

The Challenge

Aaron Ray, Stores Supervisor for the City of Columbia Missouri Water & Light was in search of ways to improve the Work Order fulfillment process and increase the accuracy of inventory at Columbia Water & Light. The property included the following:

- Main Warehouse (4,225 square feet)
- Storage Building #1 (2,800 sq. ft. - no network connectivity)
- Storage Building #2 (2,400 sq. ft. - no network connectivity)
- Storage Building #3 (4,000 sq. ft. - no network connectivity)
- Outdoor Electric Yard (529,708 square feet)



The Solution

Quatred, LLC performed a site survey and determined the best approach was to implement a wireless Mesh network. Mesh access points were mounted on buildings and utility poles throughout the property to provide 100% wireless coverage. The Mobile Computing/Bar Coding solution from SunGard and Quatred was implemented to extend purchasing/inventory functionality to mobile computers.



The Results

All inventory is now bar coded. Issues and returns are processed against bar coded work orders online in real-time. Physical Inventory is performed via mobile computers eliminating the need to manually record and subsequently enter counts. Going mobile has saved valuable time and enabled materials staff to be more efficient in their day-to-day responsibilities!




MT48502501060
Cleaner, All Purpose

Bldg: MT	UOM: GAL
Comm: 485	MIN: 4
Sub: 025	MAX: 24
Item: 01060	

"Going mobile has streamlined our inventory processes and helped our materials staff become more efficient! We look forward to additional functionality being extended to the mobile environment. I would like to thank Quatred for their expertise and professionalism in deploying this solution."

**Aaron Ray, Stores Supervisor
Columbia Missouri Water & Light**