

## **JMT Puts an Edge on Hansen® Inventory, with Mobile Barcode Technology**



### **The Challenge**

Washington State's Pierce County Public Works had a vision. Larry Butner, Pierce County Supervisor, knows Hansen inside and out. He wanted to get added efficiency and accuracy out of his Hansen system using mobile computers and bar code technology. Pierce County users needed the freedom to enter data not only from their parts counter, but from out on the warehouse floor and in the field. Larry knew that with the integration of bar code, data entry errors and redundancy could be reduced or eliminated; and with the speed of barcode entry, worker efficiency would increase.

### **Solution**

JMT Systems Consulting – in a strategic venture with Hansen Technologies and Intermec – designed, built and deployed a mobile data collection interface to the Hansen Warehouse Management solution.

The solution is comprised of a mobile interface to Hansen's Adjustments, Issues, Receipts and Transfer modules. Rugged Intermec mobile bar code scanners were fitted with JMT's robust user-friendly software.

To further prevent data errors, the JMT middleware software allows the user to review and modify their collection data before its even submitted to the Hansen portal for processing.

JMT offers the customer choice of non-proprietary, 'open' databases that allow full access to their data. This gives the customer two important abilities: the opportunity to peek at field-collected data, and the ability to create custom reports from their collected data before or after it has been submitted to the Hansen software.

### **Benefit**

Floor workers are no longer tethered to the front counter PC. They now have the flexibility to tour the warehouse floor to issue, transfer and receive parts, as well as to make count adjustments.

Redundant data entry has been eliminated.

Where the floor workers would write down the part numbers in the warehouse to only enter them again into the system at the parts counter – they now enter it only once.

The data is correct.

Scanning barcodes, instead of handwriting part numbers, has eliminated the potential of transposing and incorrectly scribing part numbers.

With the addition of barcodes and scanning, the data entry process was made very efficient and usable.

*"[JMT wants their] product to be perfect. We're very happy with the new barcode functionality," Larry Butner, Pierce County, Maintenance Supervisor.*