

Optricity Service Options

The Theoretical Analysis Service is an appropriate choice for any client with the need to analyze rack type in order to meet business objectives.

Project Scope:

A typical Project Scope will encompass the analysis of one or more facility areas (e.g. dry grocery, break-pack module, HBC, etc.). These areas are specified in the project scope. The Deliverable is the metric output as described in Phase 3.

Theoretical Analysis Services: Greenfield/Expansion Analysis Service

As a Customer's business drives the need for new and/or expanded facilities, Optricity can provide Theoretical Analysis Services oriented toward assisting the Customer in making decisions on the type of racking required to meet the business objectives. The scenario is similar to the Facility Survey Service in that the optimal quantity of pre-determined slot types can be calculated using all of the same item and slot attributes and Customer defined rules thus producing an optimal slot type count based on baseline slotting and not simply a matching of item and slot capacities. Theoretical Analysis Services can also be applied to existing facilities not undergoing expansion if the Customer only desires to see the calculated optimal quantity of each slot type without the associated benefit of the improvement metrics.

Phase 1 – Validate Item File Data

1. Customer provides item data in electronic format in either the form of:
 - a. spreadsheet template (in Optricity standard format).
 - b. data file in XML format (Optricity standard format).
2. Customer provides description of any coding to be used in slotting strategy including listing of parent groups and sub-groups of items.
3. Customer provides item velocity history (unit movement and/or hits, 52-78 weeks preferred) or calculated forecast velocity (unit movement and/or hits) in electronic format either in the form of:
 - a. spreadsheet template (in Optricity standard format).
 - b. data file in XML format (Optricity standard format).
4. Potential item data inaccuracies will be:
 - a. jointly identified using tools within OptiSlot.
 - b. corrected in Host System (by Customer) and re-transmitted to Optricity in aforementioned format and re-validated.

Phase 2 – Determination of Desired Slot Types and Software Setup

1. Optricity and the Client mutually determine generic slot types to be evaluated.
2. Optricity sets-up the desired slot types in the OptiSlot application.

Phase 3 – Calculate Optimal Slot Type Analysis

1. Optricity to calculate optimal quantity of each slot type for the agreed upon number of alternative scenarios
2. Optricity to provide Customer with resultant output:
 - a. Quantity of each slot type required
 - b. Slot book listing each item and the optimally assigned slot type

For additional information contact Optricity Services at 919.806.4303 or
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