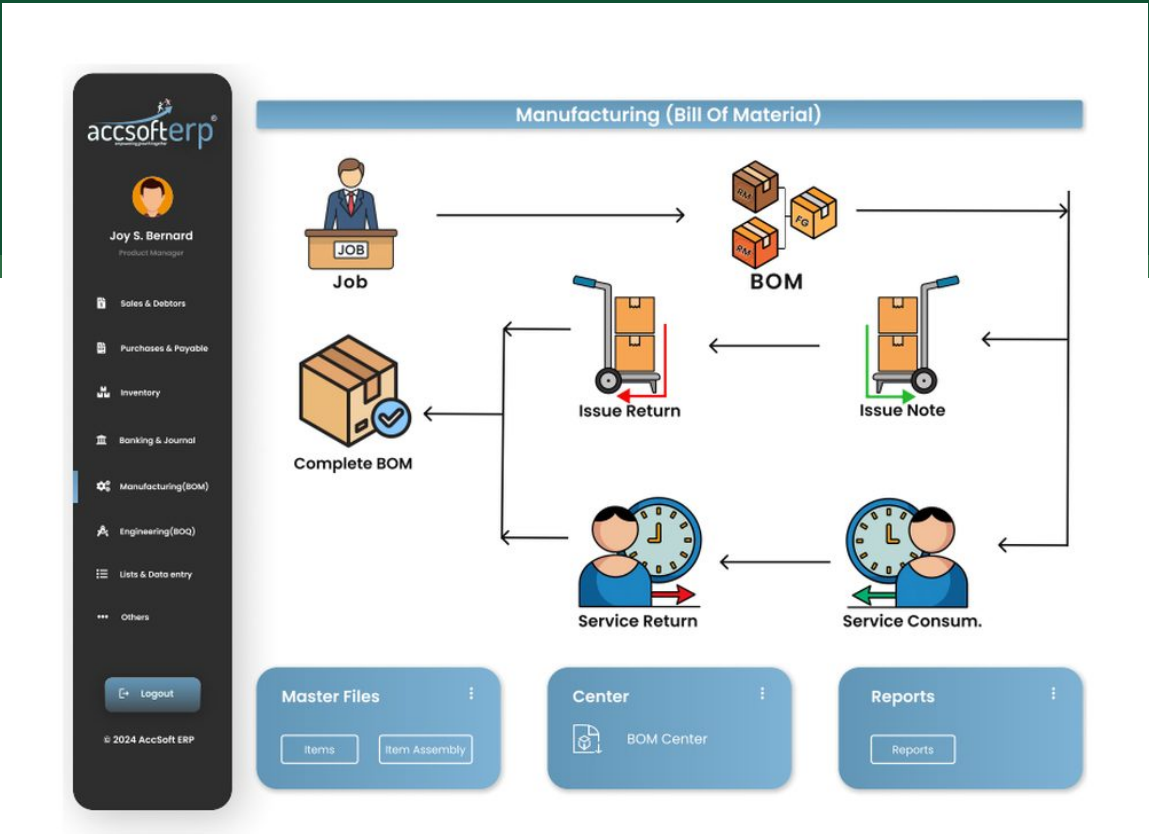


Manufacturing (Bill of Material)

From job to finished goods, with every material and every hour of service accounted for

The Manufacturing module links a customer job to its bill of material, controls the raw materials and services issued against it, and posts finished goods to stock with their true cost. Every document carries an approval level, so nothing is issued, returned or completed without sign-off.



Module dashboard: the production workflow from job to completed BOM, with Master Files, BOM Center and Reports

Approval on every document Jobs, BOMs, issues, returns, services and completion each carry an approval level	True product cost Actual material plus actual service, with variance against standard	Issues and returns Raw materials and services issued to the job, returned to stock when unused	19 reports Job status, BOM issues, actual vs standard, finished goods variance and progress
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The production workflow

Seven documents, one chain. Each is created from the one before it, and each shows its own approval and completion status so production managers can see exactly where a job stands.

1	Job Open a job for a customer, project and stage, with start, complete and due dates. Jobs can be created directly from a sales order.
2	BOM (Bill of Material) Define the finished goods the job will produce and the raw materials it will consume, with standard quantities, rates and costs. One job can carry several BOMs and batches.
3	Issue Note Issue raw materials from a location to the job against the BOM. Stock is drawn down as materials leave the store.
4	Issue Return Return unused or surplus material to stock, with quantities matched back to the original issue.
5	Service Consumption Record labour, machine time and sub-contracted services consumed by the job, so service cost is captured alongside material cost.
6	Service Return Reverse services recorded in error or not performed.
7	Complete BOM Close the BOM, compare actual against standard, and add finished goods to stock at actual cost with Complete & Add To Stock.

Approval control on every document

Manufacturing is where raw material and labour turn into cost of goods, so AccSoft ERP puts an approval level on every production document. User permissions decide who can approve at each stage, and every document shows its Approved / Close status at a glance.

Document	What approval confirms
Job	The job is authorised and costed before any BOM is raised against it
BOM	Finished goods, raw materials and standards are agreed before anything is issued
Issue Note / Service Consumption	Stock and cost move to the job only when confirmed
Issue Return / Service Return	A reversal is checked before it reduces job cost
Complete BOM	Finished goods enter stock at actual cost only after final sign-off

Key features

Jobs and Bills of Material

- Job header with customer, location, Class, project, stage, batch and template
- Start, complete and due dates on every job and BOM
- Separate Finished Goods and Raw Materials grids on the same BOM
- Standard quantity per finished good and raw material line
- Copy lines and Create/View Invoice to bill the customer directly from the BOM
- Do not Reserve Stock and Allow Partial Delivery options per BOM

Service costing

- Record labour, machine hours and sub-contracted services as Service Consumption against the job
- Service Returns reverse services not performed
- Service cost flows into the job alongside material cost for a true finished-goods cost

Sri Lankan tax handling, built in

- VAT and SSCL calculated per line where a BOM or service is billed to a customer
- Amts Inc VAT toggle for tax-inclusive pricing

Material issues and returns

- Issue raw materials against an approved BOM with Select BOM; Receive All pulls every line
- Issue from any location and batch, with MRN and Issue Note numbers for traceability
- Received, quantity-issued and closed quantities visible on every line
- Issue Returns put surplus material back into stock and reduce job cost

Complete BOM and finished goods

- Complete & Add To Stock posts finished goods to inventory at actual cost
- Partial completion supported, with partial variance and progress reports
- Actual vs standard comparison on cost and quantity for every completed BOM

Multi-currency and custom data

- Exchange rate captured on every document
- Custom fields on document headers for job references, machine codes or shift data
- Memo and customer message fields for notes and printed instructions
- Approved, Close, To be Printed, To be Delivered and To be Emailed flags

Bill of Material entry

The Bill of Material screen holds the job, customer, project, stage and batch on one header, with separate Finished Goods and Raw Materials grids below. Complete & Add To Stock closes the BOM and posts finished goods to inventory.

Bill Of Material

✕

Job

Location

Class

Template

Laboratory Equipment Company ▾

1200 - Trade Debtors ▾

Quick Books ▾

BOM ▾

Customer
 Laboratory Equipment Company (Pvt) Ltd
 No. 72, Mahavithyala Mawatha.
 Colombo - 13

Start Date
 14-01-2025 ▾

Complete Date
 14-01-2025 ▾

Ship To

Project

Stage

BOM No

Due Date

Batch

Main ▾

▾

▾

14-01-2025 ▾

▾

Finish Goods

Item	Description	Qty
1	Laboratory Workbench 1800mm with Reagent Shelf	2
2	Chemical Storage Cabinet 900mm	1

Raw Materials

Item	Description	Qty
1	Phenolic Resin Worktop 1800 x 750mm	2
2	Epoxy Coated Steel Frame Section	4
3	Reagent Shelf Assembly 1800mm	2
4	Hex Bolts M8 x 40mm (box of 100)	1
5	Powder Coat Paint RAL 7035 5L	1
6	Adjustable Levelling Feet	8

Copy

Create/View Invoice

☐ Approved
 ☐ Close
 ☐ To be Printed
 ☐ Do not Reserve Stock
 ☐ Allow Partial Delivery

Memo
 Quick Books Service maintenance fee for the period

Complete & Add To Stock

Save & Close

Save & New

Clear & New

Bill of Material with Finished Goods and Raw Materials grids showing item, description and quantity

Issuing materials and services

Issue Materials and Issue Note screens pull lines from the approved BOM with Select BOM, record the location, batch and MRN number, and track issued and closed quantities per line. The same layout is used for Issue Returns and Service Returns.

Issue Materials

Job

Laboratory Equipment Company

BOM

1200 - Trade Debtors

Class

Quick Books

Template

BOM Issue Service Return

Customer

Laboratory Equipment Company (Pvt) Ltd
No. 72, Mahavidhyala Mawatha,
Colombo - 13

Quo No

M 46572

Date

14-01-2025

Ship To

Location

Main

Batch

MRN No

Pay Method

Custom Field

(2) Two User

Issue Note No

Term

Due Date

14-01-2025

Ship Date

14-01-2025

Ship Via

Item	Description	Qty
1	Phenolic Resin Worktop 1800 x 750mm	2
2	Epoxy Coated Steel Frame Section	4
3	Reagent Shelf Assembly 1800mm	2
4	Hex Bolts M8 x 40mm (box of 100)	1
5	Powder Coat Paint RAL 7035 5L	1
6	Adjustable Levelling Feet	8

Select BOM

Receive All

Show BOM

☐ Approved
 ☐ Closed
 ☐ Amts Inc VAT
 ☐ To be Printed
 ☐ To be Delivered
 ☐ To be Emailed

Exchange Rate

1

Memo

Quick Books Service maintenance fee for the period

Customer Msg

Save & Close

Save & New

Clear & New

Issue Materials against an approved BOM: item, description and quantity per line

Master files and BOM Center

Items and Item Assembly

- Items: one item master shared with Inventory, Purchasing and Sales, so raw material cost and finished goods price stay in sync
- Item Assembly: define standard bills of material once and reuse them on every job

BOM Center

- Every job, BOM, issue, return, service and completion for a customer or job on one screen
- Completion status and cost to date at a glance
- Drill down to any document from the job

Reports

Nineteen ready-made manufacturing reports, filterable by date range, job, customer, location and Class, and exportable to Excel and PDF.

Jobs and production (10)

Jobs

- BOM Job List
- Job Summary Report (All)
- Job Summary Report (Completed)
- Job Summary Report (UnCompleted)
- Job Status Report (BOM)

Bills of material and issues

- BOM Details
- BOM Issues Summary
- BOM Issues Details
- Production Note Summary
- Production Note Details

Costing and variance (9)

Actual vs standard

- BOM Actual Vs Standard (All)
- BOM Actual Vs Standard (Completed)
- BOM Actual Vs Standard (UnCompleted)
- Cost Variance Report (Partial)

Finished goods and progress

- Finished Good Variance Report
- Finished Good Variance Details Report (Partial)
- Partial Finished Good Variance Details Report (Completed)
- Finished Good Progress Report (Partial, UnCompleted)
- Working Progress Report (BOM)

Why AccSoft ERP for manufacturing?

Fully integrated	Raw material issues draw down Inventory, purchase costs flow in from Purchases & Payables, finished goods feed Sales & Debtors, and every posting lands in the General Ledger, with no double entry.
True product cost	Material, service and variance are captured per job, so you know what each finished good actually cost, not just what it should have cost.
Controlled production	Approval levels on every document mean no material leaves the store and no finished good enters stock unchecked.
Built for Sri Lanka	VAT, SSCL and local document formats are standard, not add-ons.
Proven since 1998	AccSoft Solutions has supported Sri Lankan businesses for over 25 years, with more than 5,000 installations.

Who uses this module

- Food, beverage and FMCG producers running batch production
- Garment and textile factories tracking material per style and order
- Furniture, joinery and metal fabricators building to customer order
- Electrical, electronics and assembly plants with multi-level BOMs
- Printing and packaging companies costing jobs with material and machine time
- Any workshop that needs actual cost against standard for every job

Frequently asked questions

Which manufacturing documents require approval?

All of them. Jobs, BOMs, issue notes, issue returns, service consumption, service returns and BOM completion each carry an approval level, and user permissions control who can approve.

Can one job have more than one BOM?

Yes. A job can carry several BOMs and batches, each with its own finished goods, raw materials and completion status.

How is finished goods cost calculated?

Actual raw material issued, less returns, plus actual services consumed, less returns, are accumulated on the job. On completion, finished goods are added to stock at that actual cost and the variance against standard is reported.

Does the system support partial completion?

Yes. A BOM can be completed in parts, and the partial variance and progress reports track what is done and what remains.

Can we bill the customer from the BOM?

Yes. Create/View Invoice raises the customer invoice directly from the BOM, with VAT and SSCL applied per line.

Are standard bills of material reusable?

Yes. Define them once in the Item Assembly master and pull them into any job with Select BOM.

See Manufacturing (BOM) in action

Book a free demo and we will walk your production team through a complete job, from BOM and material issue to service costing and finished goods, using your own items and assemblies.

erp.lk | AccSoft Solutions (Pvt) Ltd, Colombo, Sri Lanka