



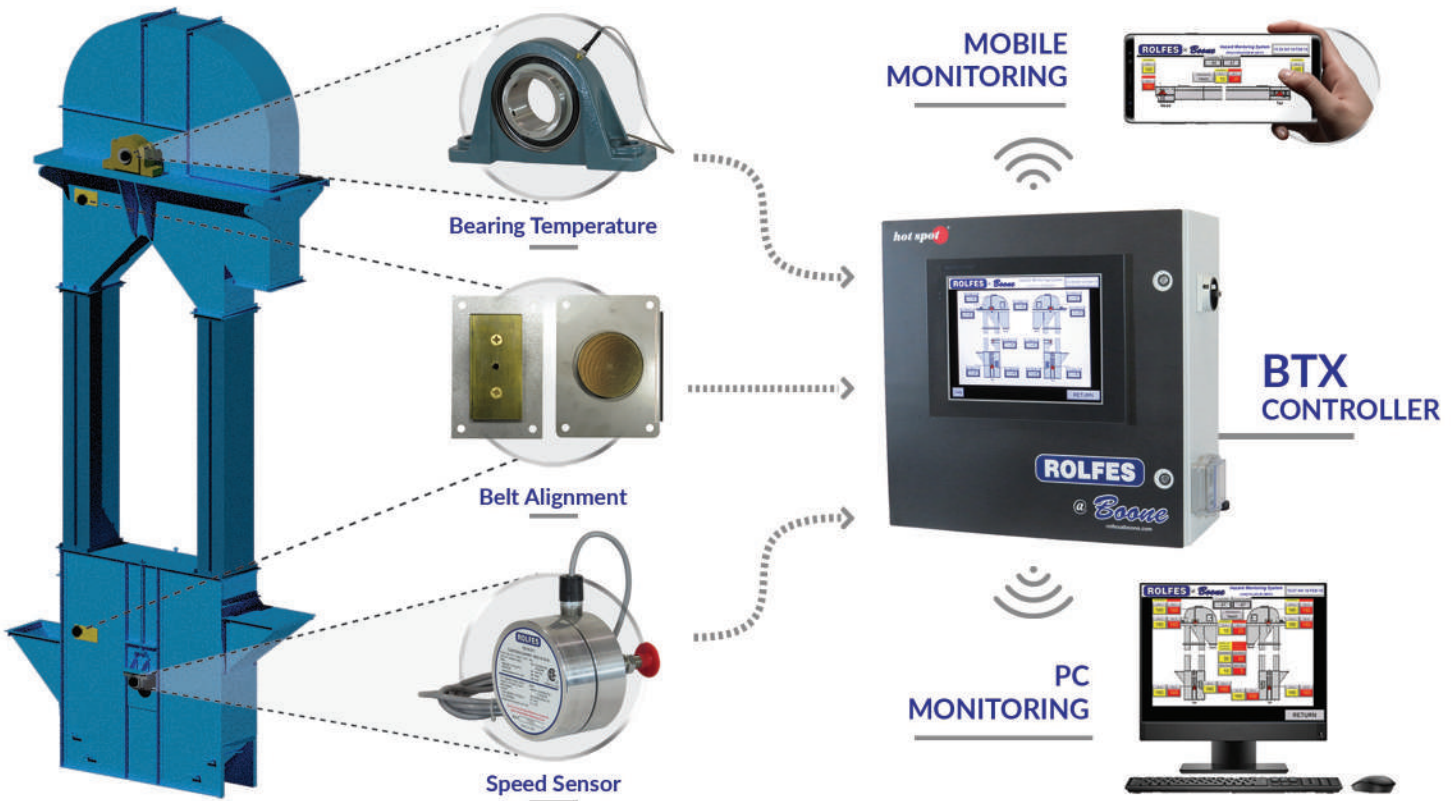
# BTX SMART MONITOR

Next Generation Hazard Monitoring With Smart Technology

## COMPREHENSIVE, CONTINUOUS MONITORING OF BEARING TEMPERATURE, BELT ALIGNMENT, SHAFT SPEED AND MOTOR AMP DRAW

The **BTX Smart Monitor** combines Rolfes@Boone's decades of hazard monitoring experience along with the latest technology and a versatile, scalable and reliable commercial platform.

Featuring an intuitive touch screen graphic display backed by robust PLC technology and functionality, the **BTX Smart Monitor** will empower your grain or feed facility to stay one step ahead of equipment hazards.



[rolfesatboone.com/btx-smart-monitor.htm](http://rolfesatboone.com/btx-smart-monitor.htm)

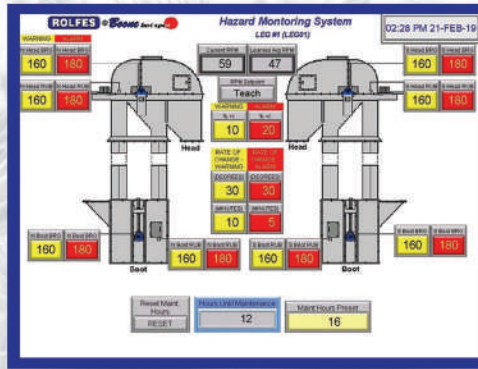
**ROLFES** @ Boone

• 1773 219th Lane  
Boone, IA 50036

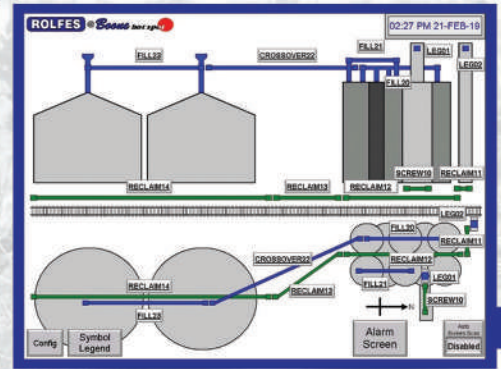
• (800) 265 - 2010  
• [info@rolfesatboone.com](mailto:info@rolfesatboone.com)



## TEMPERATURE READINGS & ALARMS



## FACILITY/EQUIPMENT OVERVIEW



# BTX SMART MONITOR

Next Generation Hazard Monitoring With Smart Technology

### Versatility:

Designed to solve problems. The BTX Smart Monitor's modular design and flexible format allow it to meet even the toughest site requirements. The ability to combine both wired and wireless communications in different portions of the same system overcomes challenges that stop other systems dead in their tracks.

### Scalability:

Modular "Digital Bus" design allows the system to be scaled to fit most any site application. This flexibility also allows the system to be easily expanded and/or upgraded on demand.

### Simplicity:

Employs "Digital Composite Technology" that allows for low cost of initial installation and creates a very reliable and durable system that is easy to maintain.

### Reliability:

Proven technology. The simple design of the system allows for effective isolation, fast diagnostics testing and easy servicing.

### Instinctive:

Built with familiar PLC technology interfaced with an interactive HMI touch screen display. The intuitive software is customized to your facility. The display graphics provide the operator with vital information quickly and efficiently.

## QUICK FEATURES

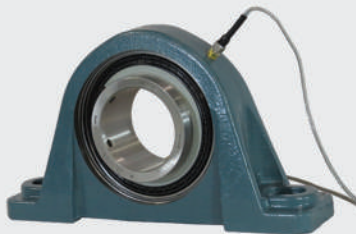
- ✓ Wired or wireless capabilities
- ✓ Nearly unlimited # of sensing points
- ✓ Easily scalable and expandable
- ✓ Easily adaptable to other PLC platforms
- ✓ Intuitive HMI touch screen w/graphic display
- ✓ PLC can be used with your systems network
- ✓ Mobile visual monitoring & alarm text notifications
- ✓ Time-stamped event log and resolution
- ✓ History log of alarms
- ✓ Continuous diagnostic health check
- ✓ Run-time sensor tracking for maintenance support
- ✓ Remote access for troubleshooting
- ✓ Programmable maintenance alerts
- ✓ Visual and audible alarms

## ROLFES@BOONE HAZMON SENSORS

### BELT ALIGNMENT



### BEARING TEMPERATURE



### SHAFT SPEED



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