

TM2 Development – March 2013

Thursday, 28 March 2013

1. Raw Stock Requirements – Cancellation

A new 'Cancel' button has been added to the raw material browse list. The batch number will be cleared and the stock added back into free stock where the requirement has not been fully or partially issued. If the issue has been made the cancel flag will be set on the requirement and the free stock will be updated automatically by the next automatic appropriation run.

Wednesday, 27 March 2013

1. Process Ticket Layouts

The barcode on the process ticket layouts would not scan due to cutting off of part of the barcode. This has been corrected.

2. Operation Quality Issues

A new browse list has been added to the operation table maintenance window to allow the recording of quality issues associated with each operation.

3. Quality Barcode Label Printing

The printing of quality control barcode labels for use in the scanning process has been incorporated into the barcode printing process for operations. A new drop list provides access to this and also to the printing of number barcodes used in the identification of numeric quantities during barcode scanning.

4. Quality Control Barcode Scanning

The barcode scanning process has been updated to include the quality control and number quantity barcode processing.

5. Quality Control Barcode Scan Interpretation

The barcode scan interpretation process has been updated to include the logging of any quality issues.

Tuesday, 26 March 2013

1. Dictionary Change – Quality Control

A number of files have been added to the data dictionary to enable the recording of barcoded quality control and management.

2. Ticket Update – Quality

The ticket update window has a new tab which displays a history of any quality issues identified with the ticket during manufacture.

Friday, 22 March 2013

1. Raw Stock Update

A problem preventing the removal of a substitute stock has been corrected.

2. Raw Stock Appropriation

A problem with the raw stock appropriation where the store level appropriation was enabled was causing allocation of batch number to incorrect requirements.

Thursday, 21 March 2013

1. Process Ticket Browse

The allocated personnel field on the ticket browse was not being allocated correctly where no personnel had been allocated.

2. Sales Order Colour Reservation

The sales order colour reservation toolbox was providing unpredictable results where a colour was just being added and no quantity information had yet been recorded. This has been corrected.

3. Personnel Browse List

A correction has been made to the action of the 'Active Only' option that was not working correctly.

A new column has been added to the browse list to show the number of items currently allocated to the person.

4. Sales Dashboard

Preliminary development of a new sales dashboard available through the 'Options / Show Dashboard' menu.

Monday, 18 March 2013

1. Ticket Allocation Print

All layouts of the ticket allocation print have been changed so that the product and colour names will print over multiple lines if necessary.

2. Raw Stock Substitution

For multi coloured products it was possible for the system to substitute all colour on the colourway rather than just the selected colour.

Friday, 15 March 2013

1. Sales Order Re-Processing

Re-processing of a sales order was allocating stock quantity incorrectly for multi coloured products.

2. Process Ticket Payment

The process transactions generated by the payment process now update the transaction with the personnel who did the work.

Wednesday, 13 March 2013

1. Sales Order Reservation Selection

The sales order reservation selection window was displaying incorrect information for single colour products. This has been corrected.

2. Product Specification Sheet

Production Layout no. 6 now spreads the size range over the range available.

Tuesday, 12 March 2013

1. Product Listing

Product listing was giving 'BIND' errors on selection by season. Located problem and fixed other problems related to 'file as' and 'reference' fields.

2. Product Costing Report

Similar corrections as to product listing above.

Friday, 08 March 2013

1. Sales Order Colour Update – Reservation Toolbox

The filter used to access the stock available for reserve has been changed to include store items that are still in progress and those that have completed.

The original filter has also been changed to improve display and speed.

2. Sales Order Colour Update

The order number displayed on this window was not being correctly formatted.

3. Sales Order Update

The system now skips the order number and the stock order check box when adding or updating orders.

Tuesday, 05 March 2013

1. Scales Interface

Extension of scale interface to record weight information and post events to weight entry points.

2. Raw Material Transactions (Sales, Adjustments, Issues & Returns)

The basic raw material transaction entry screens have been changed to implement the digital scale interface. When the weight event is received, the weight is displayed and the field that received the weight is highlighted for 2 seconds.

3. Sales Order Despatch

As for the raw material section, the weight information from the scales is recorded into the gross weight point for each box with the entry point highlighted for 2 seconds. The net weight is automatically calculated from the gross weight and the box tare weight.

4. Raw Material Stock Take

The raw material stock take has now been interfaced with the digital scales.

5. Process Materials Issue & Return

The process materials issue and return options have been updated to include the digital scales interface.

6. System Parameters

The option to enable the store level appropriation has been enabled.

Monday, 04 March 2013

1. Scales Interface

Development of basic digital scale interface with recording of weight history.

Friday, 01 March 2013

1. Raw Material Appropriation (Automatic)

The raw material appropriation has been re-engineered to allow for store level appropriation. The system now checks the product for a store and if not found uses the store as set in the system parameters. Raw materials are then allocated against the batches in that store.

2. Raw Material Issue & Return

The raw material issue and return options have been amended to incorporate the adjustments required for store level appropriation.

3. Store Batch Browse

The store batch browse now correctly re-displays the quantity information on return from adjustment and sale transactions.

4. Process Raw Material Issue & Return

The process raw material issue and return options have been amended to incorporate the adjustments required for store level appropriation.

5. Process Raw Material Issue (Auto.)

The automatic raw material issue option used during processing of works tickets has been updated to incorporate the adjustments required for store level appropriation.

6. Product Update

As a final part of the store level appropriation, products can now be assigned to a specific raw material store. The requirements for orders for each product are then assigned automatically to the raw materials available from that store. The manual appropriation process can still be used to allocate differently.

TM2 Development – February 2013

Thursday, 28 February 2013

1. System Parameters

A new option has been added to the system parameters raw material appropriation section to 'Use store level appropriation'. This will switch on the option to allocate raw material requirements to the store batch level rather than the batch.

2. Raw Material Requirements

The raw material requirements browse window has been changed to include an store batch allocation where that option is enabled in the system settings. All options in the window for allocation and clearing of batches have been amended to allow for this option. The browse list itself will display store and location of the selected batch.

These options are only provided where 'Use store level appropriation' is enabled and they replace the batch options.

3. Product Find

A new 'Find' option has been added to the product browse list. This will allow the finding of information in the product record and any second level linked files.

4. Sales Update – Social Network

The social network section has two new icons added to the list (Pinterest & Skype)

5. Raw Material Appropriation (Automatic)

A problem in the raw material appropriation where certain items were not being allocated to a batch has been corrected. This was caused by incorrect checking of the appropriation status flag.

Wednesday, 27 February 2013

1. Purchase Order Status

The purchase order status check was not returning the correct result when the quantities had NULL values. This has been corrected.

2. Ticket Allocation Print

The ticket allocation print was not coping properly with the presence of different size ranges on a single order. The size range is now checked and printed by product on the order.

3. Dictionary Changes – Store Level Appropriation

Changes have been made to the following tables to prepare for store level appropriation:

Control, ProHead, RawRequire

Tuesday, 26 February 2013

1. Raw Stock Update

The reference field is now included as the first option in the 'File As' drop list.

2. Capacity Overview

The capacity overview has a new refresh button that is used to build the statistics. The stats are not constructed on opening the window allowing the setting of parameters prior to the build routine.

Friday, 22 February 2013

1. Sales Order Processing

A check for increment and variance was causing a crash if the variance on an OD was set to zero. This has been fixed by forcing the variance to 1 if that situation arises.

2. Product ODM Update

The product ODM update process has been changed to ensure that a variance of (0) zero cannot be recorded where an increment is entered.

3. Sales Order ODM Update

The sales order ODM update process for both product and colour level has been changed to ensure that a variance of (0) zero cannot be recorded where an increment is entered.

4. Ticket Allocation Print

The ticket allocation print process has been changed to check for the 'ThisFactoryID' and print the return address accordingly using the system setting if none is specified.

5. Stock Value Listings

The stock value listing reports now take account of the quantity limitations set on the options tab.

Wednesday, 20 February 2013

1. Sales Order Turnover

A new button has been added to the sales account update window to the right of the turnover field. Click this button to display a list of the turnover by order and invoice for each year.

2. Sales Account Browse

The sales account browse list now has an option to hide the Turnover figure. Right click to display.

3. Sales Account Browse Icons

The sales account access to the invoices and credit notes is now available using the icons on the toolbar.

4. Sales Invoice Update

The sales invoice update procedure has been updated to operate correctly for invoices being added manually. The sales account selection was not filling out the invoice fields from the account.

5. Product Works Order (Layout 4)

The product name field has been changed to a TEXT field to enable word wrapping for long product names - portrait & landscape options.

6. Sales Order Confirmation

The sales order confirmation and order balance now excludes any cancelled items from the print. All layouts.

7. Ticket Allocation Print

A new layout has been added for outworker processing. The new layout (layout 2 option) includes postal information for separate cut-off.

Tuesday, 19 February 2013

1. Process Transaction Update

The process transaction update window has been reformatted to include the ticket manufacture product details as well as the order product information.

2. Process Transaction Update

The personnel entry field has been changed to a combo drop box to operate in the same way as during transaction recording.

3. Raw Material Batch Listings

All of the raw material batch listings have been changed to include the raw material stock information as a header and a subtotal at the foot of each raw stock record.

4. Yarn Exchange

Development of the yarn exchange interface to TEMACS SQL has now been completed.

5. Finished Goods Stock Listing

The finished goods stock listing was not properly printing the quantity information. Each option was printing the current quantity. This has been corrected.

Monday, 18 February 2013

1. Ticket Allocation Print

A new option has been added to the ticket allocation print to allow exclusion of the ticket boxes from the print.

2. Process Transaction History

A new option to view all process transactions has been added to the History menu. A right click option on this also allows the viewing of only transactions that have not been allocated to a personnel member. This setting is remembered from session to session.

Saturday, 09 February 2013

1. Finished Goods Store Adjustment

A new option has been added to the finished goods store adjustment to allow the adjustment into stock where there is no stock currently. Above the list box of current stock locations there is not a check box to identify that the store location is not shown in the list. Ticking this option allows you to specify a completely new store location.

2. Purchase Order Browse

The status column of the purchase order browse was not displaying delivered and part delivered orders correctly.

3. Raw Stock Requirements Browse

The raw stock requirements browse list has a new right click menu option to allow viewing of outstanding requirements only. This option is remembered from session to session.

Thursday, 07 February 2013

1. Ticket Advance Quick

Completion of new quick ticket advance processing. Completed transactions are now written to the QuickLog.TSC file for processing by the standard scan processing interpreter.

2. Scan Processing Interpreter

Development of the scan processing interpreter to update the ticket transactions that have been previously generated by a flush transaction. Personnel information is updated and the date and time of the transaction corrected from the input data.

3. Concession Processing

Development of the despatch processing section to include concession store processing. The concession flag on the sales account controls the initial setting on the despatch but this may be set by the user at despatch stage. Selection of store by drop list.

Processing of the concession despatch generates the despatch as normal but also passes the stock into store to make tracing of the customers' concession stock possible.

Wednesday, 06 February 2013

1. Ticket Advance Quick Processing

Development of a new process to speed the input of personnel work and the accurate recording of manufacture production. Memory queue used to record the date, time, personnel operation and ticket or works order being processed.

Ticket data entry may be entered in short as 'w4256' for a works order or simply the number for a ticket with the system automatically validating the information and formatting the data correctly.

Development of drop combo data entry for personnel and operation which is not normally available. This speeds the accurate personnel data selection.

TM2 Development – January 2012

1. Personnel Management Time Clock

Development of the time clock data capture procedures that feed the clocking information to the personnel management section. Although only one physical time clock system is currently supported the data import / capture processes have been designed to form a basis for data capture from any RS232 serial or IP source that can send packet information to the data capture module.

2. Personnel Management Reports

Development of a number of reports to support the time clock data capture and personnel management processes. The system now allows for flexi-time working within a range selected on the shift pattern and these reports also support that.

Personnel On-Site
Personnel Clock Summary
Personnel Attended Hours

3. Sales Order Work Content

To improve the visibility of production labour requirements for orders that have not yet been processed into ticket form and to assist in the delivery forecasting a new right click option has been added to the sales order browse list to calculate and display the work content of the products that will need to be manufactured.

4. New Order Work Summary

Following on from the sales order work content option above a new report has been added that calculates and reports on the work content for each of the selected operations for orders that have not yet been processed into ticket form. Options are provided for units, SMS times or SMS values as with the normal production WIP reports allowing this report to be used in conjunction with the WIP reports to analyse the complete work content for a delivery period should all orders come into production.

TM2 Development – December 2012

1. Finance Order Book Summary

Development of the order book summary report to provide a summary of the order values for each period with the associated raw material, labour and overhead costs and margins to be summarised into groups by raw material, country, analysis, season etc.

2. Finance Production Summary

Development of the finance production summary report. The production summary provides an analysis of the work in progress depending on its current location in the production process in relation to specific costed 'gates'. The labour aspect of the cost is averaged over

the work content of the operations between each of these 'gates' to return an average cost for the products in that sector of production.

Options within this selection window allow for selection of the report for work in progress and also an option to calculate the costed value of work that has completed production and is now in the orders awaiting delivery area.

3. Finance Invoice Summary

Following on from the order book and production summary reports the invoice financial summary has been developed to provide an analysis of the invoiced values for any period along with the associated costs of production whether raw materials, labour, other direct materials or overheads.

4. Finance Credit Summary

Development of the credit summary mirroring the information on the finance invoice summary.

5. Personnel Management

Development of the personnel management display to assist with the recording and reviewing of personnel attendance information. This process uses the information from the personnel and shift pattern tables to display the expected and actual weeks clocking information for each member of personnel.

TM2 Development – November 2012

1. Raw Material Valuation

Development of the raw material reporting procedures for valuation. These have been added to the raw material listing report.

2. Finished Goods Valuation

Development of finished goods valuation reports.

3. Work In Progress Valuation

Development of the work in progress valuation to access the raw material cost, ODM cost and labour SMS costs from the products related to the stage in production that each ticket has reached. The system also provides an option to value based on a percentage of the sales price of the product on the ticket based on the percentage rate held at the stage in production that it has reached.

TM2 Development – October 2012

1. Production Work in Progress

Development of the main work in progress and month production summary reporting procedure. This user definable report takes the information for tickets manufactured or still to manufacture for the selected delivery month range and provides detailed quantity and standard minute analysis of the work content based on the information recorded in the costings for each product.

Because of the number of process stages the system allows the operations that are to be analysed to be user definable. To improve this over the old TEMACS system the system now allow the maintenance of any number of pre-defined operation lists so that one department can easily define and recall the information that they require for their specific copy of this report.

2. Product Work In Progress - Machine / Frame

As for the production work in progress report above but providing a level of detail related specifically to the knitting stage of manufacture, this report summarises the information by the machine or frame that is used for manufacture. As for the WIP report above the whole operation / machine / frame selection is user definable.

3. Daily Activity Reports

Development of a number of daily activity reports to summarise the information for transactions carried out over a date range:

Daily Activity

Daily Activity (Frame)

Daily Activity (Un Allocated)

TM2 Development – September 2012

1. Ticket Material Issue & Return

Development of the works order and ticket raw material issue and return procedures using parts of the raw material issue and return transaction processing sections this option makes the issue and return of raw material stock allocated to the products being manufactured on a works order much more accurate and rapid.

2. Ticket Daily Activity View

Development of a daily activity summary view procedure to provide summary information relating to the production of work tickets during the selected date range period. Work is assigned to each working hour of the day to show the production and efficiency of each department.

3. Image Library

Development of an image library to maintain images related to each product. Development of the tree structure selection list and associated toolbox to display the images associated

with each branch of the tree. User definable image layout and sizing and any number of images per product.

4. Image Library Tagging

Development of an image tagging process allowing images to be selected at product and colour data entry stage with the tree structure being automatically generated based on the season and product type.

5. Image Library Display

Development of an image browse window that will display and allow zooming of the full size image rather than the thumbnail image displayed in the normal toolbox window.

TM2 Development – August 2012

1. Ticket Split

Development of the ticket split processing for the splitting of items from a works order or ticket. A variety of options are provided to allow separation from the existing works order, allocation to a new works order or simply the splitting of the ticket. Transaction processing for the split ticket so that previously assigned work is allocated according to the quantity proportion split from the original ticket including payment details.

2. Ticket Allocation

Development of ticket allocation procedures for the allocation of work to suppliers or outworkers where the ticket is to be processed through certain stages out with the normal factory processing. Generation of the works order and selection windows for the printing of the works stationery for the order.

Also the return processing to book back in the works orders on return from the supplier or outworker to return the work order back into normal factory processing.

3. Ticket Payment

Following on from the ticket booking out and back in, additional processes have been added to the procedure to provide a unified allocation and payment procedure. Generation of the additional payments and transaction processing to generate the payment data for personnel wage and tax reporting.

4. Ticket Weighing

Development of ticket weighing procedures for the weight recording of tickets as they are processed through the factory. Development of pre-wash, pre was trim and post wash weighing data update processes.

TM2 Development – July 2012

1. Ticket Processing

Development of a central area from which all manual aspects of the ticket processing will be carried out. Tested various strategies for this process and resulted in a single window with options to select based on standard ticket, work order and knitting order groupings whilst allow the grouping of the tickets for transaction processing by ticket, size, colour, product, order, works order or knitting order.

2. Ticket Advance

Development of the main manual ticket advance window and transaction procedures. The transaction processing for this process being crucial to redevelopment of the system as the requirement was to develop a generic ticket advance transaction update procedure that could be called from other areas of the system where ticket transactions are advanced without having the write numerous procedures.

3. Ticket Return

Development of the manual ticket return procedure and window. As for the ticket advance process it is crucial that this procedure be reusable from anywhere in the system that ticket returns from one stage in the production process to another need to be carried out.

4. Ticket Advance & Return

Development of a unified window for the advance and return of works tickets where this is required. Mainly using the update procedures from the previous two advance and return transactions.

TM2 Development – June 2012

1. Raw Material Substitution

Development of the raw material substitution process as a screen and update transaction. Also added automated raw material substitution options to the main raw material file and the sales order processing sections to allow for raw stocks that have been allocated to product recipes to be automatically substituted if the original material is no longer available.

2. Finished Goods Sales & Returns

Development of the windows and transactions for finished goods sale and return processing that is required out with the normal TEMACS sales order processing procedure.

3. Finished Goods Adjustments

Development of adjustments procedures for finished goods.

4. Finished Goods Transfers

Development of procedures for the transfer of finished goods stock from one location to another. Two procedures have been identified as being required for this, one being a store to store selection to allow the quick transfer of products via from and to store stock lists, the other allowing selection of the product with selection of the store to transfer from and to from that point.

5. Finished Goods Stock Taking

Development of the finished goods taking process including snapshot processing, export to and import from Excel and stock take update and transaction processing. This process has mirrored the raw material process and shares some code in the generation of data to and from Excel. Again this provides a much improved facility for the user and will greatly speed the stock taking process in the factory.

TM2 Development – May 2012

1. Raw Material Issue & Return (Automatic)

The issue and return code used in the manual issue and return options has been ported to functions that can be called by the other areas of the system to allow for the automated issue and return of materials as works tickets and order progress through the system via barcode scan processing. This will need to be tested once the scan processing is complete.

2. Raw Material Sales & Adjustments

Development of update windows and transactions for processing of raw material sales and adjustments.

3. Raw Material Stock Taking

Development of the raw material stock taking process including snapshot processing, export to and import from Excel and stock take update and transaction processing. The stock take processing that used to involve multiple procedures has been incorporated into a single massively simplified process allowing specific sections of raw materials or specific stores to be in stock take at the same time as processing continues in the factory.

TM2 Development – April 2012

1. Raw Stock Appropriation (Automatic)

Development of the automatic stock appropriation module, porting of all the functions provided in the old TEMACS system to the new SQL structures. Testing and speed optimisation of the appropriation process.

2. Raw Stock Appropriation (Manual)

Extension of the raw material requirement browse list to include the options for allocation of raw material batches to requirements.

3. Raw Material Issue & Return

Development of the new raw material issue and return functions. This development has required extensive testing and amendment to provide a unified raw material issue and return that allows for material issue and return by ticket, size, colour, product, order, works order or knitting order.