

OptiVision Provides Better Visibility and Control across the Paper Industry Value Chain

Solution Note

OptiVision® boosts profitability at every stage in the order-to-invoice cycle, to transform pulp and paper operations for a better business. Optimizing manpower, assets, materials, logistics and capital, it gives users the competitive edge to succeed.

Rising raw material and energy costs, increasing competition, tighter margins, stringent regulation: there is no let-up in the pressures on pulp and paper manufacturers. They must focus on efficiency to cut waste, ensure consistent quality and do more with less.

OptiVision’s business logic software brings a cost-based approach to business functions. Advanced optimization models and logical algorithms developed over 30 years in the industry help businesses achieve excellence at every stage of order fulfillment.

Benefits from Order to Delivery

OptiVision gives users visibility and control of the key determinants of profitability across the supply chain. Improved yields, grade transitions, inventory levels and optimized asset utilization mean better productivity and lower costs – proven in installations worldwide. From order to delivery, OptiVision enables users to identify the most efficient path to fulfillment.



FEATURES & BENEFITS

Benefits

- 2% savings in raw materials
- 1.5-3% lower trim loss
- 10% lower finishing losses
- 10% fewer quality issues
- 1-6 % throughput improve
- 10% inventory reduction
- 25% reduction in total cost of ownership

Features

- Customer and order management
- Web order services
- Production planning and scheduling
- Production quality tracking
- Production cost monitoring (OEE)
- Inventory and warehouse management

- Loading and shipment management
- Invoicing and credit handling
- Shop floor interfaces
- ERP integration

Add-on Modules

- Quality OptiMISER
- Fiber & Raw Material management
- E-Terminal, Yard management
- Production Cost Monitoring (Actual Costing)
- Centerlining/Golden Run

Customer and Order Management: OptiVision helps with pricing, credit management along with available/ capable/ profitable to promise. OptiVision also provides mobility enabled web order services.

Production Planning and Scheduling: Users benefit from better production planning and scheduling. OptiVision improves sheet throughput and allows users to manually add a logical pattern. It also provides Order Completion Status for Enterprise Systems Zero pricing and Unified Pricing module. Users can re-plan for caliper variations.

Production and Quality Tracking: Production route and step optimization help you boost efficiency. OptiVision provides actual calipers in quantity calculations and improvements in Re-Winder functionality.

Inventory and Warehouse Management: Users can track and monitor the work-in-process inventory, as well as finished goods inventory and movement. OptiVision supports direct loading and improved wireless warehouse management.

Load and Shipment: Users can handle all shipping and logistics management.

Invoicing and Credit: OptiVision manages electronic data interchange for shipping and invoicing.

Shop Floor Integration: Real-time interfaces of OptiVision enables connectivity to automatic wrap lines, scales footage counters along with automated storage.

ERP Integration: OptiVision provides Application Programming Interface (API) based integration.

Cost and Quality

OptiVision provides near real-time visibility and tighter control over the supply cycle. It drives lower costs, accurate resource allocation,

optimized selling prices and efficient scheduling. It handles materials management, production planning, scheduling, warehouse management and logistics for a more efficient delivery to the customer.

Other features include effective recipe management, real-time cost-to-manufacture measures across all stages of production, inventory management, and delivery optimization through management of loads, vehicles, routes and carrier plans.

Three central modules ensure costs are minimized across the value chain while ensuring quality standards to safeguard customer satisfaction:

Production Cost Monitoring: Gives real-time visibility of production costs for a more profitable business. It provides costings based on actual consumption, allows drill down to examine profitability and root cause analysis, and supports manual and automatic consumption entries. User-configurable graphical KPIs and displays increase visibility.

Quality OptiMiser: Brings comprehensive quality management with certificates of analysis, efficient issue resolution, and root-cause correlation. OptiMiser features definable quality measurement processes (with quality analysis before and after cutting), support for online or offline collection and analysis of results, and automatic pattern alignment and disposition.



Costing graphical displays

Web Order Services: Promotes more efficient working with order management for remote users via web browsers or mobile devices. Users can view and manage customer orders and delivery information on the move, track order status, call-off orders, check stock and print order documents.

Web order service

OptiVision also includes a number of optimal modules, including Logistics Services and E-terminal for optimized transport; Golden Run, for continuous improvement in production as well as Fiber and Recipe Management – support S88 recipe management standards.

Scalable and Flexible

Fully scalable, OptiVision is suitable for enterprise-wide, multi-mill, multi-currency and multi-system applications. It is also suited to a wider range of applications for pulp, tissue, plastics and films.



Easy to

OptiVision Suite

Honeywell is an industry leader in integrated Manufacturing Execution Systems that improve mill profitability by enabling mill staff to work more effectively and make better decisions.

OptiVision is delivered with Honeywell's outcomes-based consulting through skilled consultants, experienced process and industry engineers and domain experts who understand the business, tailoring a solution to meet the user's requirements. Drawing on a wide portfolio, collaborative products and solutions help drive significant value through improved safety, reliability efficiency and sustainability.

- OptiVision optimizes production and ensures customer orders are completed at the right time, quality and cost. It ensures efficient use of equipment, energy and raw-materials through improved planning, scheduling and tracking. It reduces inventory carrying costs and transportation costs. OptiVision is designed to manage a single site or an entire enterprise.
- Quality OptiMISER collects and analyses quality data and dispositions units to help ensure a defect-free product.
- OptiVision Centerline gives the capability to determine and set Golden Run operating conditions for every grade produced, boosting operating margins.
- OptiVision Production Costing and Intelligence analyses actual consumption costs to identify root cause of variances driving value decisions to improve production performance and profits.
- OptiVision KPI and Dashboard aggregates key process data to serve as executive dashboard and support informed decision making.

For More Information

Learn more about how Honeywell's OptiVision software suite can improve order-to-cycle, visit www.honeywellprocess.com/software or contact your Honeywell Account Manager, Distributor or System Integrator.

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OptiVision Support Services

OptiVision comes with worldwide, premium support services through Honeywell's Benefits Guardianship Program (BGP). BGP helps customers improve and extend the use of their software applications and the benefits they deliver, ultimately maintaining and safeguarding their software investment.

This product comes with worldwide, premium support services through our Benefits Guardianship Program (BGP). BGP is designed to help our customers improve and extend the usage of their applications and the benefits they deliver, ultimately maintaining and safeguarding their advanced applications.

Honeywell provides a complete portfolio of service offerings to extend the life of your plant and provide a cost-effective path forward to the latest application technology. Honeywell services include:

- Software installation services
- On-site engineering services
- Migration services
- Scope expansion services
- Assessment services
- Performance baseline and tuning services
- Customized training

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