

# Modular Solutions the way you want them – when you want them.

## From R&D through manufacturing... seamlessly with Honeywell POMS.

Honeywell POMS is pleased to announce the launch of our completely new and comprehensive portfolio of *Express*, modular, Unified Manufacturing Solutions™ (UMS) for the health and beauty, dietary supplement, brewing, dairy, and other Consumer Packaged Goods (CPG) industries.

POMS new CPG portfolio is a series of incremental, rapidly deployable systems that can be used together or independently depending upon your needs, saving you valuable production time and money.

This launch further expands our commitment to modular, accessible, and quickly installed *Express* manufacturing solutions, and caps off a long-term CPG initiative undertaken by Honeywell POMS to provide a complete series of specifically targeted offerings for the CPG product lifecycle—allowing for seamless hand off from R&D to manufacturing with reduced waste, deviations, bottlenecks and risk in the manufacturing process.

**INCREMENTAL** means you can attack your most serious challenges by targeting a specific area, then continue to build a complete unified manufacturing solution as your needs increase.

**RAPIDLY DEPLOYABLE** means you can install and get our systems up and running quickly, realizing benefits within the first six months.

Continue reading for highlights of our new Unified Manufacturing Solution™ for CPG featuring:

- POMS MES *Express* Pre-Weigh System
- WIP Management System
- Interactive Operating Instructions
- Production Analysis System
- Line Efficiency Tracking System

and Honeywell's breakthrough electronic specification technology, **POMS eSpec®**

### POMS MES *Express* PRE-WEIGH SYSTEM

Our MES *Express* Pre-Weigh System helps manufacturers verify proper materials, measurements and weights. It removes the possibility of errors and lost production time, and even prepares container labels.

#### Product Benefits

- Increases weighing operation efficiency
- Reduces material waste
- Supports cGMP compliance
- Ensures correct quantities and labeling

### WIP MANAGEMENT

Our WIP (Work In Progress) Management System tracks materials through all phases of your production cycle, providing genealogy reporting (origin, destination, etc.) and actual yield vs. projected yield.

#### Product Benefits

- Reduces stock-outs and production downtime
- Identifies sources and causes of loss
- Increases equipment utilization
- Eliminates work-in-progress errors and waste

### INTERACTIVE OPERATING INSTRUCTIONS

Now you can direct and enforce appropriate operator actions with our Interactive Operating Instructions system. It delivers updated instructions to plant floor operators and enforces sequencing of operations.

#### Product Benefits

- Eliminates many operator errors
- Speeds operator activity and calculations
- Provides electronic audit trail
- Ensures compliance with production standards and S.O.P.

### PRODUCTION ANALYSIS SYSTEM

With our Production Analysis System, you can produce batch-aligned trend reports and standard batch reports while helping to identify process problems. It also provides flexible query capabilities.

#### Product Benefits

- Provides analysis tools to facilitate improvements
- Rapidly detects and avoids potential problems – eliminating costly rework
- Reduces batch-to-batch variability
- Generates automatic and error-free batch reports

### LINE EFFICIENCY TRACKING SYSTEM

The Line Efficiency Tracking System lets you track production status, rates, and summaries vs. goals (by product, process and time period). Additionally it lets you capture yield, changeover time, scrap rates, and product tooling costs.

#### Product Benefits

- Improves efficiency by attributing downtime and associated causes to specific machines.
- Identifies recurrent line problems
- Alerts plant maintenance to impending machine failures
- Streamlines line operations to meet budget and production deadlines

#### and POMS eSpec®

Co-developed with the CPG giant, the J.M. Smucker Company, Honeywell's breakthrough electronic specification system, POMS eSpec® can be used to manage the collaborative development and deployment of the complete specification to plan, source, make and deliver a product from concept to commercial manufacturing. eSpec supports internal and external suppliers, development locations, manufacturing sites, and customers, creating a truly extended yet integrated supply chain. POMS eSpec was co-developed with CPG manufacturer J.M. Smucker Co.

The POMS *Express* Solutions that make up the UMS portfolio for CPG typify Honeywell POMS eXceleration™, a customer-based focus on the enhancement of a manufacturers' ability to accelerate innovation across product development, manufacturing, and e-commerce, all under a common standard of excellence. Honeywell POMS eXceleration enables manufacturers to "be smarter, go faster" by increasing cash flows via reduced times to market, improved agility and effective capacity, reduced costs, and full integration of operations into the e-business supply chain.

POMS products are used by more than 15,000 people across 15 countries in industries including food, beverage, and personal care products, commercial and clinical pharmaceuticals, biopharmaceuticals, primary pharmaceutical chemicals, nutraceuticals and medical devices. Customers include The J.M. Smucker Company, Johnson & Johnson PRI, Baxter Healthcare, Boehringer Ingelheim, Aventis, Schering-Plough Research Institute, R.P. Scherer, and TNUVA Dairies.

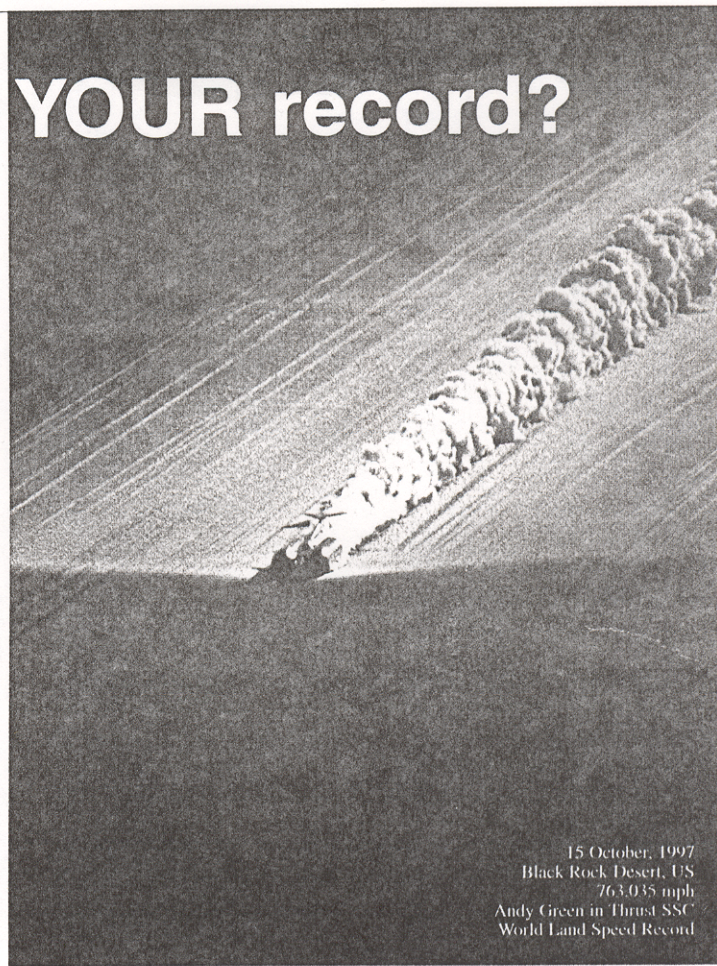
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## What's YOUR record?



15 October, 1997  
Black Rock Desert, US  
763.035 mph  
Andy Green in Thrust SSC  
World Land Speed Record

Speed to market is today's only sustainable competitive advantage.

Honeywell POMS will help you set new records. From R&D to manufacturing to packaging, our software, services, support and experience allow enlightened management and control of your entire product lifecycle. The result? Intelligent handoffs that reduce waste, bottlenecks, deviation and risk.

Experience  
**eXceleration™**  
Be Smarter. Go Faster.

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