



King Electric

The Challenge King Electric, a manufacturer of electrical heating products, was expanding its business by adding a 40,000 square foot warehouse (for finished goods) to their existing 100,000 square foot manufacturing space. They needed to add network connectivity to the new building which was 1500 feet away and across the street from the manufacturing site. They also needed to improve their inventory tracking systems since the majority of their customers have Electronic Data Interchange (EDI). In the past, inventory and order status were entered manually and orders were processed at the end of the day. Errors resulted in loss of productivity and inaccurate reporting to customers.

The Solution King Electric chose Service Communications Inc. (SCI) to address its needs because of its demonstrated expertise, knowledgebase and competency in the areas of wireless, data and cabling. They trusted SCI to provide the necessary products and services, thereby performing as a total solution provider. SCI assessed the situation and helped King Electric evaluate the various options. In the end, SCI recommended a solution that was both cost-efficient and reliable, since real-time reporting was critical.

The Results SCI installed pre-terminated fiber cabling to connect the two buildings and built out a server room in the new warehouse. An Aruba mobility controller with access points placed throughout the two warehouses ensured connectivity and reliability. Berk-Tek/Ortronics structured cabling was installed to connect the access points back to the Aruba mobility controller which manages all traffic over wireless. SCI also provided Symbol/Motorola ruggedized wireless handheld devices to scan all inventory and report in real-time. Currently, King Electric employees can go anywhere in both facilities and stay connected to this reliable network, and the new scanner system eliminates data entry and its associated errors. As a result, King Electric is experiencing 20% productivity gains and increased customer satisfaction due to fewer reporting errors.

Client Testimonial “SCI had the expertise and the competency to address all my needs. We realized significant benefits, namely an increase in productivity and more importantly, the cost savings associated with implementing a wireless solution.”
- Dean Wilson, V.P. Operations, King Electric

About SCI

Service Communications Inc. provides installs and supports voice, data, security and cabling systems. SCI's 20 year expertise offers the single source solution that has successfully integrated the network infrastructure needs for the retail, financial, healthcare, education and government sectors, among others.

We Bring Technologies Together

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