

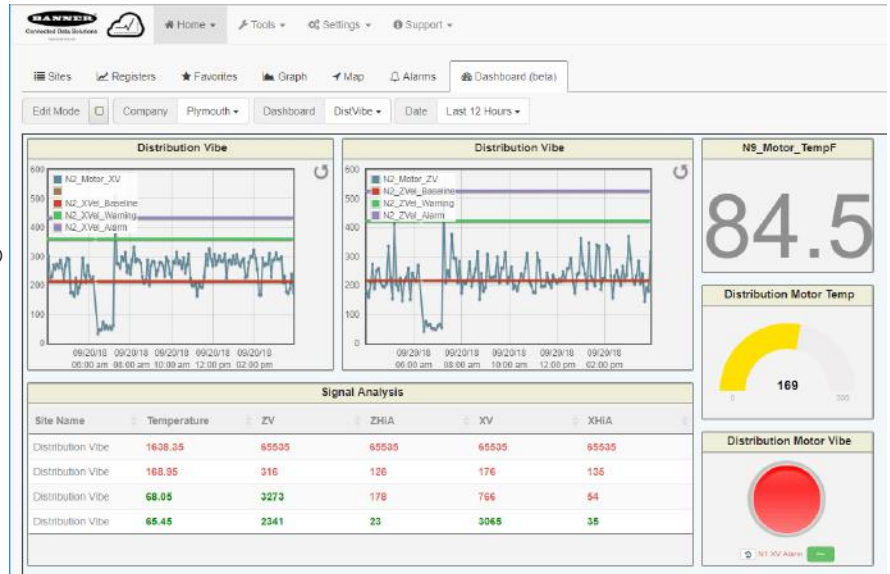


Challenge

Because of the increased productivity that condition monitoring, preventative maintenance, and OEE can offer factories, these applications are materializing across the globe. Customers need a simple way to make better, data-driven decisions. However, implementing an end-to-end solution can be complicated. Blending the optimal combination of sensors, gateways, connectivity, and software requires a lot of work with specialized skills.....until now.

Banner Wireless Value

- **Simplicity**—All the critical components of a monitoring solution are provided by Banner and work seamlessly together. This means a customer can work in a codeless environment and use one of many Wireless Solution Guides to quickly set up a complete monitoring solution.
- **Immediate Value**—Banner Connected Data Solutions (CDS) can be immediately deployed and requires no large upfront NRE for installation. Solution Guides for OEE and Remote Condition Monitoring are available that can have you solving critical customer issues in days....not weeks or months.
- **Events and Alerts**—Banner CDS allows users to set condition-based alerts from the cloud using multiple metrics of severity and time. These can provide remote users with emails or SMS based on parameters set in the cloud.
- **Big Data**—In addition to the immediate value that Banner Web Services can bring, there is significant value in analyzing large amounts of stored data for insights. Banner CDS can store and offload your machine data according to your specific requirements.
- **End to End Solution**—There is a significant amount of complexity in bringing together sensors and gateways and cloud software. The average customer does not have the skilled resources on staff to pull all the pieces together. Banner CDS can offer end-to-end solutions that take the worry out of implementing complex IIoT.



Key Applications

- Vibration Monitoring
- Tank Level Monitoring
- OEE Applications
- Environmental Monitoring
- Parts Counting
- Asset Tracking
- Monitoring as a Service

Banner Webservices Cloud Software

- Customizable and codeless dashboards that are easy to configure
- Condition-based alerts and notifications by email and SMS
- Device Location Mapping with Health Status
- Long-term data storage and offloading of data
- Customized logos and sub-companies for reselling services
- Business management tools for sub-companies
- Fleet management tools with remote firmware upgrade capabilities

Part Number	Plan Level	Plan Description
806252	Starter	1000 Data Points Per Hour and 2 Million Data Points Total Storage
806253	Standard	4000 Data Points Per Hour and 20 Million Data Points Total Storage
806254	Premium	12,000 Data Points Per Hour and 100 Million Data Points Total Storage