

InteriorFlow™

Manufacturing Process Control System

Complete digital control from raw panels to final site delivery.



**Real-time
Production
Visibility**



**Barcode
Tracking
End-to-End**



**Streamlined
Operations**



**Higher
Material
Utilization**



**On-time
Delivery
Assurance**



Complete Manufacturing Lifecycle

End-to-end module flow from initial setup to final site delivery.



Module Overview

A complete, integrated solution for panel-based interior manufacturing.

01

Base Data Setup



- Define branches, factories and warehouses
- Configure machine stations
- Measurement units & panel colors
- Storage racks and locations
- User management & permissions
- Exception reasons

02

Intake & Routing



- Excel upload or ERP integration
- Automatic customer & project creation
- Unique barcode assignment for each panel
- Material and accessory list synchronization
- Dynamic machine routing based on panel type and edge configuration

03

Machine Floor Execution



- Cutting station scan
- Edge band station scan
- CNC / Boring station scan
- Manual station verification



Exception protocol
Skip or return problem panels via scanner with reason and photo

04

Offcuts Management



- Generate**
Select color, input length/width, and print barcode label
- Store**
Scan offcut barcode and designated rack location
- Issue**
Retrieve offcuts directly into production for reuse

05

Packing Consolidation



- Accept verified panels from machine floor
- Nest panel and material barcodes under parent cartons
- Assemble and produce frame doors
- Send defective panels back for rework

06

Logistics & Dispatch



- Warehouse transfer between facilities
- Dispatch consolidated cartons to final destination
- Customer site receive and internal factory receipt logging
- Process returned panels via dedicated return scans

07

Reports & Analytics



- Real-time production status
- Machine utilization & bottleneck reports
- Defect & rework analysis
- Offcut usage and savings
- On-time delivery performance
- Custom reports and data export

Business Benefits



Production Visibility
Real-time tracking of every panel from start to finish



Reduced Errors
Barcode tracking and automatic routing



Material Cost Savings
Offcut management turns scrap into reusable inventory



On-Time Delivery
Full chain of custody from factory to site



Data-Driven Decisions
Detailed reports for better planning and productivity



Higher Accountability
Complete tracking of transfers, deliveries and returns

System Architecture

Seamless integration with your existing systems.



Contact
+91 9745128456



Mail
marketing@stallionsoft.com



Website
www.stallionsoft.com



INDIA | UAE | QATAR | OMAN