



Bullhorn Asset Tracker BAT™ / BAT™mobile

Bullhorn Asset Tracker (BAT™) is American Innovations' powerful web-based asset management interface for the Bullhorn® Remote Monitoring System. The Bullhorn system monitors and collects data from oil and gas, water and wastewater and agricultural industry assets and provides immediate notification of alarm conditions by voice, e-mail and/or text. BAT™mobile provides users with on-the-go access to BAT™ in a smartphone optimized format and BATtxt allows customers to communicate with units in low signal areas via text message. BAT™, BAT™mobile and BATtxt are included with the purchase of any Bullhorn device at no additional cost.

Unit Status

- All Units (138)
- In Alarm (4)
- Normal & Interrupting (14)
- Normal (86)
- Not Installed (1)
- In Repair (2)
- Not Reporting [8 Days] (2)
- Over Reporting [5 in 2 Days] (5)

Unit Detail

Unit	ID	Unit Type	Last Packet	INT
Antelope 18-6	18-6	RMHD10	4/7/2011 7:00:06 AM	
Nanogordo	17-5	RMHD10	4/7/2011 7:00:00 AM	
antelope 22-19	22-19	RMHD10	4/7/2011 8:00:00 AM	
Antelope	Antelope	RMHD10	4/7/2011 9:00:00 AM	
anthony pass	18-11	RMHD10	4/7/2011 7:00:00 AM	
Apache Summit 22-22	22-22	RMHD10	4/7/2011 8:00:04 AM	
Stinson 22-8	22-8	RMHD10	4/7/2011 8:00:00 AM	
Route 22-21	22-21	RMHD10	4/6/2011 8:00:00 AM	
San Juan	22-1	RMHD10	4/7/2011 7:00:00 AM	

Current Alerts

Date	Alert	Unit	Serial	Adc.
4/7/2011 9:01:31 AM	Change in DC Amps	Antelope	ANTELOPE	
4/6/2011 8:07:15 AM	Unit In Alarm	Newman Peak 6-29	NEWMAN PEAK 6-29	
4/6/2011 8:07:15 AM	Change in DC Amps	Newman Peak 6-29	NEWMAN PEAK 6-29	
4/6/2011 8:07:24 AM	Change in DC Amps	Hermosilla 7-19	HERMOSILLA	
4/6/2011 8:06:51 AM	Change in DC Amps	Santa Cruz 6-18	SANTA CRUZ 6-18	



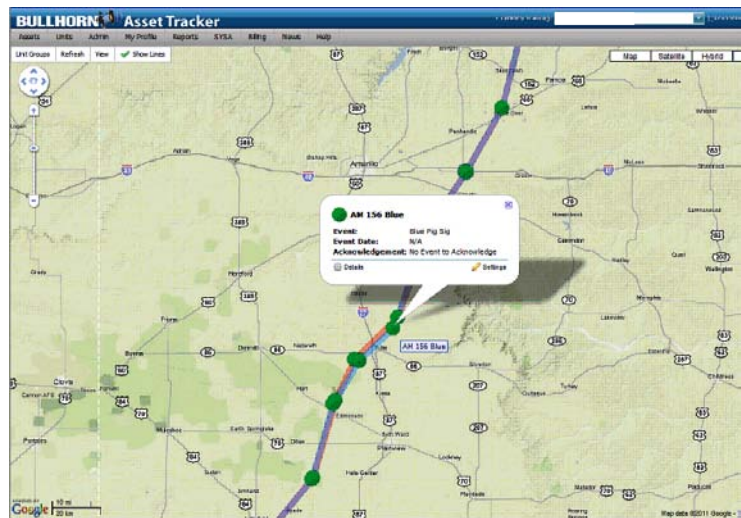
- Features**
- User-defined dashboard summary of overall and individual unit performance
 - Pre-set and custom "user profile" settings
 - Track any combination of units and assets (i.e. equipment monitored by one or more BH)
 - Customized unit data reports
 - Pig tracking application
 - Proven backend system for data storage with disaster recovery
 - Automatic data extracts to external databases
 - Unit Set-up Wizard for new & replaced units
 - BAT™mobile: BAT optimized for smartphones
 - BATtxt: communication with units via SMS text messaging

- Benefits**
- Immediate visibility of units in "alarm", "normal", "interrupting", "inactive" modes
 - View units/status based on job type and industry
 - Determine overall performance of assets
 - Reports can include data points for units & unit groups, date ranges, by unit or asset type
 - Real-time view of specific "events" (e.g. those related to a pipeline pig) over the entire system
 - Bullhorn unit data stored for 18 months
 - Scheduled data exports to PCS Cathodic Protection Data Manager for a user-specified unit group
 - Replace one unit with another and reassign data history & other properties
 - Critical information on-the-go without PC access

◆ BAT™ provides an overview of all units assigned to a particular "asset" with the ability to "zoom in" on an individual unit's performance.



◆ The Pig Tracking application provides "event monitoring" for users requiring a real-time view of specific events (such as the status of a pipeline pig) over an entire pipeline system. Users identify a set of unit event "alerts" to be monitored, and Pig Tracking integrates them onto a map or tabular display. Supervisors, engineers, and technicians can quickly assess overall system status at a glance.



Services. American Innovations Technical Service Engineers provide:

- Technical support via phone and email
- Bullhorn installation Services
- Customer training (on-site and in the AI Austin, TX facility)
- Bullhorn Asset Tracker data services
- Automated unit information/data is available through the Bullhorn Voice hotline and BAT™txt

About American Innovations. American Innovations (AI) provides oil and gas companies with critical knowledge and decision support for assets and infrastructure via corrosion protection and integrity management services. The company supplies products and services to automate the collection, storage, and reporting of equipment and pipeline compliance data. Bass Engineering, a subsidiary of American Innovations, offers CP engineering services. Product lines include Pipeline Compliance System, Allegro Field Data PC™, Bullhorn® Remote Monitoring, MicroMax® Current Interrupters, Risk Intelligence™ platform software and Integrity & Compliance Services.

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