



# WATCHDOGG™

Cloud Based Monitoring System

by

**SBS CORPORATION**





## Cloud Based Monitoring System **SBS WATCHDOGG™**

From anywhere in the world, the WatchDogg™ allows you to analyze your past and predict your future.

The need for *remote* monitoring started with the concern of water mixing with hot oil. This mixture can lead to fires in a heat treat quench tank and ultimately burn a facility to the ground. There are ways to locally monitor the relative humidity of water in oil, but a strobe and horn can be missed if you are not in the vicinity.

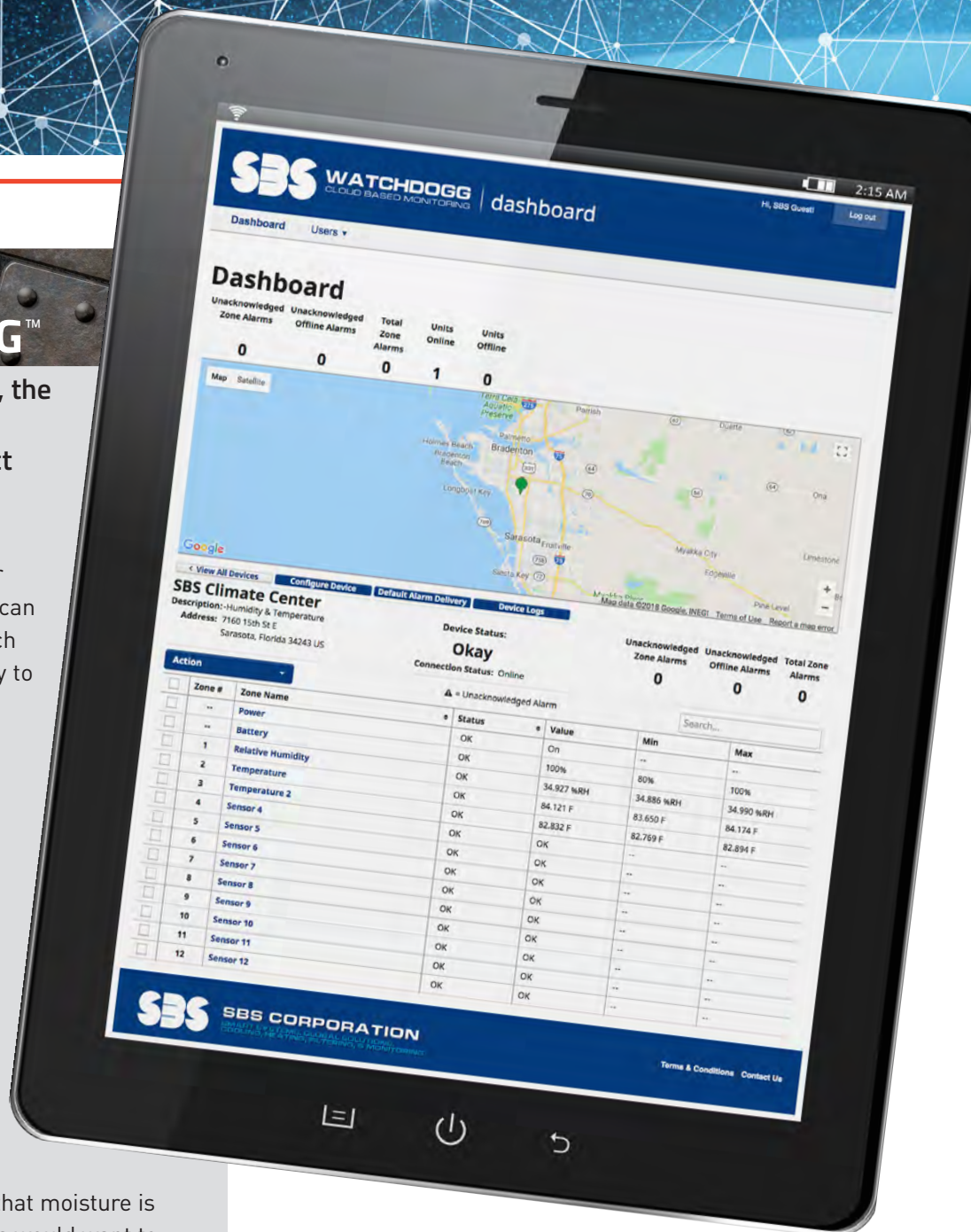
We thought, “wouldn’t it be nice if you could get a text instead?” In our search for what exists, none of the available options seemed suitable for starting IIoT (the Industrial Internet of Things) in the heat treat industry.

We needed to develop our own system. Along the way, we found that moisture is not the only sensor our customers would want to use. Our new goal was to make a system that monitors many sensors, logs data from those sensors, and alarms to our customer’s phones.

Coinciding with the SBS way, we needed a system that is dependable, affordable, and easy to use. **We call it the WatchDogg.**



**PROUDLY MANUFACTURED  
IN THE USA SINCE 1974**



▲ **DASHBOARD** - This is your home screen where you can view the current status of all your sensors, acknowledge alarms, reset your minimum and maximum values and view other locations you are connected to.



### **Remotely Monitor**

- Monitor (12) Sensors per Panel
- Onboard 12 & 24 VDC Power Supply
- NEMA 12 Enclosure

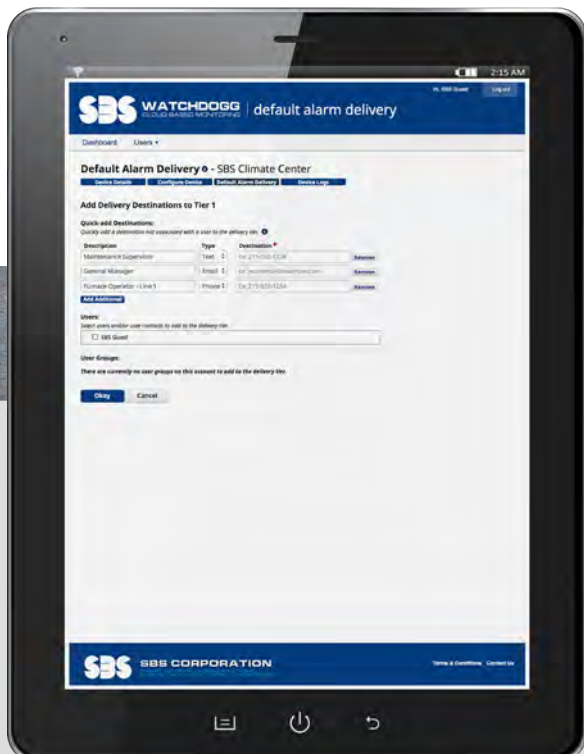
WatchDogg helps improve the performance of your processes by remotely monitoring a variety of sensors, such as: pressure, temperature, vibration, flow, relative humidity, and more, while simultaneously graphing all past data. The only requirement is that your sensor transmits a 4-20mA signal loop, is Normally Open or Normally Closed, or is a thermistor. The standard enclosure comes equipped with a power supply to accommodate (12) 24V sensors. The signals are then transmitted from the WatchDogg to a cloud server for safe and reliable storage.

### Web-Based

- Connect by Ethernet or Cellular
- Customize Sensor Conditions and Alarms
- Unlimited Number of Users
- Limitless Data-logging for each Sensor
- Export Data via .PDF or .CSV



- ▲ **CONFIGURE DEVICE** - You can program up to 12 sensors per panel. On this page, you will set up the type of sensor and at which set points you would like to alarm. Also, you can collect data from each sensor down to the minute.



- ▲ **DEFAULT ALARM DELIVERY** - You can send alerts to an unlimited number of users via text, call, and/or email when alarms are present.



- ▲ **DATA LOGGING** - View and Export data from any sensor or multiple sensors at once. You can download graphs, customize your date range, and export in pdf or csv formats.



## SOLVING TOMORROW'S PROBLEMS TODAY

### REPUTATION:

SBS Corporation maintains a very simple philosophy: listen to the customer needs, design equipment that meets and exceeds those needs, and supply the best products and services possible. Our philosophy has helped us to gain international recognition as a market leader in liquid process control. With over 20 years of innovative experience we continue to offer cost effective solutions for some of the toughest process control problems.

### RELIABILITY:

SBS Corporation prides itself on providing unparalleled support both before and after the sale. We believe that our job really begins when we receive an order. Most importantly, we stand behind our equipment. If you do have a problem, we'll fix it - "no ifs, ands, or buts." We'll get you up and running again in the shortest time possible.

### RESOURCES:

Since 1974, SBS Corporation has helped to design thousands of cooling, cleaning, heating, and controlling systems for the heat treating industry. With this sort of exposure, we can offer valuable insight into the do's and don'ts of mechanical design. We stand ready to be your partner in the pursuit of perfect quench process control.

## PREDICT BREAKDOWNS. INCREASE SAFETY. PROTECT YOUR HEAT TREAT WITH **WATCHDOGG**.™



**SBS CORPORATION**

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