

# KLH Communications

WEBSITE COPY

CLIENT: **DataTraks**

JOB: **Amtrak Wheel Shop Monitoring System Product Sheet**

DATE: **08/16/10**

VERSION: **1.0**

WRITER: **KLH**

---

## **Paperless Monitoring by DataTraks – A better way to manage your wheel shop documentation**

Don't let data management issues take your business off track. DataTraks has the cutting-edge technology and customized engineering and software solutions to address the challenges unique to the railroad industry.

### **Client Case Study – Amtrak's Wheel Shop Monitoring System**

#### **The Challenge:**

Amtrak was in need of a reliable way to track wheel set assembly and production. For years, the company had used a paper tracking form. As a result, they were continually plagued by a host of problems – from illegible handwriting and forms filled out incorrectly, to lost paperwork that could not be easily reproduced. And, when it came time for the company's annual federal compliance audits, the necessary paperwork couldn't always be found.

#### **DataTraks Solution:**

To help Amtrak address this challenge, we implemented data entry stations at each manufacturing station in the wheel shop. As each process was completed, the machinist would simply select the wheel set from a list, enter the relevant measurements or parameters, and save the data with the push of a button. Not only did this shift to a paperless system save Amtrak time and money, but information was now securely stored away for easy retrieval when needed.

*[Insert graphic of shop stations connected to a central database]*

### **DataTrak's Paperless Monitoring System**

DataTrak's reliable paperless monitoring system is fully customizable, with capabilities that include: forcing supervisor approvals at various points in the production process, and generating lists of inspections awaiting completion. At the end of the day, this system enables supervisors and shop managers to better manage their shop by generating automated reports that show their daily production numbers. The system also eliminates the problem of lost data, by storing information in a relational database that is secured and routinely backed up.

*[Insert screen shots of sample reports]*

When it comes time for annual compliance audit, the auditor can simply sit at a computer terminal with the shop supervisor. From there, they can simply type in any wheel sets of interest to immediately see the required data – eliminating the hassle of searching file cabinets and the shop floor for missing paperwork. This paperless monitoring system actually makes the auditor's job easier, drastically reducing the time needed to conduct an audit.

### **System Features**

- Simple data-entry screens to be filled in by shop personnel
- Secured with usernames and passwords
- Generates mid-process supervisor reports, miss-fit and scrape reports
- Electronic supervisor approval capabilities
- Can be fully integrated with existing procurement databases and other corporate software
- Generates production reports and histories
- Enables supervisors to check status of a particular wheel set without leaving their desk
- Automatically checks data entries for validity before storing in database
- Generates hard copies of all reports with the click of a button

### **Proven Solutions for the Railroad Industry**

From managing operations to monitoring quality, DataTraks creates customized engineering and software solutions to help make your operations more efficient, cost-effective and reliable.

Not only have we been designing sensors and software for the rugged railroad environment for more than a decade, we're experts in creating custom database solutions. With DataTraks as your partner, you'll soon have the capability run more trains faster, safer and more efficiently.

**Ready to Get Your Business Back on Track?**

If you would like more information on DataTraks' paperless monitoring system, call **970-461-1140** to schedule your free consultation.

---

**DataTraks** (logo)

213 E. 4<sup>th</sup> St., Ste. B

Loveland, CO 80537

970-461-1140

[www.datatraks.com](http://www.datatraks.com)