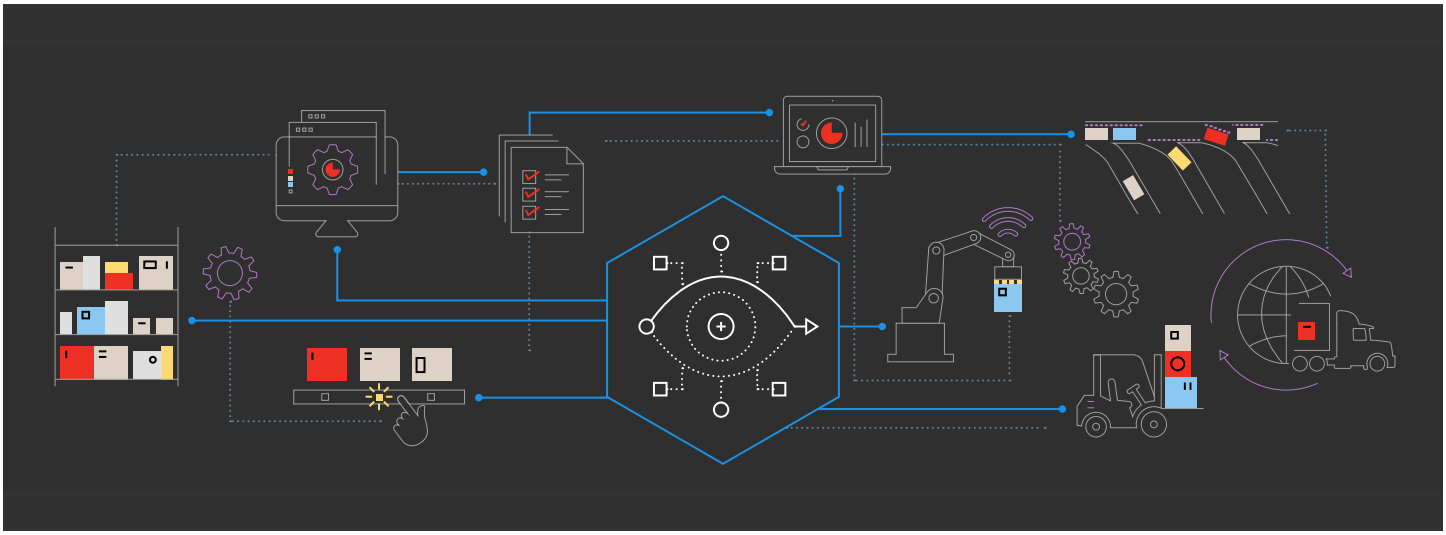
MOMENTUM MACHINE CONTROL BUSINESS LOGIC: COST-EFFECTIVE WAREHOUSE CONTROL SYSTEM



Honeywell
Intelligrated

FLEXIBLE ALTERNATIVES

The modular approach of Momentum MCBL is substantially more cost-effective for many operations that only require one or more specific upgrades.



GET THE BENEFITS OF MODERN CONTROLS FOR LESS

Many operations that need just one or two control system upgrades have traditionally struggled to find affordable and flexible options. That's why Honeywell Intelligrated created Momentum MCBL: a modular collection of innovative, state-of-the-art, web-based conveyor and sortation controls. It is available for PC-based machine control, and PLC and third-party controls, often at a significantly lower cost.

ONLY INVEST IN THE SYSTEMS YOU NEED

Each of these key control functions can be used as a stand-alone service or packaged together to meet your specific needs:

- Embedded Routing
- Label Printing
- Historical Data Tracking and Business Intelligence (BI) Reporting
- Alarms and Events
- Visual Status Modeling

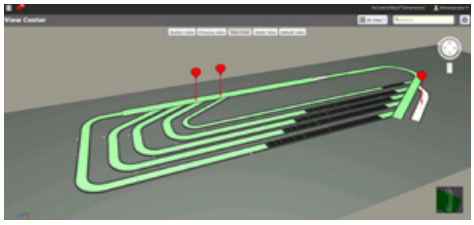
HIGH PERFORMANCE AND EASY IT SUPPORT

Momentum MCBL blends machine control, operator interface, system diagnostics, maintenance tools and host interfaces in a single, easy-to-use system. This fully integrated ecosystem also eliminates the extra cost and challenges of third-party software or customized workarounds, enabling your system to expand and evolve as needed over time.

MODERN CAPABILITIES FOR REAL-WORLD OPERATIONS

Based on our experience with hundreds of DCs worldwide, Honeywell Intelligrated has developed five key conveyor and sortation control functions, available as stand-alone or modular control solutions.

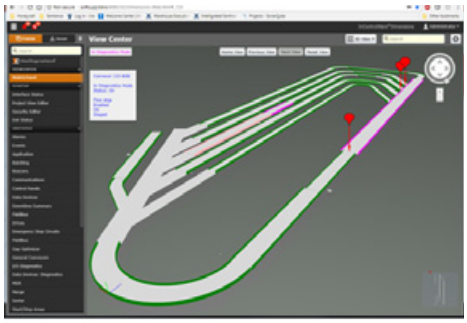
- **Embedded Routing —** Coordinates the movement of cartons from source to destination, managing movement on traditional conveyor and sortation systems. You'll get real-time operational data that enables faster and better decision-making while reducing manual labor.



- **Historical Data Tracking and BI Reporting —** Create a self-maintaining archive that enables easy access to historical data, assisting proactive maintenance, increasing efficiency, and minimizing the chance of system failure. These metrics can also be pushed to a computerized maintenance management system (CMMS) and rules can be set to create automatic work orders.

- **Label Printing —** Flexible storage and printing of label data, compatible with Zebra (ZPL) and other major printing languages. User-friendly interfaces enable you to track print requests and printer information easily.
- **Alarms and Events —** Real-time status, warning and alarm monitoring make it easy for your operational and maintenance staff to pinpoint exactly where an issue has occurred.
- **Visual Status Modeling —** Web-based models provide easy-to-use overviews of your entire operation as it appears on the floor. A color-coded system indicates each component's status at a glance, providing a valuable troubleshooting and training tool.



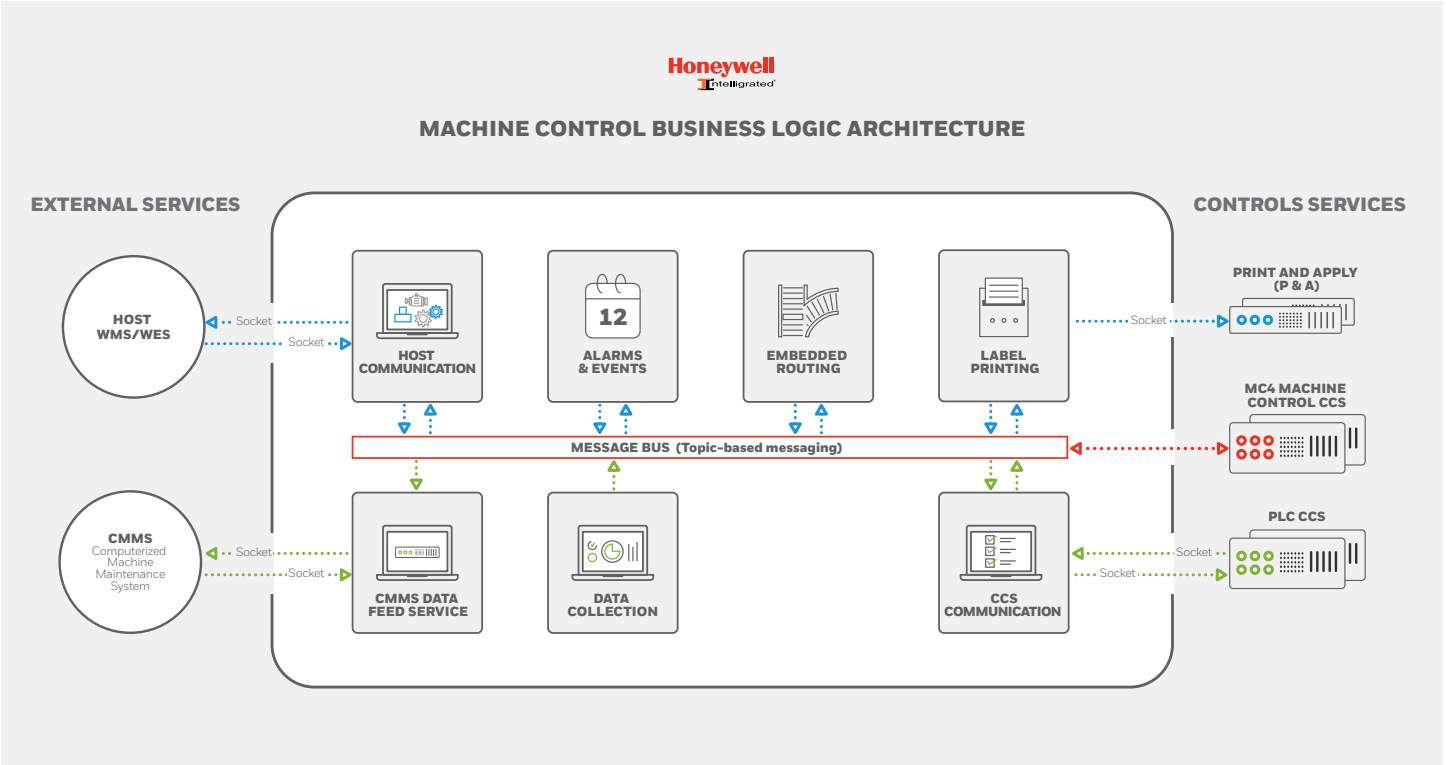


SEAMLESS MODULAR INTEGRATION

The modern, open design of Momentum MCBL reduces both your initial investment and your commissioning time, while making it easy to update or expand your system in response to growth or future market changes. You'll get reliable, high-performance conveyor and sortation control, plus the visibility to manage your system resources and operations more efficiently.

UPGRADE AT YOUR OWN PACE

Momentum MCBL enables you to implement modern upgrades as needed, customize services to fit your unique operation, and expand the system as your business grows. No other solution on the market today makes these functions available in a format that allows you to pick and choose only the specific capabilities you need.



THE CONNECTED DISTRIBUTION CENTER

The pace of change in modern commerce is putting tremendous pressure on fulfillment operations. To stay competitive and protect profits, companies need solutions that help them achieve maximum throughput, day-to-day flexibility, future-proof scalability and intelligence to make informed decisions.

The Connected Distribution Center helps companies make the digital transformation necessary to increase reliability, improve utilization and maximize productivity through:

- Intelligent, data-driven, high-speed execution
- Automated, adaptable processes for machines and workers
- Optimized utilization with the ability to seamlessly adapt and expand
- Insights and predictive analytics, from sensors to the cloud

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