# Convenience Store, Automatic inventory replenishment

## Organizational challenge

The customer needed to automate through an interface the automatic replenishment of inventories in their stores and in the central systems.

This solution requires receiving inventory information at the store level and triggering an inventory replenishment from the logistics department.

## Our proposal

An interface was proposed between the ECC systems (Backoffice) and the POS in the stores (SB1) for automatic inventory supply.

Using the Cascada methodology for project management and SAP implementation for the modules.

## Our Client

Chain of retail stores throughout Belize.

Among its objectives is to support neighborhood Belizeans to become the entrepreneurs of the mini-stores and provide them with the opportunity to be their own bosses and create employment in their neighborhood.

In addition to training local entrepreneurs and offering opportunities not only to individuals, but also to the community at large.

It has more than 25 stores established throughout the territory.

In conjunction with a strategic partner, an interface was designed to communicate store systems at the POS (Point of Sale) where an SB1 system (SAP Business One) and Back Office systems (SAP ECC) are implemented.



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## Results

Based on the interaction with the customer at the time:

**Tangible results:**

- ✓ Automatic creation of inventory replenishment between both systems.
- ✓ Integration of information between SAP ECC with SAP B1, through an ABAP Proxy.
- ✓ Interface originated to SAP B1, with which the acquisition needs of the stores are exported, using the MRP tool, the needs arrive to SAP ECC where they are transformed into Sales Orders to be dispatched from the distribution center. After these steps, there is an interface to send, from SAP ECC to SAP B1, the information with the route settlement confirmation. This last data allows to execute the goods issue in the warehouses.

**Intangible results:**

- ✓ Obtain automated automatic resetting of goods, thus having more control and visibility.



**Specific benefits to highlight:**

- ✓ Automatic Replenishment.
- ✓ Communication with SAP Business One, which allows creating goods receipts and outgoing sales orders that were delivered.
- ✓ Confirmation of Route settlement.
- ✓ Creation of the Sales Order based on the requirements sent from SAP B1.

## Lessons learned

1. Communication and understanding of the client's business processes.
2. Work and adapt to a work culture that the customer itself has.
3. Execute all processes remotely.



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