

## Product Information Note

### OptiVision: The Unified Business and Manufacturing Solution for Pulp, Paper and Flat Sheet Industries



## Better Visibility and Control across the Value Chain

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.

- 2% savings in raw materials
- 1.5-3% lower trim loss
- 10% lower finishing losses
- 10% fewer quality issues
- 1-6 % throughput improvement
- 10% inventory reduction
- 25% reduction in Total Cost of Ownership (installation, maintenance, upgrades, training, support, duplication of capabilities, integration and business process agility)

#### A Full Suite of Tools

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:

**Customer & Order Management:** OptiVision helps with pricing, credit management along with available/ capable/ profitable to promise.

Beginning with R540, OptiVision provides mobility enabled web order services.

**Production Planning & Scheduling:** Users benefit from better enterprise production planning and scheduling.

Enhancements in R540 improves sheet through-put and allows users to manually add logical pattern. It also provides Order Completion Status for Enterprise Systems Zero pricing and Unified Pricing module. Users can re-plan for Caliper variations.



Profitability in each step of order- thro'- invoice

#### Proven Benefits

A world-wide installed base demonstrates significant average savings and benefits achieved through OptiVision:

**Production & Quality Tracking:** Production route and step optimization help you boost efficiency.

OptiVision R540 provides actual Calipers in quantity calculations and improvements in Re-Winder functionality.

**Inventory & Warehouse Management:** Users can track and monitor the work-in-process inventory, as well as finished goods inventory and movement.

OptiVision R540 supports direct loading and improved wireless warehouse management.

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

**Invoicing & 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 issues 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.

The screenshot shows the "Web Order Services" interface. At the top, there are navigation tabs: "Order Status", "Add Order", "Add/Modify Order", "Confirm Order", "Call Off", "Reprint Documents", "Reports", "Update Profile", and "Logout". The main section is titled "New Call Off" and contains several input fields: "WOS CallOff ID: 100001", "Delivery Date: 6/14/2012 12:02 AM", "WarehouseID: TK - TRUCK", "Truck Wgt: 50000", "Customer ID: 60000001 - DONALD MURI", "ConsigneeID: 10000001 - DONALD MURI", "City: WOODSTOCK", "WarehouseID: MX101 - MX1 INTERNAL W/W", "Cut Off Hours: 0", "Hours To Ship: 32", and "Loading Bar" with a slider. Below these fields are buttons for "New", "Modify", "Delete", "View Call Off Items", and "Submit". There is also a "Customer Stock" section with "Free Stock" and "Fetch" buttons, and input fields for "GradeSpec", "Min Width", "Min Diam", "Min Len", "Max Width", "Max Diam", and "Min Len". At the bottom, there is a table with columns: "OrderID", "Item", "CustPO", "Type", "ArticleID", "Rev.", "BWTSoldDesc", "Width", "Diam/Len", "Pkgs", "Wgt", "Pkgs Sel", "Wgt Sel", and "Select". The table contains three rows of data.

Web Order Service

OptiVision also includes a number of optional modules, including Logistics Services & E-terminal for optimized transport; Golden Run, for continuous improvement in production and Fiber & Recipe Management - supporting 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. Few of the features are as listed below:

- **Pulp:** machine run creation, re-sequencing un-releasing and completion; lot numbering; supports fluff rolls and classic bale pulp; forward and backward traceability for product quality, raw-material quality and production process.
- **Tissue:** multiple product types supported, including wound, folded and multi-ply; creation of minimum levels of hard roll inventory per grade and size; automatic stock replenish orders for hard rolls; trim loss and finishing loss reduction powered by FASTRIM for Tissue; tracking and genealogy with bi-directional association from raw-material to finished goods.
- **Plastic and films:** SlitRoll scheduling to optimize orders to slit

reels for optimum yield and reduced trim losses; improved operational efficiency for film-specific assets such as tubular and tenter lines, coaters and metallizers; support for heat ageing and ambient ageing; helps fulfill EU Food regulation requirements.

### A Complete Solution

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.

### 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.

Easy to Use Order by Color

### For More Information

Learn more about how Honeywell's OptiVision software suite can improve order-to-invoice cycle, visit our website

[www.honeywellprocess.com/software](http://www.honeywellprocess.com/software) or contact your Honeywell account manager.

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