

# Dual Integration Benefits the City of Independence

## Electric Utility Gains Real-Time Inventory Visibility

### AT A GLANCE

#### CUSTOMER SNAPSHOT

- Power and Light Department
- Independence, Missouri

#### RADLEY PRODUCTS

- ERP Integrated Data Collection
- Inventory Control

#### PROJECT SNAPSHOT

- Operational Analysis
- Project Management
- Software Configuration
- Label Configuration
- On-Site Training
- Technical Support

#### BENEFITS

- Integrated Data Collection to ERP
- Streamlined Receiving
- Eliminated Manual Data Entry
- Real-Time Inventory Visibility
- Barcode Labeling

#### Customer Summary

The City of Independence is the fifth largest city in the state of Missouri encompassing over 78 square miles. Independence Power and Light (IPL), the city's electric utility, manages inventory in multiple warehouses.



#### Challenges

IPL relied on manual data entry for inventory updates. They needed an inventory control solution that connected to Cityworks®, their asset and work management system. Challenges included:

- No real-time visibility of inventory stock levels or location.
- Needed to barcode inventory—light bulbs, cables, fuses, lamp posts, transformers, etc.
- A custom solution proposed by an outside consulting company would have involved an untested, from-scratch integration to Cityworks Storeroom.
- The IPL wireless network needed to be upgraded before any implementation could be done.

#### Solution

Radley offered IPL a real-time Cityworks-centric solution and extensive data collection experience. Radley's solutions also enabled IPL to perform Cityworks transactions instantly from mobile devices. IPL uses Zebra brand mobile devices which support their two factor authentication system for multiple layers of security. Radley's software was able to run within IPL's security layers. To streamline implementation, Cityworks Storeroom and Radley solutions were implemented simultaneously.

- Inventory
  - Transactions are instantly performed through Radley's interface on mobile user devices
  - Inquiry from the IPL Generation warehouse for part details and on hand quantities
- Receiving
  - Eliminated manual processes to allow receiving directly from dock
- Automated Cityworks Storeroom Transactions
  - Issue to Account
  - Issue to Work Order
  - Issue to Employee
  - Receive to Account (financial/cost center)
  - Receive to Work Order

#### Results

Overall, Radley improved IPL's system of barcode tracking and data collection to increase operational efficiency by replacing their outdated warehouse management system. IPL gained real-time visibility. Future enhancements include inventory counts and audits as well as moves and transfers of inventory from one location to another. IPL also plans to convert other warehouses to the Cityworks and Radley solution, including transmission and distribution, fiber and communications, and substations.