

DATA MANAGEMENT - ANALYSIS - REPORTING



TBOGI-DB makes the job of data management - analysis - reporting a snap so with a few clicks you will:

Know what to repair and when

TBOGI-DB is a web delivery database service that enables WID customers to immediately start benefiting from their TBOGI and TBOGI-HD systems - from the very first train pass captured - without any additional IT investment.

USE TBOGI-DB TO:

- Evaluate the health of trucks with TBOGI measurements and monitor the evolution of exceptions over time.
- Provide a comprehensive set of measurements that facilitate the fundamental steps of root cause analysis and maintenance scheduling.
- Determine the appropriate thresholds upon which exceptions are raised.

USERS OF TBOGI-DB OBTAIN:

- Access to processed train data within a few minutes after a train capture.
- Convenient, any-time access to historical train data via web interface and downloadable (Excel) reports.
- Visual representations of truck history, truck geometry and train consist data.
- Ability to manage access limits and roles for members of your organization.
- Data analysis support provided via email, phone and conference call.

In general, preventive maintenance costs one third of reactive maintenance, and additionally, extends the life of assets by a third or more. Over time, this improvement develops into huge ongoing cost savings for your business!

Our rugged TBOGI systems make capturing data for Truck Condition Monitoring easy and trouble-free, but that's only half the equation. To enable effective preventive maintenance you need to know which assets are losing you money. Enter TBOGI-DB - with near real-time data reporting, and historical trending tools, you can identify present-day bad actors as well as predict their occurrence in the near future. Also, by treating the root causes you can stop the same issues from reforming, and thus avoid repeating costly maintenance for recurring symptoms.

The TBOGI-DB service is provided by WID on its own dedicated servers located in a secure hosted environment. Users require only a web browser to immediately access their information from anywhere though intuitive web-based interfaces.

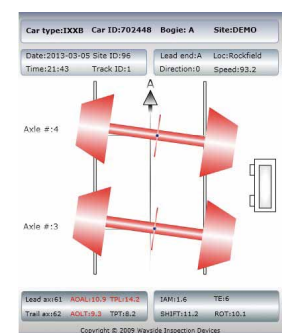
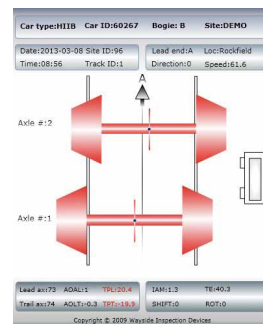
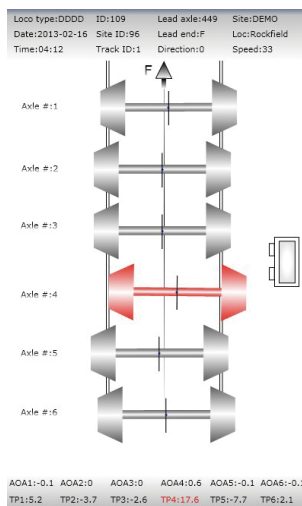
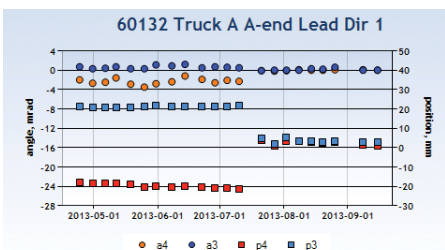
Owners of TBOGI, TBOGI-HD systems are NOT locked into TBOGI-DB.

All TBOGI data processing is done trackside and data can be concurrently transmitted to a customer's internal asset management system (if required) as well as other industry standard databases and TBOGI-DB.

TBOGI-DB ONLINE DATABASE SERVICE FEATURES:

- Internet based for:
 - Wide accessibility
 - Standard browser interface
- Fast and intuitive access to data
- Multiple users and locations
- No in-house IT support or development required
- Exceptions presented in tabular data and graphical formats
- Actionable data available immediately following installation of TBOGI, TBOGI-HD
- Search for specific vehicles or range of vehicles
- Database optimized for TBOGI data

Date	Site	Lead	AOA1	AOA2	AOA3	AOA4	AOA5	AOA6	TP1	TP2	TP3	TP4	TP5	TP6
2013-01-24 02:30	03	East	00001	432	87.1	80	99	0	1	2	0	1	0	0
2013-01-24 01:02	1	West	00001	480	76.3	64.8	81.7	0	1	1	1	0	1	1
2013-01-24 00:34	0	East	00001	80	68.3	64.8	81.6	0	1	0	0	0	0	0



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