



# APPLICATION NOTE



NB440 Mobile Powered Workstation with Desktop PC, LCD, Label Printer & Scanner

## Ross Stores Realized it was Time to Cut the Cord and Implement a Mobile Power Solution

**Customer:** Ross Stores, Inc., an S&P 500, Fortune 500 and Nasdaq 100 (ROST) company headquartered in Pleasanton, California, is the nation's second largest off-price retailer with fiscal 2010 revenues of \$7.9 billion.

The nature of Ross Store's business is "opportunity buying" – so the merchandise they carry changes every week.

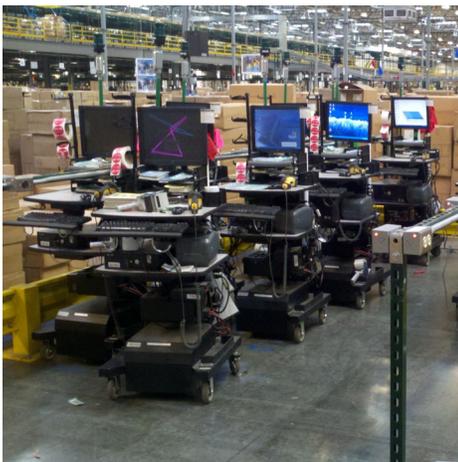
**Mobility Challenge:** Thousands of boxes are received into the DC each day (many of which come in on pallets or large boxes without a printed barcode that are too big to be placed on a conveyor). Receiving personnel must open each box, identify the product inside, then sort and label the merchandise. It was imperative that receiving personnel have a computer, printer and scanner with them. In their Carlisle PA Distribution Center alone, they process over 600,000 units per day in three shifts.

**Mobility Solution:** Originally, they were using a few mobile non-powered carts with long extension cords that were tethered to power outlets. That solution was not only inflexible, but dangerous to personnel walking through the DC.

Newcastle Systems' NB440 Mobile Powered Workstation (w/200 AH battery system) provides a flexible solution that keeps the following hardware powered for 8 - 12+ hours at a time:

- Laptop or PC
- LCD
- Zebra Xi140 Label Printer
- Scanner

The operators are now able to freely move to the next pallet, or anywhere in the DC - cord free! At the end of their shift, they simply bring the "Mobile PC/Label Printing Station" to a designated recharging area and plug it into a standard power outlet to charge.



One of the five recharging areas at the Moreno Valley, CA facility

