



Cylinder Tracking With AcuTrax

Presented
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Who is DataWeld?

Why Should You Track Cylinders?

Have you ever paid for lost cylinders or sat through unpleasant reconciliation meetings?

Do you have to pay for the use of cylinders (rent, demurrage)?

Do you spend a lot of time allocating rental or loss of use charges to departments within your facility?

If The Answer is Yes, You Might Ask Yourself These Questions:

- If I am being billed for lost cylinders, how can I be sure my plant lost them?
- If I am being billed rental or demurrage charges, how do I know I am being billed for the correct number of cylinders?
- Can I eliminate most or all of the time I spend allocating charges within my facility?

Tracking Your Cylinders Will Help You

- Eliminate billings for cylinders you did not lose.
- Eliminate rent on cylinders you don't have.
- Dramatically reduce the time spent allocating rental charges to departments in your facility.

Cylinder Tracking Can Also Help Identify

- Cylinders that are empty but not returned so you can return them and stop paying rent.
- Cylinders that disappear, so you can assign responsibility.
- Cylinders that are damaged, so you can assign responsibility.

Why Not Let The Vendor Track The Cylinders?

- Not all Vendors track their cylinders.
- Those that do track can only track the cylinders up to your dock. Most can't track within your plant.

How Do My Balances Get Off?

- Vendors deliver fewer cylinders than ordered but order is not changed.
- Vendors pick up more empty cylinders than expected but do not record the extras properly.
- Driver does not record any returns
- Vendors make mistakes manually entering the cylinders dropped off or picked up into their accounting system.

How Big Can The Problem Be?

- Let's assume two deliveries per week.
- Two types of cylinders
 - Deliver full cylinders
 - Pickup empty cylinders
- These have to be entered by someone into the vendor accounting system.

Let's Do Some Math

- Eight opportunities for errors each trip.
- Two trips a week.
- 52 weeks in a year
- 832 opportunities for errors

What If The Vendors' Driver Is Accurate 95% Of The Time?

- 832 transactions
- 95% accuracy = 42 errors per year on *your* cylinder balances
- Did the error involve one cylinder or ten?

The Secrets You Aren't Supposed to Know About

- Cylinders are rarely truly lost. They are often returned from another source but without tracking there is no proof. You get billed and the vendor gets the cylinder.
- If there is a discrepancy, the assumption is always that you lost the cylinder.
- Credit is rarely given for incorrectly billed rent because it is so hard to prove.
- Vendors often quickly negotiate on lost cylinder charges because they can't prove that they did not make a mistake.



AcuTrax

Cylinder Tracking For The 21st Century

So How Does AcuTrax Solve This Problem?

1. Closed Loop Tracking System
2. Extensive Error Checking

The Closed Loop System

- You never move a cylinder without capturing the serial number, barcode number, or transponder number.
 - Receive cylinder from vendor
 - Ship cylinder to department
 - Receive cylinder from department
 - Return cylinder to vendor
- You track cylinders between departments, labs, vendors, and **EVERYWHERE** your cylinders go.

Advanced Error Checking

- Error checking builds accuracy into your system and confidence in the data collected.
- Error checking is used every time the cylinder moves to catch any possible discrepancies **when they happen**.
- Error checking gives you the power in vendor cylinder reconciliation meetings.

Reporting Tools

- Vendor Comparison Report – Compare your totals to those provided by the vendor.
- Rental Comparison Report – Compare to the vendor's rental invoice.
- Slow Moving Cylinders – Identify cylinders that need to be returned to the vendor.

Departmental Audits

- Periodically, you can go out to various departments and take an inventory of the cylinders they have on-hand.
- You can compare this count to your records.
- If they agree, you can celebrate.
- If they disagree, you can start trying to determine where the mistake is...before the problem gets out of hand.

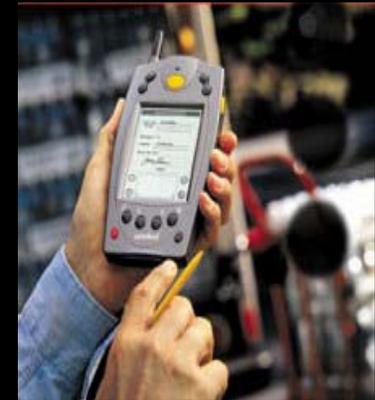
Shipments To Departments

- Minimal data entry for the operator
- Extensive error checking
- Optional Proof of Delivery receipt
- Electronic signature capture – can be emailed to your users or to the vendor confirming proof of delivery or receipt.
- Track cylinders to:
 - Department/Cost Center
 - Building
 - Floor
 - Room



Portable Pen Based AcuTrax

- Pen Based Handheld Computers With Portable Databases
- Ruggedized for industrial use
- Signature capture
- New Handheld
 - Faster processor
 - More Memory
 - Blue Tooth – wireless printing
 - Wireless – network access



Radio Frequency

RF Handhelds for Use At Dock and Fill Plants

- Real time update to database
- Create cylinder database
- Ship/Return cylinders
- Fill cylinders
- New handheld
 - Faster processor
 - Wireless connection



Who Is Using AcuTrax?



Water Authority of Puerto Rico

OAK RIDGE NATIONAL LABORATORY

Managed by UT Battelle for the Department of Energy

 **UTMB** The University of Texas Medical Branch

 Idaho National Laboratory



AcuTrax Helps You

- Prove to yourself and your vendor how many cylinders you are supposed to have eliminating billings for cylinders you did not lose and rent on cylinders you don't have.
- Increase cylinder turnover so rental billings are minimized.
- Protect your cylinders from loss.



If You Want 100% Accuracy You Want AcuTrax

“After 19 months of transactions to and from the job site we were 100% accurate. The customer loved it!”

Dave Melo

Melo's Gas and Gear



DACAWELD

INCORPORATED

The Software Professionals

