

IBD Monitoring

Wireless Monitoring System Overview

System Access	3
System Overview	4
Monitoring	4
Graphical view of data	5
Data Export	5
Sensor Configuration	6
Notifications and Alerts	6
User Setup	7
Hardware	7



Mark Lundborg
Managing Principal
Direct – 972.974.6478
mark.lundborg@integrity-bd.com
www.integrity-bd.com



Timothy L. Roen
Managing Principal
Direct – 612.323.6512
tim.roen@integrity-bd.com
www.integrity-bd.com

System Access

Initial Login: go to <https://monitoring.integrity-bd.com/Account>

Login: User Name is your email; Password is "password"

Create Favorites Shortcut here

Login to your account

User name

[Forgot user name?](#)

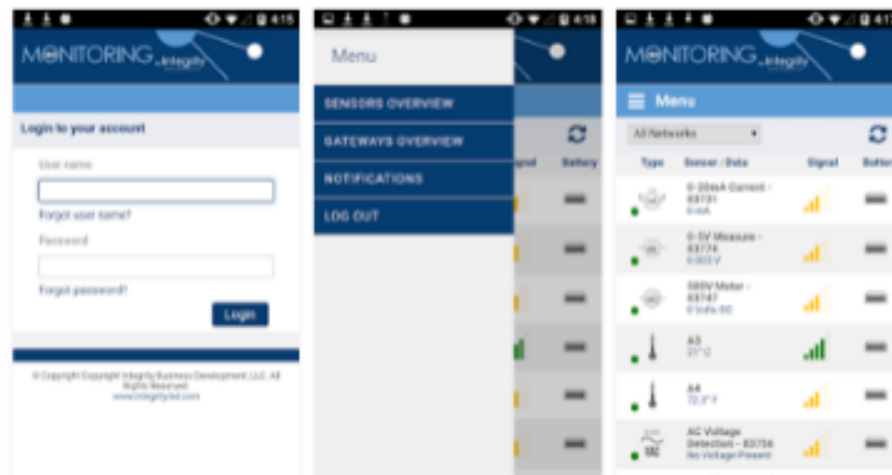
Password

[Forgot password?](#)

Remember me?

Login

IOS and Android apps:



Integrity-BD Mobile by Integrity-BD Monitoring **for Android Devices**



<https://play.google.com/store/apps/details?id=com.integritybd.monitoring.ibdmobile>

Integrity-BD Mobile by Integrity-BD Monitoring **for iOS Devices**



<https://itunes.apple.com/us/app/integrity-bd-mobile/id1326898272?mt=8>

System Overview

The home page provides an overview of all the sensors in your system. This can be broken down into individual networks to show a subset of the sensors if appropriate.

- Clicking on any of the sensor names will expand to show additional detail

Monitoring Overview

CC Temperature - 461751 MN 67.5° F 3/29/2019 10:21 AM

Type: **Temperature** Sensor ID: 461751
 Last Check-in: **3/29/2019 10:21 AM** Belongs to Network: Integrity DEMO Network
 Expected Next Check-in: **3/29/2019 10:41 AM** GatewayID: 178757

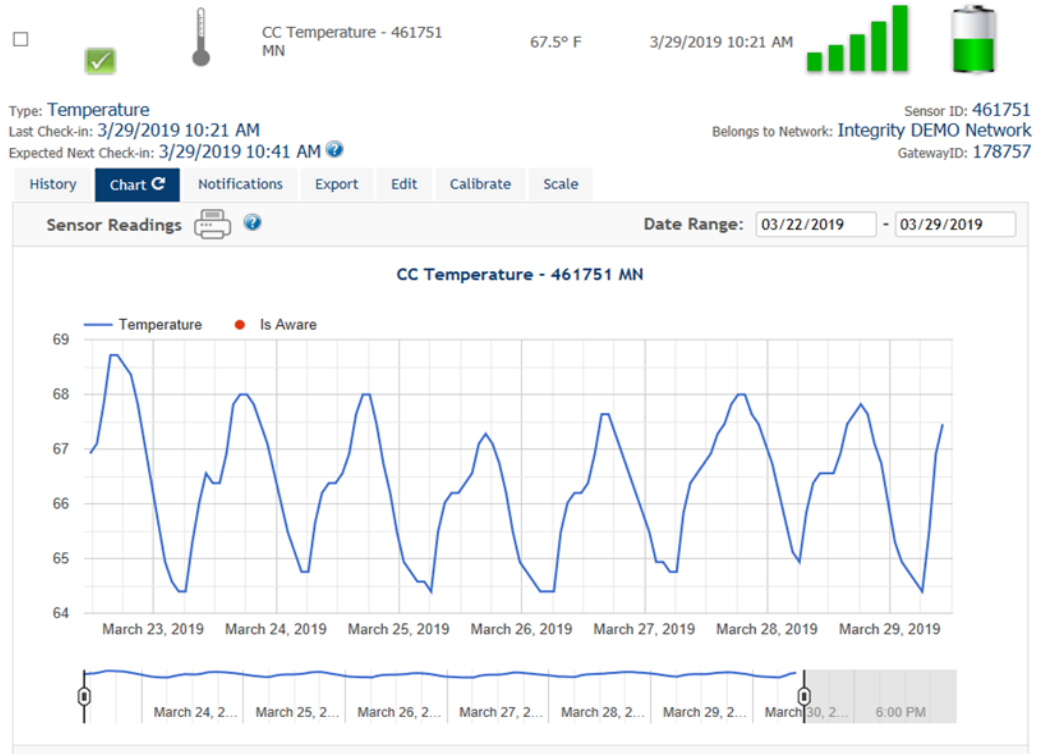
[History](#) [Chart](#) [Notifications](#) [Export](#) [Edit](#) [Calibrate](#) [Scale](#)

Missed Communications Date Range: 03/22/2019 - 03/29/2019

Date	Signal	Battery	Sensor Reading
3/29/2019 10:21 AM	100	47	67.5° F
3/29/2019 10:01 AM	100	47	67.5° F
3/29/2019 9:41 AM	90	47	67.3° F
3/29/2019 9:21 AM	100	43	67.3° F
3/29/2019 9:01 AM	100	43	66.9° F
3/29/2019 8:41 AM	98	43	66° F
3/29/2019 8:21 AM	100	40	65.8° F
3/29/2019 8:01 AM	100	43	65.7° F
3/29/2019 7:41 AM	100	43	65.5° F
3/29/2019 7:21 AM	90	40	65.3° F
3/29/2019 7:01 AM	100	40	64.9° F
3/29/2019 6:41 AM	100	40	64.6° F

Graphical View of Data

Charts provides a graphical view of data within a set time frame. The date range can be set as well as the sliders on the bottom can be moved to allow for more detail.



Data Export

Data can be exported to a csv file for use in other programs or reporting.

Current Meter 20 Amp - 301890
0.17 Ah
3/29/2019 10:24 AM

Type: Current Meter 20 Amp
Last Check-in: 3/29/2019 10:24 AM
Expected Next Check-in: 3/29/2019 10:44 AM

Sensor ID: 301890
Belongs to Network: Integrity DEMO Network
GatewayID: 178757

History Chart Notifications Export Edit Calibrate Scale

Export sensor data Date Range: 03/22/2019 - 03/29/2019

Only the first 2500 records within the given date range will be exported.

Data from this sensor
 Data from all sensors in network
 Data from all sensors in account

Fields of data to export:

DataMessage GUID (required)	SensorID	Sensor Name	Date	Value	Formatted Value	Battery	Raw Data	Sensor State	GatewayID	Alert Sent	Signal Strength	Voltage	Special Value
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Export data to CSV file

Sensor Configuration

While we typically setup these parameters for our clients, users with edit permissions can make changes as you see fit.

Notifications & Alerts

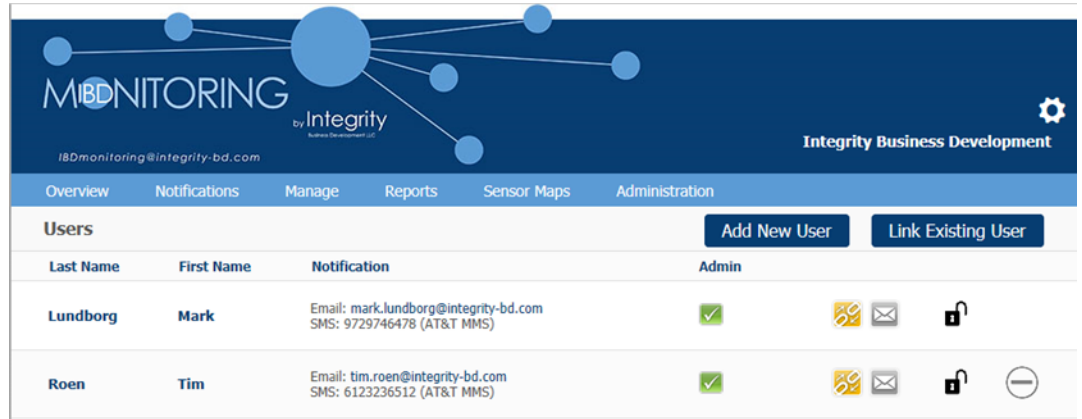
There are multiple options for sending out notifications and alerts:

- Text, email or both
- Can be paused during projects
- Based on sensor reading or time of day/week
- Alerts can be set to only occur during scheduled times
- Can alert for battery level

Type	Notification Name	Last Sent	Sending To	Test
ON	Gateway 178757 inactive	2/17/2019 3:00 PM	✉	📧
ON	High Humidity		✉	📧
ON	High Temp Freezer >20	12/21/2018 12:09 PM	✉	📧
ON	High Temperature Warning >40	1/10/2019 1:22 PM	✉	📧
ON	Inactivity - Sensor	2/14/2019 2:22 AM	✉	📧
ON	Low Battery	3/12/2019 6:41 PM	✉	📧
ON	Low Temperature Warning	1/10/2019 12:40 PM	✉	📧
ON	Room 100 Temperature is out of range		✉	📧
OFF	Safe Door Alert	1/31/2019 1:42 PM	✉	📧

User Setup

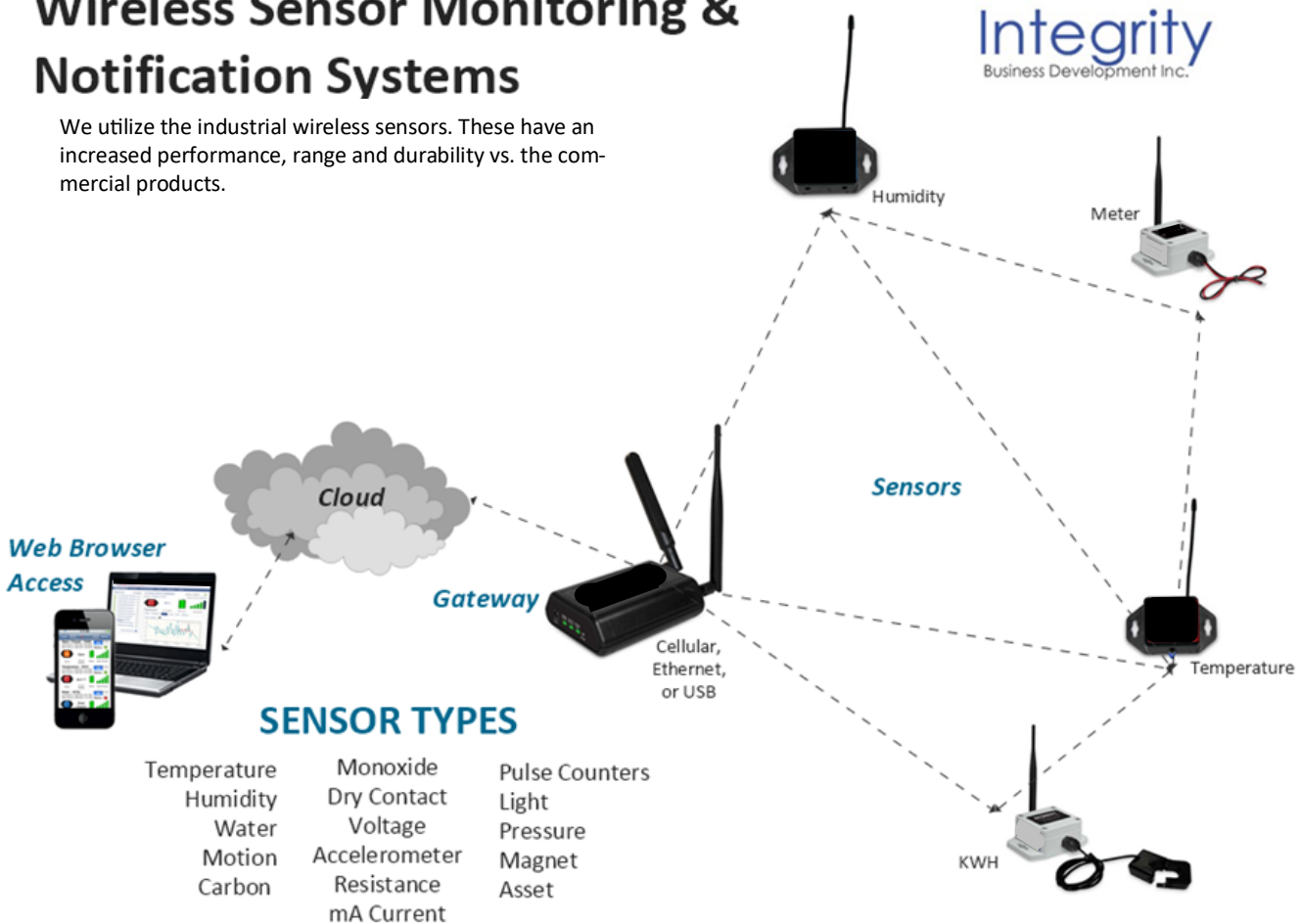
Users can be set up with email or text message alerts; with edit or view only permissions; and various other access levels.



Hardware Overview

Wireless Sensor Monitoring & Notification Systems

We utilize the industrial wireless sensors. These have an increased performance, range and durability vs. the commercial products.



For more information about our products or to place an order, please contact our sales department at 612.323.6512 or 972.974.6478. Visit us on the web at www.integrity-bd.com.