

System Overview

Regional Wholesale Electrical Supplier Modernizes and Improves Operations



Features & Benefits Provided

- Zoned picking modules with RF picking improve accuracy
- Non-conveyable products handled efficiently
- Protection package safeguards personnel and equipment



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The Challenge:

Cross-traffic, worker safety, equipment preservation, and better management of order packing were concerns expressed before the re-design of this large, regional distribution center. The new design had to incorporate radio frequency technology already in use.

Changes to every area of the facility needed to be incorporated, and all changes would have to be made during normal production hours, without affecting service. Storage and picking of non-conveyable products were to be accommodated in the final design.

The Solution:

The Siggins design placed small product in a multi-level picking module serviced by conveyor.

Non-conveyable product was located in a zoned module, limiting the need for fork trucks. Special areas with cantilever and reel racking were created to house conduit and wire products, and a packing cluster was created, allowing

order separation by category.

Wider aisles, racking protection, and traffic flow management all create a safer work environment.

Careful planning and collaboration can ensure that multiple objectives are addressed during design of a material handling system