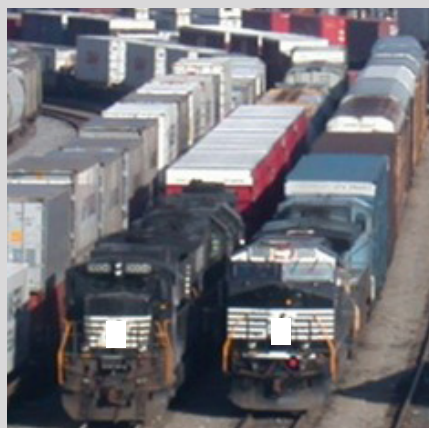


Locomotive Enhancements from ACS Railroad Solutions That Keep Your Trains Rolling

www.acsrail.com
678-722-5261
sales@acsrail.com



Locomotives that won't start inhibit you from delivering freight on time

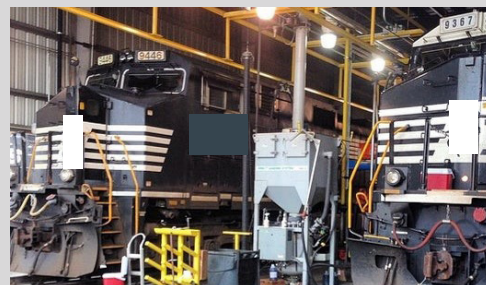


Power becomes unavailable, yards become snarled, and tracks can be blocked

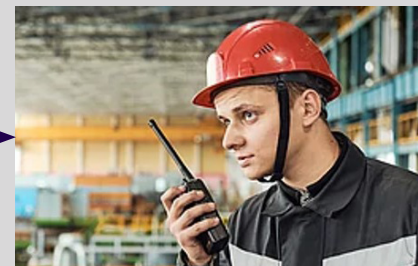
Lead Acid Batteries are often the culprit, but a lack of easily obtainable battery health information makes it difficult to anticipate and avoid battery issues or to efficiently address starting issues when they occur



Lack of battery diagnostic information creates issues at multiple points in your operation



Mechanical lacks an easy way to tell if they are returning a locomotive to Transportation with batteries healthy enough to ensure a restart



Train crews lack useful data to pass on to the Locomotive Help Desk and often default to trying to jump the battery. Flying blind, multiple hours are wasted on batteries not healthy enough to accept a charge or when the starter circuit may be the root cause.

Mechanical repair crews often arrive still not knowing if the battery is the issue or which battery needs to be replaced



The ACS Railroad Solutions Battery Cranking Monitor is the answer



In-Cab display of battery voltage levels, while under crank, provides at glance indication of the health of each battery

- In the Shop, gives repair personnel visibility if they are giving Transportation back a locomotive with healthy batteries
- When starting trouble occurs in the Yard or on the road:
- Train crews can provide the Locomotive Help Desk with key data to confirm if the batteries are the root cause
 - Avoid wasting time attempting to jump shorted batteries
 - Increase repair efficiency by identifying which battery needs to be changed-out