
CASH CENTRE CONFIGURATION PLANNER

SOLUTION OVERVIEW

The Cash Centre Configuration Planner is a solution that enables cash centre operators to accurately model, optimise and simulate the operational processes within a cash centre.

Using this technology, operators are able to make both operational and financial decisions regarding resource planning, sorting and materials handling equipment, vault and storage requirements, shift planning and cash centre risk constraints. The solution simultaneously considers the real business rules and constraints and recommends the optimal requirements for the cash centre based on envisaged centre throughput. Furthermore users can understand the effects on operations, resources and service levels by simulating the impact of variation in demand and supply throughput thereby accurately validating the real impact to the operation should such events occur. The solution allows the user to modify scenarios and run side by side comparisons and “what-if” scenarios in order to understand both the financial and operational impact of strategic and tactical decisions.

► FUNCTIONAL OVERVIEW

The solution delivers the following high level functional capabilities:

MASTER DATA ADMINISTRATION

USER PROFILING AND ACCESS CONTROL

Role definition and control of access to key functionality

CASH CENTRE LIMITS

Specification of both physical and value limits applicable to a cash centre.

CASH CENTRE FUNCTIONS

Defines the various operational functions within the cash centre, applicable process times and interdependent relationships between processes.

CASH CENTRE LOCATIONS

Defines the various locations and storage areas within the cash centre, their constraints and associated business rules

SHIFTS

Defines the various shifts that are operational or could be considered within any scenarios.

RESOURCES

Resources are defined as both human resources required to perform function or materials handling equipment required to support a defined function. Resources are defined by capacities, constraints, throughputs, yields and costs (fixed and variable).

PROCESSING UNITS

Define the various units of measure that will be applied to the solution to represent demand. Demand could be represented in physical cash value by denomination or processing units e.g. bags, bundles etc.

DEMAND

Defines the demand on the cash centre for both inbound and outbound volumes over any given period being evaluated. Demand variability profiles can also be used to perform simulation models. Demand can be represented at various levels of hierarchy, aggregation and level of granularity depending on the specific outcomes and analysis required by the user.



▶ TYPICAL APPLICATIONS

- Cash centre design and scaling
- Evaluating the operational trade-off between shift and resource planning vs the introduction of mechanical materials handling equipment.
- Cash centre budgeting
- Cash centre risk analysis
- Evaluation and motivation of capital expenditure relating to facility expansion or procurement of new equipment.
- Evaluation of Cost to Serve within a cash centre at a service, client level.
- Evaluation of the operational and financial impact relating to the acquisition of additional business or the termination of volumes through a facility.

▶ BUSINESS BENEFITS

- Rapidly quantify the operational and financial impact of business decisions within an integrated business model representing the real world functions and constraints of the business.
- Business decisions can be tested with confidence prior to being embarked on.
- Allows business users to more clearly understand the levers and drivers in the business and the impact of change on the business.
- Allows business users to obtain a more detailed and accurate understanding of the costs associated with the provision of certain services against the associated revenues at a far more accurate and detailed level than activity based accounting methodologies typically used to provide such information.



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