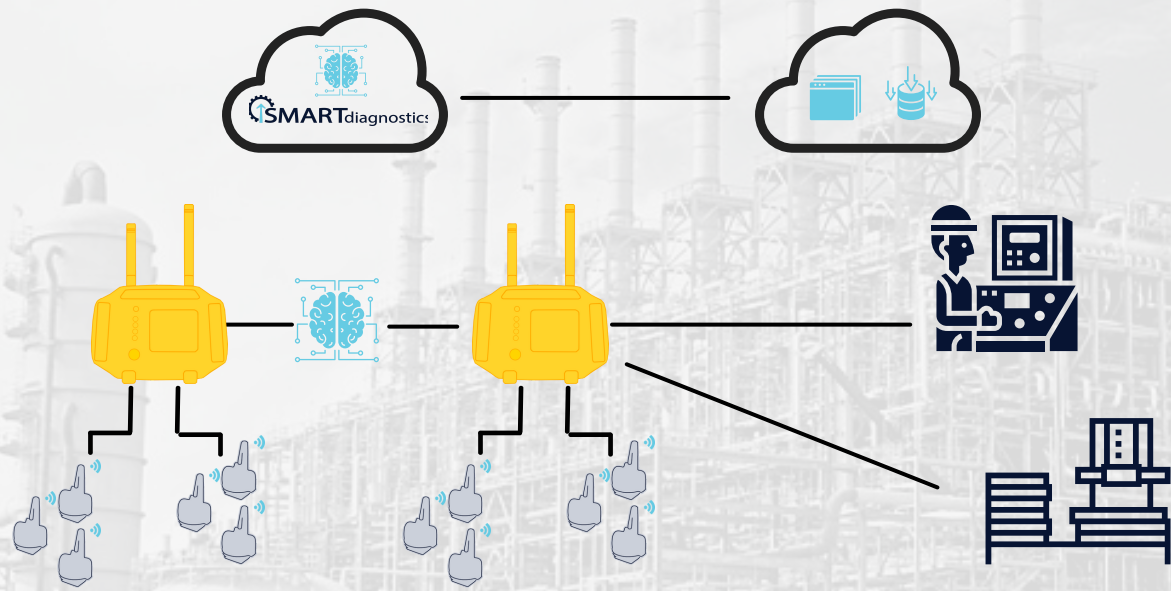
- **PERFECT FOR REMOTE AREAS**

- **BUILT FOR HARSH ENVIRONMENTS**

- **UNPARALLELLED DATA RELIABILITY**

The Base Station V4 provides a simple, plug-and-play receiver location with minimal configuration or setup necessary, and its ruggedized construction makes it appropriate for all industries.

Mesh technology enables reliable data transmission to even the most remote areas of your plant.

Reduce Recurring Costs.

By choosing ethernet, no longer pay recurring cellular costs by the tens of thousands.

Simplest Install Ever

No ethernet port? No problem. Mesh wireless means only one port is needed for every five BSv4.

No data left behind

Connection Lost? No worries! With ample internal storage, BSv4 can store close to a full year of data
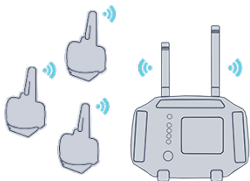
COMING SOON - EDGE COMPUTING.

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SMARTdiagnostics®
BASE STATION V4
(SD-BSN-4)

The Base Station V4 is the nerve center of any industrial SMARTdiagnostics® installation, allowing effective predictive maintenance for industrial equipment. BSv4 provides a simple, plug-and-play receiver location with minimal configuration or setup necessary, and its ruggedized construction makes it appropriate for all industries.

- Relays data from sensor nodes to the SMARTdiagnostics® analysis software
- Integrated Collection Server and Primary Receiver Node
- Edge computing will be enabled by firmware update

REMOTE ACCESS

Base Station V4 enables the user to place wireless sensors in remote locations, providing communication to the cloud. A single BSv4 can interface with sensor nodes & other BSv4 to gather data from various locations in a plant. BSv4 can operate unattended and be managed remotely.

RELIABLE DATA

The SMARTdiagnostics® Base Station V4 is a ruggedized industrial computer used to manage and organize data collected from sensor nodes, providing guaranteed sensor information delivery even when communications with SMARTdiagnostics® is unavailable. Additionally, BSv4 preprocesses sensor data before conveying it to SMARTdiagnostics® in the cloud.

COST EFFECTIVE

The Base Station V4 relays data to SMARTdiagnostics® in the cloud through a network connection. This is accomplished via:
- Ethernet (IEEE 802.3)
- Mesh Network (IEEE 802.11)
- Cellular Data Network
Each option has its own benefits depending on the setup of the plant.

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