



EPICOR
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A Vertical ERP Solution for Garment Manufacturing





Venus is specially designed for
Apparel & Garment Industry

It is the culmination of
over 20 years of Epicor implementation for
Apparel & Garment Industry



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Operational View

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- Sales Order Management
- Production Planning
- Fabric & Accessory Planning
- Procurement Management
- Fabric Cut & Yarn Planning
- Shipping Arrangement
- Shopfloor (MES) Management
- Financial Management

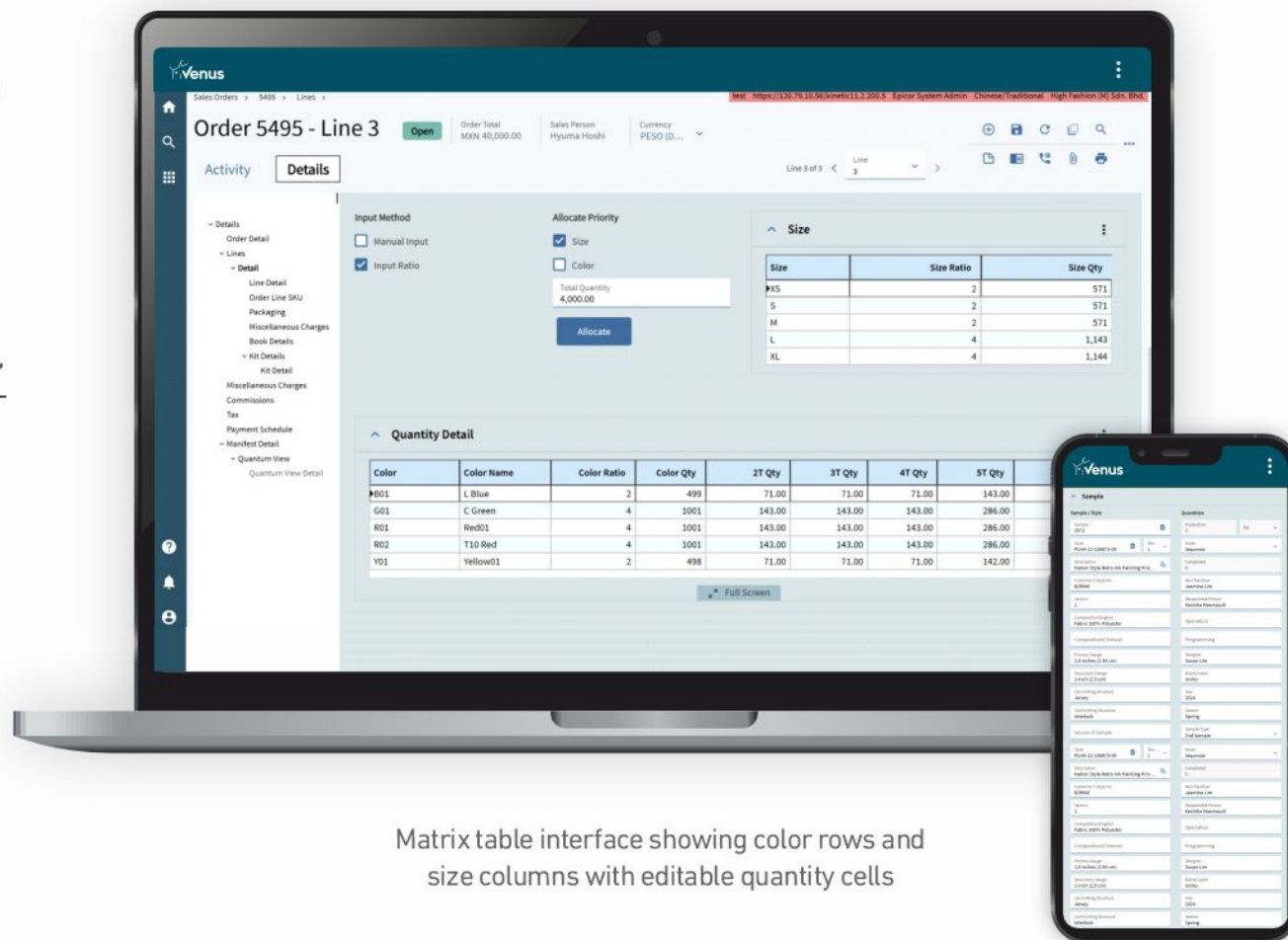
- Sample Management
- Multi-Dimensional BOM
- Streamlined T&A Management
- Intuitive Color/Size Table Entry
- Smart Job Order Consolidation
- Smart Fabric Planning Workbench
- Advanced Fabric Cut Marker Planning
- Complete Shopfloor Management

What is Venus?

Venus is a purpose-built ERP vertical solution developed by iTTG, leveraging the powerful Epicor ERP platform. It is specifically designed to address the complexities and unique workflow requirements of the garment manufacturing industry.

From the early stages of sample development and cost estimation, through to fabric planning, production management, subcontracting, shipping, and financial consolidation, Venus provides an end-to-end system that brings visibility and control across your operations.

Unlike generic ERP systems that require costly customization, Venus comes with pre-configured modules tailored to industry best practices. This reduces implementation time, minimizes errors, and empowers teams with features that truly fit the garment production lifecycle.



Matrix table interface showing color rows and size columns with editable quantity cells

“Venus isn't just an ERP system. It's a garment industry expert, built into your workflow.”

A clean, organized view of sample versions with clear status indicators — helping teams manage approvals effortlessly.

Generic ERP	Venus ERP
<ul style="list-style-type: none"> • Built for general business process automation • Manual entry or Excel workaround for size/color handling • No support for sample workflows • Requires customization for fabric planning • Difficult multi-site scheduling • Limited localization and compliance features 	<ul style="list-style-type: none"> • Tailored for garment manufacturing processes • Built-in matrix order entry (size/color) • Integrated sample and tech pack management • Automated fabric & accessory planning • Native multi-factory coordination • Supports global compliance and reporting

Why Generic ERP Falls Short — and How Venus Excels

The Limits of Standard ERP

Standard ERP systems are not built for the fast-moving, detail-driven world of garment manufacturing. From handling size/color breakdowns to managing fabric rolls and sample approvals, manual workarounds are often the only option — until now.

What's more, these manual processes often lead to disconnected data, delayed production cycles, and higher operational costs. Without a system that understands the language of garment production, businesses risk losing both efficiency and competitiveness.

Venus Solves This with Built-in Intelligence

Venus addresses the specific challenges of garment manufacturing with built-in intelligence and automation. Designed by experts who understand both ERP and fashion production, it delivers practical tools that eliminate guesswork and streamline complex tasks.

- Automated costing from sample to bulk
- Color/size-based BOM and MRP
- Real-time tracking of work-in-progress
- Multi-factory production planning
- Language and tax compliance for cross-border operations

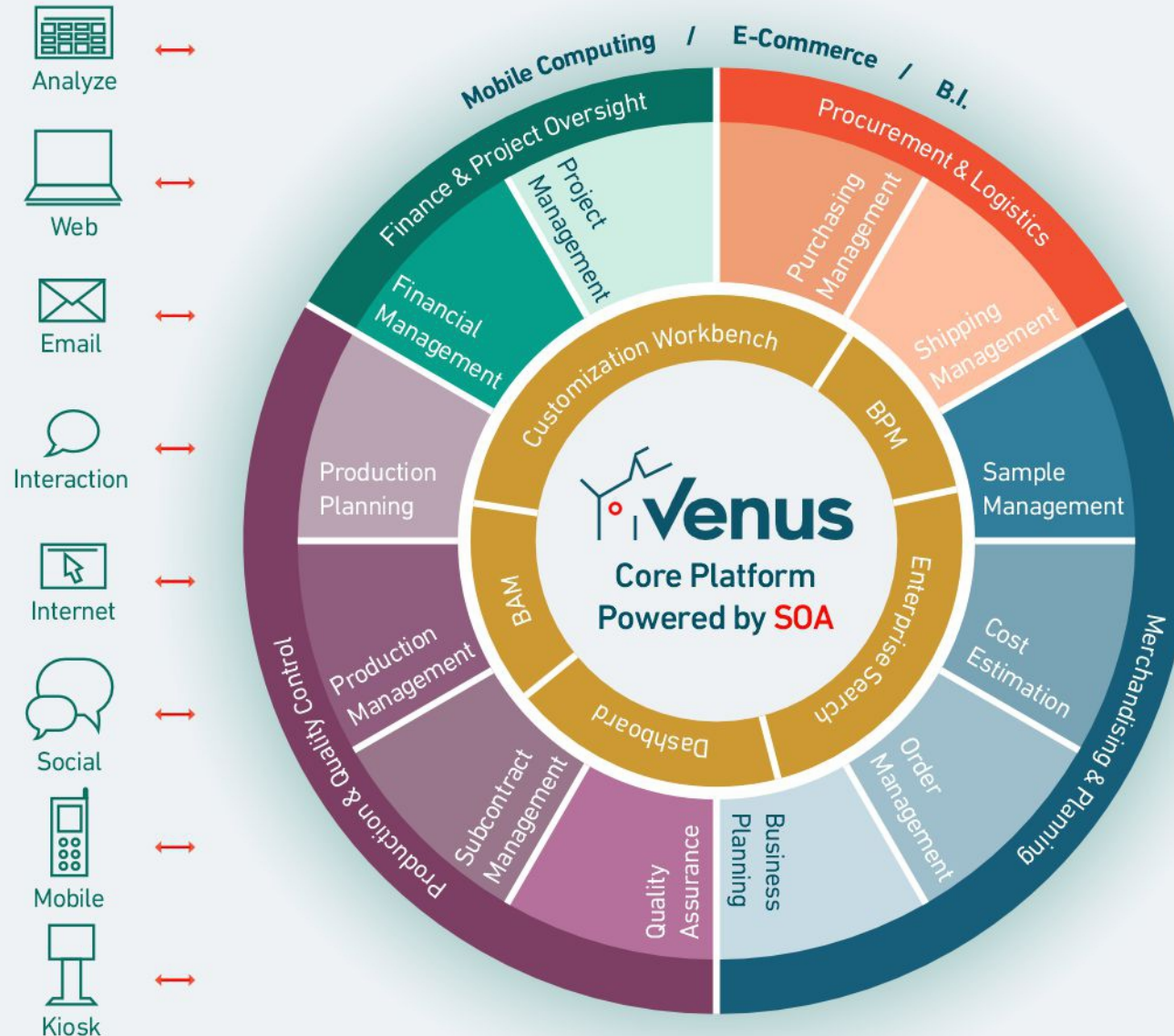
Key Benefits to Your Business

Venus not only solves operational challenges—it also delivers tangible benefits that drive business growth. Whether you are managing a single factory or a global network, Venus empowers you to work faster, smarter, and with greater confidence.

- **Speed:** Reduce lead time from development to delivery
- **Accuracy:** Minimize manual entry and eliminate costly errors
- **Efficiency:** Improve collaboration and automation across departments
- **Control:** Centralize information for real-time decision-making
- **Scalability:** Easily expand across regions with built-in multi-company features



Venus ERP: A Fully Connected, Layered Architecture for Garment Manufacturers



A Layered Architecture Built for the Garment Industry

Venus ERP is purpose-built with a layered design that mirrors how modern garment businesses operate — from core technology to peripheral integration. Each layer plays a distinct role in delivering speed, visibility, and adaptability across the organization.

Core Foundation: SOA

A flexible, scalable architecture that connects every part of the system and supports future growth with seamless integration.

Platform Capabilities

Essential tools like customization, workflow automation, and dashboards that help users work faster, smarter, and with real-time insight.

Functional Modules

Industry-specific logic designed to handle daily garment operations with accuracy, consistency, and efficiency.

Extended Capabilities

Mobile, e-commerce, and BI tools extend ERP functionality to anywhere, keeping teams agile and informed.

Peripheral Integration Areas

Touchpoints like web, email, mobile, and kiosk connect Venus with people, partners, and platforms across the supply chain.



○ Sample Management

Laying the Foundation of Every Garment

Sample creation is the heart of every fashion collection. It sets the tone for design, costing, and production. But managing sample revisions, approvals, and timelines across departments can be chaotic — especially when relying on spreadsheets or disconnected systems.

Venus Sample Management offers a centralized, digital workspace for your sample lifecycle. From version tracking to tech pack collaboration, Venus accelerates approvals, improves accuracy, and boosts cross-team coordination.

- **Multi-Version Tracking** — Keep full history of design changes with instant visibility.
- **Integrated Tech Pack Builder** — Attach fabric details, measurement specs, sketches, and remarks.
- **Approval Workflow Automation** — Send samples through defined steps (internal + customer-facing).
- **Real-Time Sample Status Dashboard** — Track where each sample is, who is reviewing it, and next actions.
- **Cross-Team Collaboration** — Design, merchandising, and production teams work on a single platform.

“Before Venus, sample tracking was email-based chaos. Now we know exactly who has what, when.”



○ Cost Estimation & Quote Management

Fast, Accurate, Profitable

In a competitive apparel market, being first with a precise quote can win or lose a deal. Venus takes the guesswork out of cost estimation by linking your style BOM, labor, and overheads into a dynamic costing engine — making every quote faster, smarter, and more accurate.

From initial development to confirmed orders, Venus helps you assess profitability, manage price negotiations, and ensure consistency across multiple cost versions.

- **Auto-Populated Cost Sheets** — Pull data directly from BOM, operations, and supplier prices.
- **Multi-Version Quote Management** — Track revisions, approvals, and negotiation history.
- **Real-Time Margin Analysis** — Visualize margins at the style, color, or order level.
- **Currency Conversion** — Instantly calculate in buyer's currency based on exchange rate.
- **Integrated Approval Flow** — Control cost submission with structured digital sign-off.

“Now our costings are transparent, consistent, and always backed by live data.”



○ Sales Order Management

Precision Meets Productivity

Managing complex sales orders — across multiple styles, sizes, colors, and shipping destinations — is one of the most time-consuming challenges in garment production. Venus simplifies this process with intuitive, matrix-based order entry and built-in logistics coordination, giving your team control and speed without compromise.

From quote confirmation to order approval and allocation, Venus ensures every order is accurate, optimized, and ready for production.

- **Color/Size Matrix Entry** — Input quantities visually using a structured table layout.
- **Ratio-Based Allocation** — Auto-calculate quantities based on predefined size/color ratios.
- **Multi-Port Delivery Support** — Assign and track split shipments to multiple destinations.
- **Packaging Material Calculation** — Automatically generate box and carton details per order.
- **Order Version Control** — Track changes and maintain a clear revision history.

Venus makes order entry 10x faster and gives us confidence that what's confirmed is what gets produced.



○ Production Planning

Efficient, Scalable, Reliable

Coordinating production schedules across styles, factories, and timelines is a constant challenge — especially when dealing with variations in color, size, and delivery dates. Venus empowers production teams with dynamic planning tools, real-time WIP tracking, and integrated dashboards for total visibility and control.

Whether you're handling one factory or multiple global sites, Venus keeps operations synchronized and optimized.

- **Order-Based Scheduling** — Plan production based on confirmed sales orders with color/size detail.
- **Real-Time WIP Dashboard** — Monitor work-in-progress by line, process, or location.
- **Capacity Management** — Allocate production lines based on workload and priority.
- **Barcode/RFID Integration** — Track movement, output, and status instantly from the shop floor.
- **Efficiency Analysis & Alerts** — Identify bottlenecks and productivity gaps as they occur.

“With Venus, our factory runs like a smart machine. We see problems before they happen.”



○ Fabric & Accessory Planning

Balance, Optimize, Execute

Fabric and accessories often represent the largest cost — and the greatest risk — in apparel production. From shortages to overbuying, manual material planning leads to delays and waste. Venus brings order to this process with intelligent allocation, automated requirement calculation, and real-time shortage alerts.

Venus ensures your team always knows what's needed, where it's going, and how to procure it — keeping your production running smoothly and profitably.

- **BOM-Driven Requirement Planning** — Auto-calculate fabric/accessory needs based on confirmed orders.
- **Shortage Alerts** — Get notified in real-time when materials fall below thresholds.
- **Procurement Integration** — Link material planning directly to purchasing workflows.
- **Multi-Site Allocation** — Distribute materials smartly across factories based on availability and lead time.
- **Material Substitution Support** — Easily swap fabrics or trims when original items are unavailable.

“With Venus, we plan fabric with clarity. No more late deliveries or excess inventory.”



○ Procurement

Integrated, Informed, On-Time

Procurement in the garment industry involves juggling lead times, supplier communications, and exact material requirements — often for hundreds of items per season. Venus connects purchasing directly to production needs, helping your team issue orders faster, track deliveries more easily, and avoid shortages or overstocking.

With built-in visibility and supplier coordination tools, Venus ensures your procurement process is proactive, not reactive.

- **Auto-Generated Purchase Orders** — Triggered from material planning and confirmed BOM.
- **Supplier Delivery Tracking** — Monitor PO status, shipment dates, and delays.
- **Price Version Control** — Maintain vendor pricing history and negotiate smarter.
- **Approval Workflow** — Ensure all POs go through proper checks before release.
- **Multi-Supplier Allocation** — Split purchases across vendors for volume, quality, or speed.

“Venus helps us place POs with confidence and follow up less — because everything’s tracked in one place.”



○ Fabric Cut & Yarn Planning

Minimize Waste, Maximize Output

Efficient cut planning and yarn estimation are key to controlling fabric consumption and reducing production costs. Without accurate data and real-time adjustments, businesses risk material shortages, delays, or expensive leftovers. Venus automates and visualizes this process, giving your planning team the tools to get it right the first time.

From cut marker generation to yarn weight forecasting, Venus ensures every meter and kilogram is optimized.

- **Cut Marker Planning Tool** — Visual layout and utilization calculation by style and size.
- **Yarn Consumption Forecasting** — Estimate per color, style, and gauge.
- **Fabric Roll Assignment** — Allocate rolls based on width, shrinkage, and priority.
- **Cut-to-Order Visibility** — Track status from cut plan to cut completion.
- **Wastage Analysis** — Highlight inefficient markers or over-cutting risks.

“Our fabric usage accuracy improved dramatically after using Venus’s cut planner. Less waste, more confidence.”



○ Shipping Arrangement

From Factory to Destination — Smooth and Compliant

Shipping garments to different markets involves precise coordination — from packing lists and carton labeling to multi-port routing and customs documentation. Venus centralizes your shipping workflows, ensuring accuracy, efficiency, and compliance every step of the way.

Whether you're handling FOB, CIF, or consignment models, Venus helps you prepare and track your shipments with confidence.

- **Multi-Port Delivery Planning** — Assign different SKUs or POs to multiple destinations.
- **Container & Carton Allocation** — Auto-calculate packaging based on order specs.
- **Shipping Documents Generator** — Create commercial invoices, packing lists, and export declarations.
- **Logistics Tracking Dashboard** — Monitor real-time status of each shipment.
- **Custom Label Printing** — Generate buyer-specific carton and box labels.

“With Venus, our export process is seamless — no more chasing documents or checking carton lists manually.”



○ Shopfloor (MES) Management

Real-Time Control from Cutting to Packing

Effective shopfloor execution is the difference between smooth operations and daily chaos. Venus brings barcode and RFID technology to your sewing lines, finishing rooms, and packing areas — giving supervisors full visibility into every stage of the process.

Venus MES (Manufacturing Execution System) connects digital planning with physical output, so you always know what's being made, where, and by whom.

- **Barcode & RFID Scanning** — Track pieces, bundles, or finished goods at every workstation.
- **Line Output Monitoring** — Real-time dashboards for supervisors and team leaders.
- **Operator Productivity Logs** — Analyze efficiency, idle time, and throughput.
- **Defect Tagging & QA Feedback** — Record production issues directly from the line.
- **Workstation Routing** — Define process steps and ensure proper sequence.

“Venus brought real-time transparency to our floor. Now our line leaders can act — not just react.”



○ Financial Management

Clear Visibility from Order to Revenue

Venus doesn't just streamline production — it also strengthens your bottom line. With built-in finance integration, Venus helps you control costs, track receivables and payables, and consolidate reporting across multiple companies and currencies. Your finance team gains complete visibility over what has been ordered, produced, shipped, invoiced, and paid.

Whether you're a single-site operation or a global enterprise, Venus ensures your numbers are always in sync.

- **Multi-Currency Invoicing** — Generate and manage invoices in buyer currency with auto FX conversion.
- **AR/AP Integration** — Sync purchasing and sales orders with accounts receivable and payable.
- **Consolidated Reporting** — Real-time dashboards across companies, factories, and regions.
- **Costing vs Actual Analysis** — Compare estimated vs. actual costs across every stage.
- **Financial Compliance Tools** — VAT/GST tracking, audit logs, and document archives.

“Our CFO now sees financial performance by product, client, and factory — all in one view.”

○ Multi-Country Garment Factory Support

Built for Global Operations,
Delivered with Local Expertise

In today's apparel industry, success often depends on seamless collaboration across borders. **Venus is designed to support manufacturers operating across multiple countries, time zones, and regulatory environments** — while remaining intuitive and responsive for local teams on the ground. What makes Venus different isn't just the software — it's the people and knowledge behind it. **With professional service teams based in Hong Kong, Mainland China, Taiwan, and Malaysia, and clients spread across Asia, Europe, and North America, we understand how to deploy and support ERP systems in diverse real-world scenarios.**

Whether you're setting up a new factory in Vietnam, tracking shipments to Europe, or consolidating financials across regions, Venus ensures your operations stay connected, compliant, and competitive.

Regional Enablement Features:

Venus combines robust ERP capability with hands-on regional presence. These features ensure our customers can scale confidently while remaining agile and compliant across every location they operate in:

- Cross-border implementation and training teams in Asia
- Localized support for currency, tax, and compliance in key regions
- Unified dashboards across multiple sites and legal entities
- Experience with regional logistics, subcontracting, and customs practices

“We didn't just choose Venus for the system — we chose it for the team that understands garment manufacturing across borders.”

Operational View – Sample Management

The screenshot shows the Venus Sample Management interface. It features a header with the Venus logo and a sidebar with a 'Sample' menu item. The main content area displays a table of sample versions. The table has columns for 'Sample / Style' and 'Quantities'. The 'Sample / Style' column includes fields for Sample # (2571), Style (PLHA-12-106873-09), Description (Nation Style Retro Ink Painting Prin...), Customer's Style No. (829940), Version (1), Composition (English) (Fabric 100% Polyester), Composition (Chinese), Primary Gauge (1.5 inches (2.54 cm)), Secondary Gauge (1-inch (2.5 cm)), 1st Knitting Structure (Jersey), 2nd Knitting Structure (Interlock), and Source of Sample. The 'Quantities' column includes fields for Production (3), EA (EA), Mode (Sequential), Completed (0), Merchandiser (Jasmine Lim), Responsible Person (Keshika Masmoudi), Speciation, Programming, Designer (Susan Lim), Brand/Label (Uniko), Year (2024), Season (Spring), and Sample Type (2nd Sample).

A clean, organized view of sample versions with clear status indicators — helping teams manage approvals effortlessly.

Practical, Fast, and Familiar

Samples are the creative and commercial backbone of any fashion business. Managing them requires speed, version control, communication, and consistency — all of which Venus **delivers in one elegant interface tailored for garment professionals.**

The Sample Management module in Venus enables **sample creation**, precise **version control**, and **real-time tracking** of sample status. It also captures **detailed production data** and supports streamlined **customer approval workflows**, enhancing collaboration across **design, production, and sales teams.**

Whether you're tracking sample approvals, comparing versions, or coordinating with production, Venus helps you move faster — and smarter.

"I used to chase sample info across files and folders. Now I open one screen and it's all there."

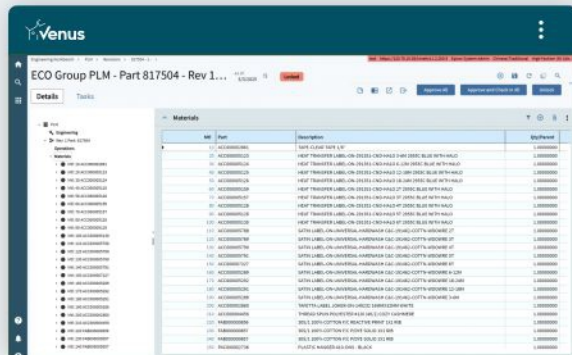
Key Highlights:

- **Visual Version Control** — Manage all iterations in one screen with side-by-side view
- **Integrated Tech Pack Management** — Attach sketches, fabric info, trims, and measurements
- **Approval Workflow** — Real-time status, ownership, and internal/external checkpoints
- **Search & Filter Tools** — Navigate by buyer, season, style, category, or sample type
- **Seamless Handover to Costing** — Push approved samples into the Cost Estimation module

The screenshot shows the detailed sample screen in Venus. It features a header with the Venus logo and a sidebar with a 'Sample' menu item. The main content area displays a table of sample versions. The table has columns for 'Sample / Style' and 'Quantities'. The 'Sample / Style' column includes fields for Sample # (2571), Style (PLHA-12-106873-09), Description (Nation Style Retro Ink Painting Prin...), Customer's Style No. (829940), Version (1), Composition (English) (Fabric 100% Polyester), Composition (Chinese), Primary Gauge (1.5 inches (2.54 cm)), Secondary Gauge (1-inch (2.5 cm)), 1st Knitting Structure (Jersey), 2nd Knitting Structure (Interlock), and Source of Sample. The 'Quantities' column includes fields for Production (3), EA (EA), Mode (Sequential), Completed (0), Merchandiser (Jasmine Lim), Responsible Person (Keshika Masmoudi), Speciation, Programming, Designer (Susan Lim), Brand/Label (Uniko), Year (2024), Season (Spring), and Sample Type (2nd Sample).

The detailed sample screen with tech pack attachments and buyer filters — giving merchandisers everything they need at a glance.

Operational View – Multi-Dimensional BOM for Garment Manufacturing



A full color/size matrix view showing how Venus expands a base BOM into all product variations — reducing manual entry and errors.

Built for Complexity, Designed for Clarity

BOM is the **foundation of garment production**, and Venus provides a **multi-dimensional BOM** to efficiently manage color and size variations. It enables **seamless material mapping** across different styles, ensuring accurate **color and size-specific BOM records**. This structured approach serves as a **critical reference for MRP material planning**, optimizing procurement and production efficiency.

With Venus, you can define, review, and reuse BOMs across styles, seasons, and even factories — with access to a centralized **Component Library**, structured **Material Groups**, and pre-configured **Routing Groups** for fast, accurate setup. — while maintaining total visibility into material costs and consumption.

Key Highlights:

- **Material Group Support** — Group related materials for easy reference and reuse
- **Component Library Access** — Quickly select standardized trims and fabrics across styles
- **Routing Group Templates** — Apply predefined routing sets to speed up production planning
- **Color/Size Matrix Integration** — Automatically expands base BOM across all style variations
- **Visual Component Grouping** — Organize trims, fabrics, and accessories by usage or process
- **Material Substitution Options** — Easily switch components by vendor or availability
- **Layered Routing Support** — Link materials directly to operations and production stages
- **Cost Roll-Up by Dimension** — View cost impact by color, size, or order

“The BOM in Venus isn’t just accurate — it’s smart. It adjusts with every change in design or order.”

^

Material Mapping

Save

Style Color	Material Color	2T	2T Qty	3T	3T Qty	4T	4T Qty	5T ↑	5T Qty	6T	6T Qty	6-12M	6-12M Qty	3-6M
B01	Red	12cm	1.00	12cm	1.00	14cm	1.00	14cm	1.00	16cm	1.00	16cm	2.00	16cm
G01	Navy Blue	12cm	1.00	12cm	1.00	14cm	1.00	14cm	1.00	16cm	1.00	16cm	2.00	16cm
R01	Yellow	12cm	1.00	12cm	1.00	14cm	1.00	14cm	1.00	16cm	1.00	16cm	2.00	16cm
R02	Green	12cm	1.00	12cm	0.00	14cm	1.00	14cm	1.00	16cm	1.00	16cm	2.00	16cm
Y01	White	12cm	1.00	12cm	1.00	14cm	0.00	14cm	1.00	16cm	1.00		2.00	16cm

Full Screen

A focused breakdown of trim groups and routing links — helping users visualize how each material connects to actual production steps.

Operational View – Streamlined T&A Management for Garment Merchandising

Full Visibility from Development to Delivery

Garment merchandising and production involve **many critical tasks**, where missing deadlines can result in **penalties or financial loss**.

Venus **T&A Management** ensures **comprehensive tracking and monitoring** of every task at different production stages. With **predefined T&A templates**, merchandisers can quickly set up schedules, ensuring **efficiency, accuracy, and on-time execution** of all key processes.

Linked to actual sales orders, POs, and production events, your T&A calendar becomes a live operational dashboard — not just a timeline.

Track Unlimited Garment-Specific Tasks with Ease:

- Fit Sample / PP Sample Status
- Fabric Test Report
- Garment Test Report
- Bulk Dye Lot Status
- PP status / TOP status
- Fabric Procurement
- Mill Inspection Report
- Dye Lot To Factory Status

Key Highlights:

- **Style-Level and Order-Level T&A** — Manage calendars across both development and production
- **Predefined Milestone Templates** — Build calendars quickly using client-specific or internal presets
- **Cross-Department Collaboration** — Assign, track, and follow up on task owners across teams
- **Live Status Tracking** — See real-time updates by color status (on time, delayed, completed)
- **Exception Alerts & Follow-Up Tools** — Auto-notify team members when tasks fall behind

The screenshot shows the Venus T&A Calendar interface. It features a sidebar with navigation options like 'T&A', 'Activity', and 'Task'. The main area displays a calendar view with various milestones and tasks, each color-coded to represent its status (e.g., green for on time, yellow for delayed, red for completed).

T&A Calendar interface showing multiple milestones and color-coded status

The screenshot shows the Venus Task assignment and follow-up dashboard. It displays a table with columns for Task ID, Task Name, Status, and various dates. The tasks are color-coded to represent their status, and the dashboard is filtered by style or buyer.

Task ID	Task Name	Status	Start Date	End Date	Due Date	Actual Date	Remarks
EN01	017400	On Time	10/30/2015	10/30/2015	10/30/2015	10/30/2015	
TD01	011577	On Time	10/30/2015	10/30/2015	10/30/2015	10/30/2015	
TD01	020054	On Time	10/30/2015	10/30/2015	10/30/2015	10/30/2015	
EN01	015524	On Time	11/09/2015	11/09/2015	11/09/2015	11/09/2015	
CC0	017782	On Time	12/18/2015	12/18/2015	12/18/2015	12/18/2015	
TD01	013752	On Time	1/1/2016	1/1/2016	1/1/2016	1/1/2016	
EN01	012462	On Time	2/6/2016	2/6/2016	2/6/2016	2/6/2016	
EN01	018440	On Time	2/6/2016	2/6/2016	2/6/2016	2/6/2016	
EN01	012915	On Time	10/7/2015	10/7/2015	10/7/2015	10/7/2015	
EN01	012467	On Time	10/10/2015	10/10/2015	10/10/2015	10/10/2015	
EN01	018892	On Time	11/16/2015	11/16/2015	11/16/2015	11/16/2015	
TD01	010002	On Time	11/8/2015	11/8/2015	11/8/2015	11/8/2015	
CC0	014320	On Time	12/14/2015	12/14/2015	12/14/2015	12/14/2015	
EN01	017380	On Time	12/28/2015	12/28/2015	12/28/2015	12/28/2015	
TD01	017628	On Time	1/17/2016	1/17/2016	1/17/2016	1/17/2016	

Task assignment and follow-up dashboard filtered by style or buyer

Operational View – Intuitive Color/Size Table Entry for Sales Orders

Color/Size Matrix | Smart Entry for Fast, Accurate Order Taking

Venus simplifies sales order entry by allowing users to input **style quantities in an intuitive color/size table format**. This enhances visibility and efficiency when recording or modifying SKU quantities.

In addition to **manual input**, users can leverage **size or color ratio-based allocation**, enabling the system to **auto-calculate and populate quantities**, reducing errors and saving time.

Sales administrators and merchandisers benefit from greater speed and clarity when reviewing or adjusting orders. With fewer manual calculations and easier real-time adjustments, teams stay agile and responsive to last-minute changes — improving communication between sales, planning, and production.

Key Highlights:

- **Style-Color-Size Grid Entry** — Enter orders visually across a matrix
- **Predefined Ratios** — Auto-fill based on size ratio templates
- **Editable Cell Functions** — Copy, paste, and drag-fill across the matrix
- **Live Balance Tracking** — See available-to-promise and open quantity instantly
- **Integrated with BOM & Costing** — Drive downstream logic from confirmed order details

“This matrix entry is brilliant. It’s fast, flexible, and exactly how our team thinks.”

Order 5495 - Line 3

Input Method: ☐ Manual Input, ☒ Input Ratio

Allocate Priority: ☒ Size, ☐ Color

Total Quantity: 4,000.00

Size Table:

Size	Size Ratio	Size Qty
XS	2	571
S	2	571
M	2	571
L	4	1,143
XL	4	1,144

Quantity Detail Table:

Color	Color Name	Color Ratio	Color Qty	2T Qty	3T Qty	4T Qty	5T Qty	6T Qty
0001	L Blue	2	499	71.00	71.00	71.00	143.00	143.00
0001	C Green	4	1001	143.00	143.00	143.00	286.00	286.00
0001	Red01	4	1001	143.00	143.00	143.00	286.00	286.00
0002	T10 Red	4	1001	143.00	143.00	143.00	286.00	286.00
0001	Yellow01	2	499	71.00	71.00	71.00	143.00	143.00

Matrix table interface showing color rows and size columns with editable quantity cells

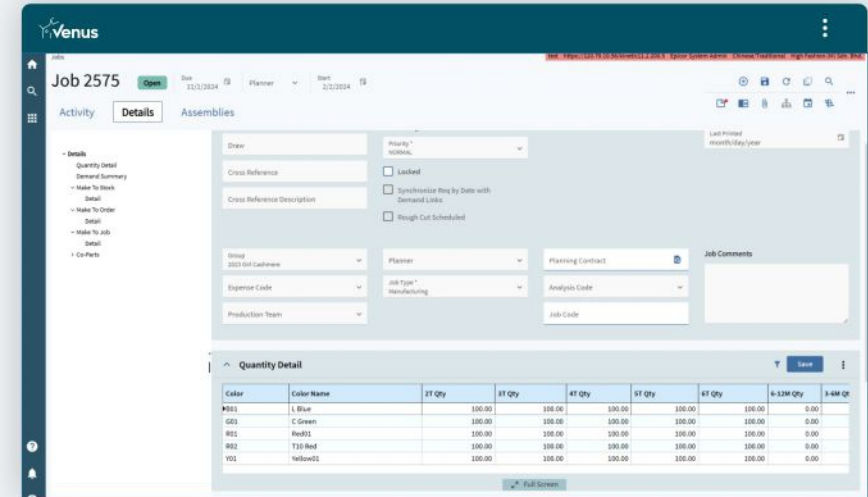
Operational View – Smart Job Order Consolidation for Garment Manufacturing

Optimize Production Without Losing Control

Venus streamlines **production and material planning** by allowing users to **combine multiple sales orders into a single job**, consolidating color and size quantities in an intuitive table format.

The system **automatically calculates material requirements** in the **Job BOM**, ensuring **greater flexibility, efficiency, and accuracy** in planning. This powerful feature **reduces manual effort, minimizes errors, and enhances production efficiency**, making garment factory operations more agile and responsive.

With built-in visibility of available materials and cutting schedules, users can plan confidently without over-ordering or triggering delays. The result is a streamlined workflow that connects sales order management to production execution with clarity and precision.



Key Highlights:

- **Cutting Job Consolidation** — Merge jobs by fabric or style to reduce material loss
- **Process-Based Merging** — Combine orders by operation (e.g. same sewing spec)
- **Packing Logic Control** — Maintain buyer-specific packing while consolidating production
- **Traceability Back to Sales Order** — Every bundle remains linked to the original order
- **Workload Optimization** — Balance line capacity by consolidating low-volume jobs

*Job consolidation screen
with filters by fabric, style,
and destination*

“We used to run small jobs one by one — now we consolidate smartly, and production runs much smoother.”

Operational View – Smart Fabric Planning Workbench for Garment Manufacturers

From Forecast to Roll Allocation, Fully in Control

Fabric is one of the most costly — and most critical — components in garment production. The Venus Fabric Planning Workbench gives planners a powerful, visual interface to estimate, allocate, and track fabric requirements from sample to shipment.

Unlike traditional ERP tools, Venus brings garment logic to life: calculate yardage by style-color-size, account for shrinkage and wastage, assign rolls by warehouse or supplier, and see shortages in real time.

With Venus, your team can finally close the loop between sales, procurement, and production — ensuring the right fabric gets to the right factory, at the right time.

The screenshot displays the 'Fabric Planning Workbench' interface. At the top, there's a table with columns: Job, Part, Req. By, Prod Qty, Start, Due Date, and Description. Below this, there are three main sections: 'Fabric Requirement (for selected job)', 'Material Status', and 'On Hand Stock'. Each section contains a table with columns for Job Number, Part, Width, Length, Qty, U/M, and Required Date. The 'Fabric Requirement' section shows a single row for Job #1123, Part CHP-140, with Width 4.00, Length 10.00, and Qty 400,000.00. The 'Material Status' section shows a table with columns for Job, Part, Width, Length, Qty, U, T, and Part. The 'On Hand Stock' section shows a table with columns for Part, Width, Length, Roll, Qty, UOM, and Lot No.

Key Highlights:

- **Style-Based Yardage Calculation** — Auto-estimate usage across matrix orders
- **Roll-Level Allocation** — Assign fabric rolls to cutting jobs based on width, yield, or origin
- **Real-Time Shortage Alerts** — Flag gaps between order and on-hand inventory
- **Shrinkage & Wastage Control** — Build in percentage buffers automatically
- **Color/Size Grouping** — Visual planning across SKUs with BOM-driven logic

Fabric Planning Workbench displays key details by width, length, job, and inventory — helping planners take action with clarity and speed.

“We don’t just see how much fabric we need — we see where it is, what it’s for, and when it runs short.”

Operational View – Advanced Fabric Cut Marker Planning

Maximize Fabric Utilization, Minimize Waste

Fabric utilization is a major cost and sustainability factor in garment manufacturing. Venus provides a powerful **Fabric Cut Planning Workbench** designed for precision in **fabric cut planning and marker setup**.

Users can define and assign multiple **marker IDs**, mapping each one to size sets, colorways, or fabric types. This enables optimal fabric utilization while capturing accurate yardage and layer requirements for every order.


The system also **automatically generates fabric issue notes and cut orders for the cutting department**, reducing manual handoffs and speeding up operations.

Each marker plan links directly with job orders and BOMs, ensuring traceability and real-time coordination with procurement and production planning.

Key Highlights:

- **Multi-Marker Setup** — Create multiple marker plans by size/color/fabric
- **Fabric Yield Monitoring** — View length per lay and total fabric usage by marker
- **Layer Planning** — Assign layer count per size and roll
- **Marker-to-Job Mapping** — Link cutting plans directly to production batches
- **Auto-Generated Issue Notes** — Send cut order instructions straight to the floor

“The cut marker planner in Venus is what really impressed our factory team — it gave us fabric savings and visibility we didn’t think were possible.”



Company : ITG Consultancy Sdn. Bhd.

User : manager

Cut Plan

Print Date : 18th Oct. 2024

User : 1

Order Number	B1903030	Style No.	206088	Team	A	Date	18 th Oct. 2024
Fabric Description	ART#B091A, POLAR FLEECE 296 g/m ² 73/27% Polyester / Rayon Yarn T/R 20 + 150148 PD 2P			Width	64"	Weight	400 G/Y
Fabric Color	B0020, Blue, Heather INDIGO			Colorway	B1620 Blue Heather INDIGO		

Order Quantity	XXS	XS	S	M	L	XL	XXL	Total
Add	5%	570	1,020	1,150	1,160	600		4,320

	XXS	XS	S	M	L	XL	XXL	Total	Mark Len	Fabric Usage
Marker	H01	1			1					
Layer	580	580			580			1,160	12	13,920
Marker	H02		1	1						
Layer	1,020		1,020	1,020				2,058	12	24,696
Marker	H03				1	1				
Layer	620				620	620		1,240	12	14,880
Marker	H04				1					
Layer	150				150			150	12	1,800
	580	1,020	1,170	1,200	620			4,608		55,296

<

Cut Plan Report — displays marker layering, size breakdown, and fabric usage per marker for full production traceability.

Cut Order Workbench — shows complete size-wise color breakdown, marker cut quantities, and marker ID assignment for live planning and execution

Operational View – Complete Shopfloor Management for Garment Factories

Real-Time Execution & Visibility

Venus provides a **fully integrated shopfloor management system to streamline garment production**. From job ticket generation to inspection, rebundling, and WIP tracking, every step is digitalized and seamlessly connected to your production plan.

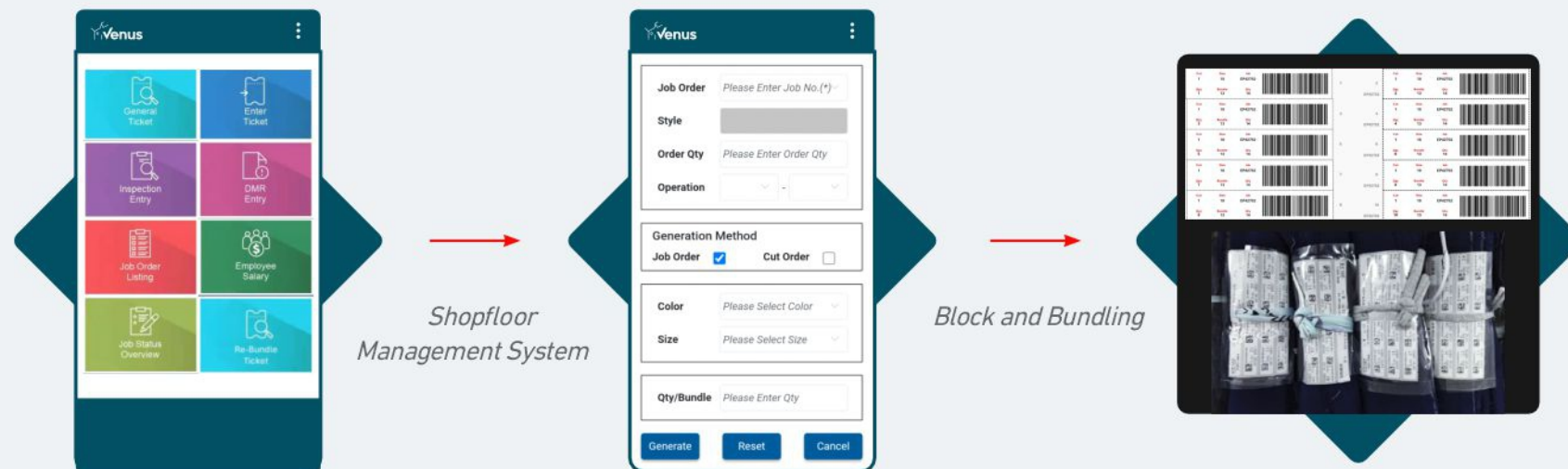
Using a mobile-friendly interface, floor supervisors and line operators can

manage **job orders**, enter production data, and monitor **job status** in real time. Labels are printed and attached to fabric bundles based on the **job order**, enabling full **block & bundling** traceability throughout the shopfloor.

This connected workflow not only increases **data accuracy**, but also boosts **production control** — ensuring timely deliveries and responsive decision-making at every operation station.

Key Highlights:

- **General & Re-Bundle Ticket Generation** — Quickly issue tickets tied to jobs, sizes, and colors
- **Real-Time Job Status Updates** — Monitor progress with up-to-the-minute quantity reporting
- **Visual Label Printing** — Auto-generate bundle labels for seamless WIP tracking
- **Multi-Function Modules** — From inspection and DMR to job listing and employee salary
- **Integrated Barcode Workflow** — Link production bundles to operation routing for traceable movement



Operational View – Complete Shopfloor Management for Garment Factories

Real-Time Updates and Pay Transparency

Workers can **scan barcodes** to report progress, enabling **real-time production status updates** and **automated labor wage calculations**. As each operation is completed, Venus records the output and updates the job's progress instantly.

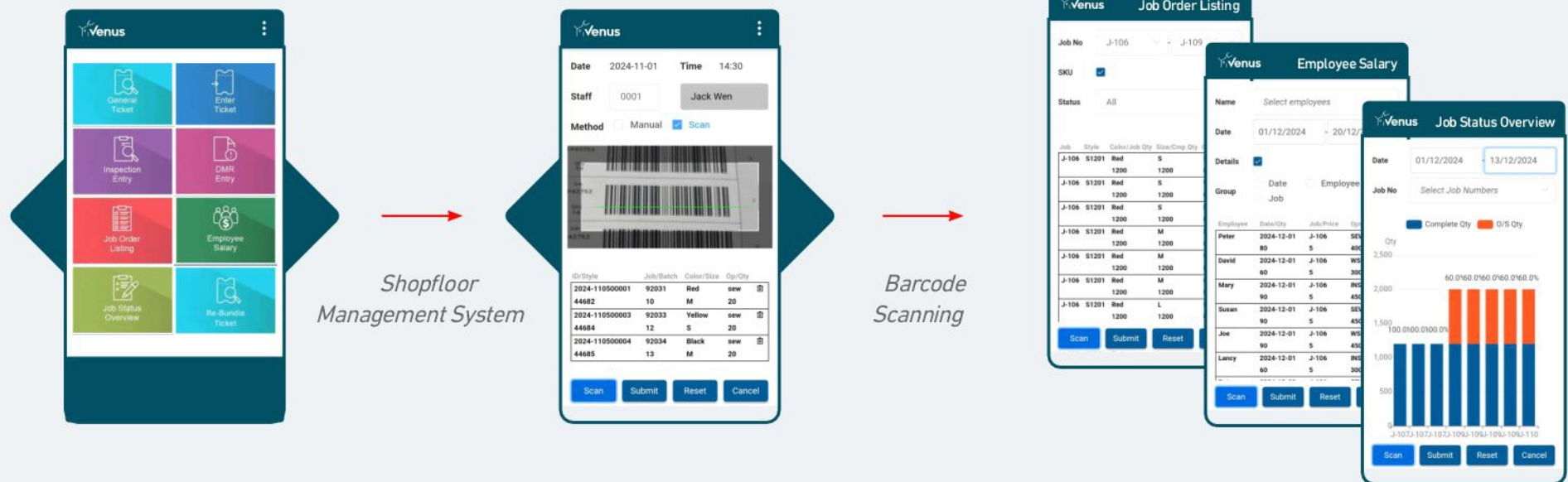
This data feeds into **employee salary calculations**, ensuring precise pay computation based on completed

operations — whether by date, job, or individual. Supervisors and managers benefit from **live monitoring and analytics**, allowing them to track completed vs. outstanding quantity with visual dashboards.

With Venus, garment factories gain **efficiency, accuracy, and visibility** across the entire production floor. Teams are empowered with data they can trust, and decisions are made faster thanks to real-time insights.

Key Highlights:

- **Barcode Scan Reporting** — Record work progress instantly at the operation level
- **Automated Wage Calculation** — Link completed quantities to employee payment logic
- **Job Order Listing Dashboard** — Filter by SKU, job status, and operation type
- **Employee Salary Panel** — Track pay history by worker, operation, and time period
- **Visual Job Status Overview** — See performance by order and line with charts





As one of the most experienced Epicor partners in Asia, we bring over 20 years of expertise delivering ERP success to garment manufacturers.

Headquartered in Hong Kong, iTTG Consultancy has grown into a trusted Epicor partner with branches in China, Malaysia, and Taiwan, and clients across Asia, Europe, and North America.

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