Case Study

Warehouse Intelligence

The evolution of Business Intelligence in the world of Logistics

The Purpose

- ▲ Make educated and faster decisions
- ▲ Improve efficiency
- ▲ Gain a competitive advantage

The Investment

- ▲ More than 1,000 work-days
- ▲ Pilot by Synergy

The Features

- ▲ Multilingual
- ▲ Fine-tuned for high performance
- ▲ Simply smarter visualizations
- ▲ Well-known KPI's + OPI's bids for benchmarking

The Benefits

- ▲ Top notch speed, accuracy, penetration and intelligibility
- ▲ Remarkable ease and clarity of insight
- ▲ More than 350 ready-made visualizations
- ▲ Transparency and self-service visualizations

Overview

Warehouse Intelligence (WI) is a powerful business intelligence module powered by Qlik Sense, intended to the Logistics World and can only be applied to Mantis Logistics Vision Suite.

Warehouse Intelligence empowers reliable and up to date business data analytics, using self-service visualizations to support decision-making without blind spots.

The purpose

At Mantis we recognize the need of our existing and future clients for both digitization and meaningful exploration of all this information produced by Logistics Vision Suite, in order to lead to in-depth decision making. Decision making can no longer be based on simple queries or on standard reports and datasheets.

Logistics Vision Suite is already installed in a variety of clients all around the world. Mantis consultants face our clients' decision making, and queries daily, thus gain tremendous experience about what a company needs in terms of business intelligence. This is why Mantis recognizes that Logistics companies have to gain useful and informative insight about the commercial behavior of their end customers.

Powered by:

Qlik Q Sense

mAntis

The Investment

Supply chain digitization is essential and, above all, adds value to the services of the relevant clients.

At Mantis we decided to build a business intelligence system named Warehouse Intelligence dedicated to Logistics that meets the needs of Logisticians for knowledge to:

▲ Make educated and faster decisions
▲ Improve efficiency
▲ Gain a competitive advantage

This is done in a plausible and intuitive way using specific illustrations for Key Performance Indicators (K.P.Is) mainly, as well as Operational Performance Indicators (O.P.Is) where this is considered necessary.

The Investment

More than 1,000 work-days have already been invested by Mantis experienced analysts, consultants and developers.
For the pilot phase of the product, Mantis client Synergy who is also Logistics Visionary volunteered to implement a pilot of Warehouse Intelligence and helped significantly in its final form.

Mr. Zimianitis Logistics Engineering Director of Synergy said:

"Our team is excited about the results of Warehouse Intelligence. If I could give a tip on why someone should invest in this product it is: The Logistics Process decision making is dramatically improved after Warehouse Intelligence is adopted."

The Product

Warehouse Intelligence has been implemented with Qlik Sense scripting language and visualization engine.

Qlik Sense is the world's leading business intelligence platform.

Warehouse Intelligence's data source layer is based on LVS raw data processed and transformed to provide information in a simpler and more comprehensible way for decision making.

As a result, 200 "out of the box" dimensions also 1,800 measures and 360 visualizations were created.

Some Indicative measures and visualization categories are: performance counters, orders, returns, receipts, inventory, etc.

Consequently, all the client needs that Mantis has experienced over the years have been implemented.

But then again, the goal for Mantis is always real adaptability, for this reason Warehouse Intelligence enables skilled users to create their own measures, their own KPIs that each diverse business wants and their own visualizations that are important for each specific business challenges, needs and decision making.

Warehouse Intelligence has the following features:

- It is Multilingual
- It is fine-tuned for high performance
- Offers simply smarter visualizations
- Uses well-known KPI's + OPI's bids for benchmarking
- Owns multiple possibilities to switch from aggregated information to "source" information at the "line" level in a quick, simple and understandable way.

The Benefits

- Warehouse Intelligence offers top notch speed, accuracy, penetration and intelligibility of information. Therefore, now time is used in decision making and not in pumping and analysis of data.

- The ease and clarity of insight at every level of management is remarkable. Especially when you can enjoy the same amazing experience, including creation, exploration, and sharing, from any device - smart phone, tablet, or desktop.

- 360 ready-made visualizations answer cleverly and dynamically on many management questions.

- Visualization transparency and self-service visualization has already triggered initiatives to improve processes and make LVS usage smarter - which was an unexpected fact to the extent. The power and value of having transparent information and valuable insight is the main objectives of digitization after all.

Summary

Mantis' Warehouse Intelligence is an investment in business intelligence in logistics.

It aims to change the landscape in decision-making, to give the power of knowledge at all levels of administration, to bring to the surface the critical data. The product's course of action so far and the feedback from the executives who used it show that the effort is more than successful.
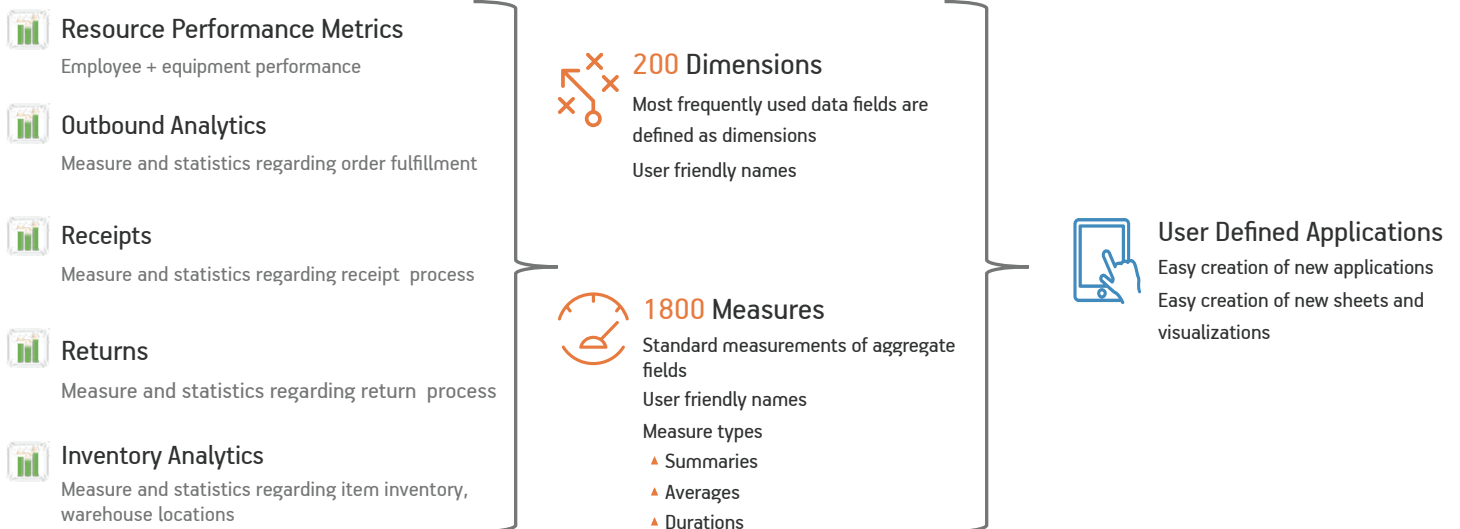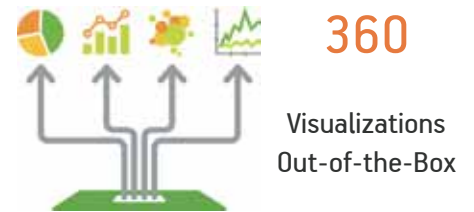
Warehouse Intelligence

Warehouse Intelligence can help our clients make smarter, more informed decisions, together !

360
Visualizations
Out-of-the-Box

Warehouse Intelligence Facts

Resource Performance Metrics
Employee + equipment performance

Outbound Analytics
Measure and statistics regarding order fulfillment

Receipts
Measure and statistics regarding receipt process

Returns
Measure and statistics regarding return process

Inventory Analytics
Measure and statistics regarding item inventory, warehouse locations

200 Dimensions
Most frequently used data fields are defined as dimensions
User friendly names

1800 Measures
Standard measurements of aggregate fields
User friendly names
Measure types
▲ Summaries
▲ Averages
▲ Durations

User Defined Applications
Easy creation of new applications
Easy creation of new sheets and visualizations

Warehouse Intelligence Benefits

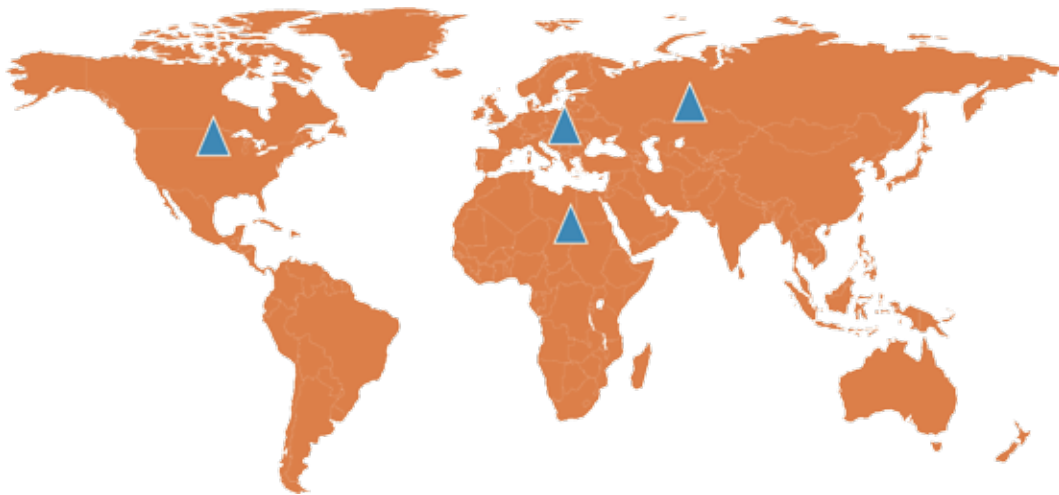Top notch speed, accuracy, penetration and intelligibility of information

Remarkable ease and clarity of insight at every level of logistics management

More than 350 ready-made visualizations give clever and dynamics answers

Transparency and self-service visualizations

LogisticsVision Suite

mantis

Mantis, is a leading international WMS/logistics software and solutions vendor, addressing the demanding requirements of large enterprises in more than 20 countries in Europe and Russia-CIS and recently in USA/Canada and Middle East.

Mantis' platform's design represents a great leap in WMS/logistics technology, offering true adaptability & flexibility that is unique world-wide. It meets the needs of even the most demanding large enterprises with ease and helps them to achieve an unbeatably fast ROI + low TCO. The company makes this claim, after having successfully outperformed some of the best competitive WMS on the market.

More than 400 enterprises, many of them leading multinationals, representing all major market sectors (3PLs/4PLs, retailers, distributors / wholesalers, etc.) and selling channels (traditional and e-commerce) rely on Mantis' software and solutions to run and optimize their warehousing and logistics operations. The system has been successfully integrated with most major ERPs (SAP, Oracle / JDE, Microsoft Dynamics, INFOR, Epicor / Scala, etc.).

Mantis complements its software suite with affordable warehouse automation solutions consisting of a smart combination of proven competitively priced systems and technologies (Voice Picking, Pick/Sort-to-Light, Pick-to-Cart, RFID, etc) that have been significantly enhanced by Mantis and offered as turn-key solutions. Furthermore, the company's platform includes middleware (WCS) allowing its painless integration with material handling equipment such as ASRS, Miniloads, Shuttles, Carousels, Sorters, etc.

Finally, the company provides its customers with sophisticated specialized Supply Chain Management solutions per case such as Inventory Planning & Optimization, Manufacturing Execution, Quality / Safety Planning & Execution (for the Food & Beverage industries), Vehicle Routing-Scheduling & Fleet Management, Container Terminal Management & CFS and Physical Documents Archiving.

Contact Us | info@mantis.email | www.mantis.group