

MWCold Increases Operational Efficiencies Through Near Real-Time Reporting

Multi-temperature warehousing provider gains greater insight into warehouse activity and streamlines data sources with Data Warehouse and Microsoft Power BI



THE COMPANY

With over 70 years of experience, Merchandise Warehouse Cold (MWCold) is a third-generation, family-owned third-party warehousing company based in Indiana. Recognized as a premier third-party logistics provider for food, pharmaceutical and manufacturing industries, MWCold offers multi-temperature warehouse services throughout its 560,000+ square feet of state-of-the-art distribution space in Indianapolis and Pendleton, Indiana.

THE OPPORTUNITY

MWCold has continued to grow its business through new customers and increased demand for cold storage throughout the industry. The company's priority was to gain greater insight into its warehouse performance and financial data through robust reporting. Because MWCold had several different data sources with little standardization, there was no easy access to data which made it difficult to gain a complete picture of its warehouse productivity and profitability per customer.

"MWCold previously had no way to track team member productivity and now with Power BI, we can see the high performers and low performers. This gives us an opportunity to celebrate the high performers and work close with the low performers to find out what may be slowing them down. We can now better manage the day-to-day business and set labor needs based on the expected workload."

- **Tyler Carlson**, President and COO at MWCold

Streamlining data sources and connecting disparate systems would enable MWCold to receive near real-time insight into warehousing operations and financial data. This information would allow MWCold to drive informed decisions based on what is occurring at that time and view real time performance throughout the month, rather than basing decision on a snapshot of past performance.

ENVISTA'S SOLUTION

Data Warehouse

With several disparate data sources that made it difficult to gain a complete picture of its warehouse productivity and profitability by customer, MWCold first needed to centralize its data center. Using data from MWCold's enterprise resource planning (ERP) system, warehouse management system (WMS), timekeeping system, badging system, and other data stored within SharePoint, enVista worked to transform the data to use for accurate, near real-time reporting. The data warehouse was in SQL server and used Power BI to extract and visualize the data to create insights. enVista ensured daily snapshots of inventory, type of work and hours of work to provide MWCold visibility into how team members and vendors were performing.

Power BI

MWCold engaged enVista to assist the selection process of technology options. Armed with the data provided by enVista from the data warehouse, MWCold evaluated multiple packages for its visualization and reporting solution. The company opted for Microsoft's Power BI due to its ease of use, flexibility to connect to multiple data sources, point and click filtering and drill-down functionality.



THE RESULTS

Warehouse Operations

The solution enabled MWCold to gain a greater understanding of team member productivity, warehouse occupancy, truck turn times and warehouse activity by customer, as well as client profitability daily – not only down to the square foot, but down to the cubic inch of storage space by customer. MWCold's Power BI reporting produced operational metrics that can be easily printed or shared through email as Adobe PDF files, which include warehouse occupancy information (current and historical), truck turn times, carrier summaries, warehouse activity per customer, team member productivity and team member leaderboards. Further, MWCold leverages the "Export to Excel" feature to perform additional analysis. The company also has the ability to create customized dashboards.

Financial Insights

The solution also offers MWCold insight into its costs, revenue, and profitability for storage handling for each customer. Further, MWCold can now produce key financial statements as Adobe .PDF documents that can be printed or shared via email. These include income statements, consolidated income statements, balance sheets, variance reports and yearly budgets.

This near real-time insight into the operations and financials of its business enable MWCold to make informed decisions based on what is occurring in near real time, while also significantly reducing the time required to analyze and produce statements for the executive team.

"Working with enVista has been great. Both teams worked very hard on this project and the finished project is something I know both teams are very proud of."

- **Tyler Carlson**, President and COO at MWCold



Let's have a conversation.TM

877-684-7700 or info@envistacorp.com