**TECH AFRICA – STOCKS DATABASE**

**SERIAL NUMBER TRACKING MODULE – DESIGN BRIEF**

Need a search feature on the reports to find part of the number

Check if duplicate values are in the listbox before adding to table

Fix customer billing to pass back the value and setfocus on customer control

On add new you need to check the table to see if it exists before saving into table

May need a form to correct serial numbers

Job cards and warranty – if serial number not in tblserialno then add new and flag as allocated. Also check same machine and msgbox if not and check to change

Questions to be answered

Daniel

* Do you want a digest report emailed to you daily on allocations? If yes – this will be put in the pipeline to do after the core modules are done

With this project – historical information needs to be entered into the table

* Invoice numbers will be checked against the invoice headers table
* Customer codes will be checked against the customer table
* Forms need to have the globals logging activity set
* NB all notes on forms, must have a textbox that is locked which shows the notes that are already there and so new notes will be oldnote & newnote

**Work-flow (General)**

* Entry of the new serial numbers when the stock is received
* Allocation of serial numbers as the item is sold
* Allow certain users to clear the sale info on a serial number when it is returned
* Log if the warranty card is received back from the customer and enter the customer details
* Report for unallocated serial numbers
* Report for related records for a serial number

**Functions / Working Parameters**

* Entry of the new serial numbers when the stock is received
  + The fields for the form
    - Serial Number
    - Stock code
    - Date received from supplier
    - Supplier invoice number
* Allocation of serial numbers as the item is sold
  + The fields will be
    - Customer code
    - Customer invoice number
    - Date of supply
    - An auto-flag of the ysn field for allocated in the code
    - Notes if needed
* Allow certain users to clear the sale info on a serial number when it is returned
  + This will clear the fields:
    - Invoice number
    - Customer code
    - Date of supply
    - The ysn field for allocated to false
      * The above info must be entered as a note on the notes table
* Log if the warranty card is received back from the customer and enter the customer details
  + Fields are
    - Ysn field autoflagged in code
    - Date document received
* Report for unallocated serial numbers
* Report for related records for a serial number

**PROBLEM AREAS**

* None yet here

TO DO LIST

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Details |  |  |
| Table | Main records - This has been started, but needs the following changes   * Put in an auto ID field * Move notes to a new table | Done |  |
| Form | To add new serial numbers – started but needs:   * The supplier invoice number to be the same as the above record unless the user changes it * The stock to be the same as the above record unless the user changes it * The Date Received to be the same as the above record unless the user changes it | Need to link supplier inv fields otherwise form done |  |
| Table | For notes – need a new table that only records the note of the serial number ID and the note if a note is entered’ Notes must append and change. | Done |  |
| Form | To allocate the serial numbers   * Often there are multiple machines supplied on one invoice, so suggest an combo box to first select the machine. * A listbox will then be populated with the serial numbers that are not yet flagged as supplied   + User can then select multiple serial numbers for the textboxs to update from * I have done a basic form for a single allocation | Done |  |
| Form | For a returned generator |  |  |
| Form | For entry of the receipt of a warranty card |  |  |
| Report | Listing of unallocated serial numbers   * Sorted by machine type * Information will be   + Supplier name   + Date received   + Supplier invoice number | Done |  |
| Report | All related information on a machine   * Selection form will first be a combobox for the machine, which will the populate another combobox with all the serial numbers for that machine * This will need to be discussed with Daniel and Mark as to what information they would like to see * But basics would be   + supply date   + customer   + invoice number   + Job cards for that machine   + Warranty numbers for the machine * Would suggest various sub reports on this one |  |  |
| Form | To add notes to a serial number |  |  |

LATER DEVELOPMENT

* When a count sheet is confirmed, then temp serial numbers will be added to the serial numbers tables.
  + These will have a ysnTempNo field in the table
  + The ysnAllocated will be set to false too
  + The temp number will be machine & supplier inv no & number 1 through x
  + When new numbers are added – then the script will look for temp ones for those machines and replace the temp number with the actual number
  + Then the ysnTempno will be set to False so it can be used
  + The ysnAllocated will then be set to false too
  + This will need a report done to show all the temp numbers in the system
* Returns
  + Done so other staff can set it up for authorisation by Mark – maybe a double authorisation Daniel, then Mark before it can be changed
* Validations against customer invoice = if 5 on inv, then count in serial number table = 5