



STN Sales Order Processing Software Specification

Overview

The STN Sales order processing module is composed of three processes. The first is a real-time customer enquiry, requesting customer information from Sage MMS and returned to the mobile device. The second process involves requesting stock information for the chosen customer. The final process involves the combination of the customer and chosen stock information into a Sales Order which is sent back into Sage MMS and posted.

Customer Enquiries

Customer enquiries begin by the mobile user choosing the MMS database they wish to retrieve customer information from. The customer list is then returned to the mobile device in real-time with appropriate details for each customer. These details include the customers name and account reference, account contact and delivery information, the status of the account such as if the customer is on hold, the current and aged balances of the customer and also any discounts that the customer is entitled to.

Stock Enquiries

Stock enquiries are also performed in real-time and involve requesting stock details from Sage MMS for a particular customer. The details returned to the mobile device include stock names and references, the pricing matrix for the stock items (including VAT information) for the chosen customer, stock availability information such as quantity in stock and stock allocation and finally warehouse information for stock items.

Order Processing

Once the customer has been chosen for the order and the stock list has been returned to the mobile device the order is constructed. The Sales Order form allows for the mobile user to add items in stock to the order provided they have available stock. The form also has the ability to add comments and free text items which are entered as order lines in the Sage MMS Sales Order. Delivery information for the customer is populated in the form allowing the mobile user to specify a delivery address. When the order is complete the order totals are displayed detailing the net, VAT and gross amounts for the order including order discounts.

Data validation is performed on the fields of the form as well as on the server before the order is posted into Sage MMS ensuring that data is correct. Orders are sent over GPRS using 128bit encryption over SSL to ensure that the data is protected.

STN Sales Order Processing Specification Sheet

Customer Enquiries

- Real-time access to Sage MMS customer information.
- Sage MMS database selection.
- Ability to search for a customer by name or reference.
- Customer account information including;
 - Customer account reference
 - Customer account Name
 - Contact details
 - Account and Delivery information
 - Account status
 - Current balance
 - Aged balances
 - Customer discounts

Stock Enquiries

- Real-time access to Sage MMS stock information.
- Pricing Matrices returned appropriate for the chosen customer.
- Ability to search for a stock item by name or code.
- Stock item information including;
 - Stock name
 - Stock code
 - Quantity in stock
 - VAT information
 - Warehouse information

Order Processing

- Automated posting into Sage MMS in real-time.
- Creation of a Sales Order from the live Sage MMS customer and stock information
- STN Sales Order form includes;
 - Chosen customer information.
 - A list of chosen stock including quantity information.
 - Delivery information.
 - Net, VAT and Gross order breakdown.
 - Order discount information.

Security

- All customer information, stock information and Sales Orders are sent and received using 128bit encryption.
- Information is passed over SSL.
- Customer and stock information is specific to a mobile user and cannot be opened on another device.

STN Sales Order Processing Hardware Specification

Server

- Microsoft .Net Framework 2.0
- ASP .NET 2.0
- Server access to the Web through IIS using SSL
- Operating System: Windows Server 2000 or above

Mobile Device

- Device running windows mobile 5.0 with compact framework 2.0 installed.
- GPRS enabled.



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