TRICORN SYSTEMS
A Valuechain Company

Integrated Manufacturing Software

TRICORN:Production

Production Control System

Designed specifically to meet the needs of manufacturing companies, TRICORN:Production gives you the flexibility to manage your operations from quotations to invoicing. Tricorn's powerful Job Processing system is quick to install and configure allowing customers to be running a fully live system in a matter of days - not months!

ESTIMATING & QUOTING

Job costing estimates can be prepared in detail by including materials, parts and sub-components, work centres, sub-contract and tooling. By providing mark-up percentages for each stage of the build process you can see quickly and accurately how much you should be quoting. Quotes can cover single items, multiple quantities of the same item, multiple items, assemblies or Kits of Parts in any combination.

To speed up the quotation process, new quotes can be copied from previous quotes, works orders or parts templates and copy elements from other quotes or works orders. The quotes can then be emailed directly from within the system to your customer.

A full history of all quotes for each of your customers including acceptance/rejection details can be viewed.

ORDER ACKNOWLEDGMENTS

On winning an order you can easily generate an order acknowledgment and email it to your customer.

PRODUCTION

Works (Production) Orders can be created simply from successful quotes, previous works orders or parts templates. Job Cards (Routers, Travellers) can be printed to your specification and can include information key to the successful completion of jobs including materials traceability. Operations can include notes as well as barcodes for time recording. Materials can be ordered specifically for the works order or for stock (or a combination).

TRICORN:Production can manage multiple delivery batches and consignment stock as well as build-for-stock works orders.

Production parts can be held in Master Templates containing all the materials, processes, timings and sub-contract operations and these can quickly be converted into production (works) orders. Master Templates can be locked to ensure quality compliance.

Time recording for each operation can be achieved via barcode scanners, touch-screens or direct input from the Job Cards thereby enabling you to compare the actual time and cost to the estimated (reports are available in the library to show these comparisons).

Key Features

✓ Job costing estimates including materials, labour, sub-contract, components and tooling.
✓ Create quotes from estimates, previous quotes, works orders or parts templates.
✓ Simply generate multiple quotes with amortisation of set-up costs.
✓ Direct email of all documents via MS:Outlook.
✓ Customer order acknowledgments.
✓ Full traceability for materials and sub-contract treatments.
✓ Comprehensive report library.
✓ Stock management for materials and finished parts including minimum, replenishment and maximum holdings.
✓ Supplier purchase orders for materials, parts and subcontract work.
✓ Export of invoices to Sage, QuickBooks., Xero and other systems.
✓ Attach links to external files (drawings, Certificates of Conformity, NC programs etc.)
✓ Picking lists and delivery notes.
✓ Invoicing, credit notes and pro formas.

Links can be held for work orders or individual processes to drawings, certificates of conformity, NC programs, setting instructions or any relevant file. Progress of active jobs can be monitored with a Work Station Monitor connected directly to the barcode station on the shop floor.

REQUEST FOR QUOTATION

RfQs can be raised to send to multiple suppliers for materials, parts and subcontract activities. Responses can be recorded for future use. A Purchase Order can be raised directly from the selected RfQ response.

PURCHASE ORDERS

PO's can be raised for works orders or stock for the purchase of materials, parts, subcontract and tooling. Goods Inwards can record deliveries against purchase orders with full materials traceability being recorded and print delivery labels. PO's can also be raised for ad hoc items. The currency can be the default or the chosen currency of the supplier.

Certificates of Conformity documents can be attached as links to materials booked in or sub-contract items returned after treatment.

![Tricorn Systems logo] **TRICORN** SYSTEMS — A Valuechain Company

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Purchase Orders can be emailed directly to the supplier via MS:Outlook.

STOCK CONTROL

TRICORN:Production enables you to record the raw materials and components used, together with costs, specifications, locations, quantities in stock and quarantined.

The same data is recorded for finished parts as well as recording the 'owning customer', when items are stocked that are specific to them.

"Stock lists" with valuations can be printed showing the amount of parts in stock and all associated information (works order, traceability etc).

DELIVERY/CERTIFICATE OF CONFORMITY

TRICORN:Production can produce final and interim delivery notes and Certificates of Conformity with full or interim traceability. The documents can be printed and sent with the goods or emailed directly to the customer.

Parts labels can also be printed with key information held in a barcode for subsequent scanning by the customer.

INVOICING

TRICORN:Production allows the production of invoices from delivered batches without the need to re-enter information - thereby precluding additional effort and the risk of error. Invoices can be generated in the default currency or any selected currency.

Invoices can be created individually or en masse for all deliveries (Mass Invoicing) saving even more time and to aid payment receipt, the invoices can be emailed directly to your customer from within the system.

Details of issued invoices can then be exported from TRICORN:Production for import to Sage Line 50, Xero and QuickBooks (optional modules).
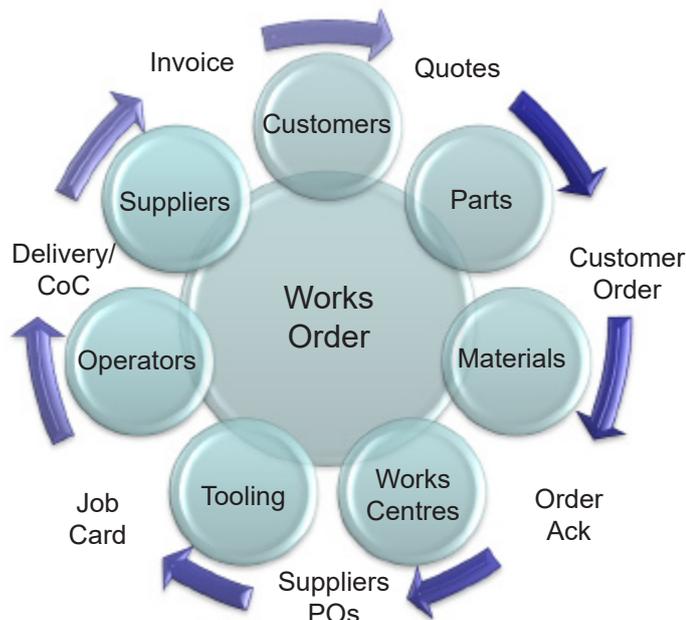
SECURITY & ACCESS CONTROL

TRICORN:Production requires each user to have a userid and password to access the system.

Viewing and document creation and amendment rights are also held in the user database and can only be changed by an administrator of the system.

TRICORN:Dashboard

An optional TRICORN:Dashboard provides a series of KPI charts for business measurement such as customer delivery performance, sales orders by month, machine utilisation, quote to sales order conversion and top "n" customers and suppliers. The delivery performance analytics chart can assist with achieving SC21 accreditation. In addition, tasks lists and alerts/warnings can be shown on the user's dashboard.

Diagram: Works Order cycle — Invoice, Quotes, Customers, Parts, Suppliers, Customer Order, Delivery/CoC, Materials, Operators, Works Centres, Order Ack, Tooling, Suppliers POs, Job Card

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