Tracking and Monitoring Software

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 04/05/2015 | 1.0 | Completed test case. | Philip Kurowski |
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# Messaging Module

# Test items

## Sending an alert

A specific active miner on site should be notified via their end device.

## Sending a broadcast

Every active miner on site should be notified via their end device.

# Input specifications

## Sending an alert

The user chooses specific active from the messaging form.

## Sending a broadcast

The user selects to broadcast all miners from the messaging form.

# Output specifications

## Sending an alert

A specific active miner on site should be notified via their end device.

## Sending a broadcast

Every active miner on site should be notified via their end device.

# Environmental needs

## Computer running Windows with the Tracking and Monitoring Software (TMS) installed

An install of the TMS is required with some miners and routers loaded into the system.

## Active programmed coordinator connected to the TMS

There should be a programmed FFD connected directly to the TMS via USB that is capable of receiving a byte stream consisting of a byte and an end tag ID.

# Special procedural requirements

# Intercase dependencies

## Master module test cases must succeed before data can be tracked

There must be valid members, tags, and routers in the system for the messages to be constructed.