|Frequently Asked Questions

What are Asset Health Data Summaries?
Railinc's Asset Health Data Summaries give customers a concise view of equipment health data collected by wayside detectors. These summaries enable insights into equipment health and help railroads, car owners and other industry participants make better maintenance planning and repair decisions. Users may view data summaries via the Equipment Health Management System (EHMS) application and the Equipment Health View (EHV) tool or receive the data summaries via Railinc's web services technology.

What is the Asset Health Data Summaries expansion project?
Currently, customers may view summaries of data collected from the Wheel Impact Load Detectors (WILD) belonging to Union Pacific and CSX. The Asset Health Data Summaries expansion project, scheduled for implementation October 29, 2013, adds detector data from the other five Class I railroads as well as from shortline railroads. After this expansion project is complete, the data summaries also will include information from RailBAM acoustic detectors, the Trackside Acoustic Detection System (TADS) and truck hunting detectors.

Railinc is delivering the Asset Health Data Summaries expansion project under the guidance of the AAR's Equipment Health Monitoring Committee. The project creates a reusable framework that will support data from additional detectors in the future.

What benefits does the Asset Health Data Summaries expansion project provide?
The Asset Health Data Summary expansion project will give car owners, railroads and other industry participants a concise view of equipment health data collected by a variety of wayside detectors. The primary benefits of the Asset Health Data Summaries expansion project are:

- **Convenience:** Railroads, car owners and other industry participants have convenient access to a wide range of important asset health data details via the EHMS application, the EHV tool or Railinc's web services technology.

- **Cost Savings:** The Asset Health Data Summaries expansion project will help to reduce unnecessary and costly duplicate repairs that happen when work on a railcar has occurred but has not been reported.

- **More, Better Data:** Users will be able to view data in a consistent format from all Class I railroads as well as shortline and other railroads that collect various data from wayside detectors.

- **Improved Maintenance Planning:** Asset Health Data Summaries will enable railroads and car owners to plan for and act on potential issues before they escalate to alert-level status.

Who will use Asset Health Data Summaries, and what will they be able to do?
The primary users of Asset Health Data Summaries are railroads, car owners, repair shops and other EHMS users. Repair shops will complete repairs based on information railroads, car owners and others collect and process but likely will not use the data summaries themselves. Because of the Asset Health Data Summaries expansion project, users will be able to:

- View a wide range of asset health data collected by four types of wayside detectors
- Identify potential equipment issues before they reach alert-level status
- Take advantage of improved detector coverage across all Class I rail networks as well as track owned by shortline railroads
- Make better maintenance planning decisions
- Reduce duplicate repairs
- Use a Railinc-supported resource instead of creating their own data summaries

Which Railinc systems does the Asset Health Data Summaries expansion project affect?
The Asset Health Data Summaries expansion project affects EHMS. EHMS users will be able to view data summaries through the equipment status query and equipment history screens in EHMS and through the EHV tool within EHMS.

What information is available in Asset Health Data Summaries?
Asset Health Data Summaries currently contain information from WILD detectors. The expansion project will add information from all Class I railroads as well as shortline railroads. It also will add data collected by RailBAM acoustic detectors, the Trackside Acoustic Detection System (TADS) and truck hunting detectors. Summaries will include information related to times, sounds, counts and other measures.

A user will have greater visibility into a data summary if they own the data. Users will be able to see only an aggregation of detector information and other data on equipment if they do not own the data or did not contribute to the data summary,

Will users continue to receive data summary notifications?
Yes. The Asset Health Data Summaries expansion project will lead to an increase in the volume of automated data summary notifications users receive from EHMS. The volume will increase because the project adds three new types of wayside detectors and expands the breadth of the rail networks from which the data is collected. Users have to subscribe to the notifications to receive them.

Why won't a repair or inspection close a RailBAM, TADS or truck hunting data summary?
A repair or inspection cannot close these data summaries. If an alert open is open and the component is repaired or inspected and reported, the alert will close. However, data summaries will stay open until enough consecutive good readings occur.

How do I access the Asset Health Data Summaries via the Web?
You must have a Railinc Single Sign-On (SSO) account to access EHMS, the application through which you may view Asset Health Data Summaries. To create an SSO, go to www.railinc.com. The SSO login is located at the top, right of the page. Click *Register Here* and follow the prompts to establish your account. You will receive an email confirmation of your profile, which you must verify within 14 days to unlock your account. If you already have an SSO account, you do not need to create a new one.

You will find the Asset Health Data Summaries in Railinc's Equipment Health Management System (EHMS), which you must have permission to access. Once you have established an SSO account, you can

request permission to access EHMS after you have logged on with your SSO account at www.railinc.com. Current EHMS users may view Asset Health Data Summaries by selecting Equipment Status option under Equipment History tab. Customers also will be able to access Asset Health Data Summaries via EHV, a tool within EHMS.

What permissions do I need to view Asset Health Data Summaries via the Web?
You need permission to access EHMS and view Asset Health Data Summaries. Once you have established an SSO account, you can request permission to access EHMS after you have logged on with your SSO account at www.railinc.com.

How do I access Asset Health Data Summaries via Railinc's web services technology?
Contact the Railinc Customer Support Center toll free at (877) 724-5462 or via email at csc@railinc.com for information on accessing Asset Health Data Summaries via web services.

From which types of detectors are data summaries available?
Data summaries currently include information from WILD detectors. After Railinc implements the expansion on October 29, 2013, data summaries also will include information from RailBAM detectors, TADS acoustic detectors and truck hunting detectors. The expansion project creates a reusable framework that Railinc can leverage, at industry direction, to add detectors in the future.

How much do data summaries cost?
There is no additional cost to EHMS and EHV users for access to Asset Health Data Summaries. There is a fee for web services users. Contact the Railinc Customer Support Center toll free at (877) 724-5462 or via email at csc@railinc.com for more information.

Does this create a new Railinc system?
No. The Asset Health Data Summaries expansion project only adds to the data available to view in EHMS and via EHMS subscriptions and Railinc's web services technology.

Are companies required to use Asset Health Data Summaries?
No. Companies are not required to use Asset Health Data Summaries.

What if I have questions about Asset Health Data Summaries?
Railinc customer service will be available to answer questions. For more information about Asset Health Data Summaries, contact the Railinc Customer Support Center toll free at (877) 724-5462 or via email at csc@railinc.com.

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