

Business Law

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Introduction

Retailer NEXECOM, specialising in home goods, has established a corporate strategy to thrive its revenue over the next five years. A new IT system has been installed in Geminis, France, to streamline operations and have complete control over its tens of thousands of product lines in order to do this (Modi, 2019). Its warehouse management system from Interlake Meraux, WMS for E-commerce, Multi-Carrier Shipping Software and Supply Chain Analytics Software has helped the company triple its logistics installation's productivity from 100 lines/hour to 300 lines/hour since implementing WMS and its modules.

In a nutshell, NEXECOM is all about transformation and progress. As a result of their success selling video games and DVDs on eBay, two childhood friends established nouveauxmarchands.com in 2006, an e-commerce company that sells home appliances such as coffee makers and blenders. Since its inception, the company has continued to grow and evolve (Li, 2019). For example, according to Laurent Censer, NEXECOM's managing director, a rapidly growing e-commerce business must re-model its warehouse every two to three years, more or less, to respond to new market trends.

Improved warehouse organisation

Most warehouses are dedicated to streamlining productivity processes by optimising work processes, automating processes, and reducing waste (time and resources). Warehousing is a complex operation with many moving parts and functions at the same time. Therefore, while there are many ways to increase productivity, it is not always easy to decide where the efforts of the company will pay off. Advances in transportation technology such as automated robots, as well as innovative artificial intelligence and machine learning solutions, advanced warehouse management software and other technological solutions have greatly impacted warehouse productivity (Chunchun and Lanfang, 2018). Review existing processes and systems for identifying bottlenecks and other issues, implement process improvements, and invest in smart technology to address your key challenges and make your warehouse more productive.

A well-designed reward for success can maximise productivity. Over 50% of storage is used for picking and packing and the company should always make sure that they do not pay for productivity that has already been earned or is otherwise earned. Hiring highly qualified people is just the beginning and to get them on the right track and help them grow,

company official need to focus on training. Courses need to be organised regularly, in short 45 to 60 minute stages. They should be guided as much as possible by direct teachers and should be more involved in conversation than tone of voice. Safety should be a priority in the warehouse, because without careful safety measures the company warehouse may face dangers and accidents that lead to inefficiency and lost revenue (Сафиназаров, 2020). Taking care of safety may not save the money of NEXECOM in the beginning, but the cost of an accident is very high.

The best leaders are those who can closely monitor, plan and manage all aspects of performance. They will continue to develop their skills so that they can quickly identify and solve new problems. A warehouse that has access to training resources and managers from other business perspectives is the most effective way to improve warehouse efficiency. The culture company create determines all aspects of their business' performance. The warehouse company need to look for an interesting, creative and interesting warehouse culture. In addition to asking the employees for new ideas, they also need to create more opportunities to get them involved (Lulaj and Iseni, 2018). Monthly competitions, corporate events and other concepts that create a more interesting and motivating environment will only have a positive effect on NEXECOM warehouse.

Cross-training or training a group of employees to perform different tasks can help increase warehouse productivity. The availability of specialised warehouse workers can lead to inefficiency. For example, if an employee needs a vacation, you may not have another employee to take it. A new 53,820 square-foot facility in Geminis (near Marseille) was opened in 2019, where it manages hundreds of SKUs in a variety of sizes (Chunchun and Lanfang, 2018). A subcontracted warehouse in Montpellier distributes all orders to consumers (Suzabar, 2020). Due to this move, the company was compelled to engage with many suppliers, which caused a huge logistical challenge.

Geminis was first run using an in-house ERP with a very minimal warehouse management capability. As the number of products and orders expanded, so did the risk of errors and poor productivity (Ekhsan, M., 2019). It was becoming increasingly difficult to decide where to keep the products, which slotting technique to use and most importantly, how to find the merchandise after that, said Laurent Brutto, Director of Operations at NEXECOM.

Laurent Censier continues, If they genuinely wanted to aim for greatness, they had to optimise our warehouse's organisation (Suzabar, 2020). Because of this, they decided to

provide our operators with an aid that would assist them to avoid mistakes and be more effective while maximising order prep and facility space."

Accordingly, NEXECOM chose to install a warehouse management system (WMS). It chose Easy WMS from Interlake Mecalux after comparing several choices. This solution was chosen since it was produced by a reputable company in the logistics industry and is a step beyond its competitors' systems (Ekhsan, M., 2019). Laurent Censier adds, "Interlake Mecalux's technical team was by our side throughout the entire project, answering all of our queries and helping us discover the best solution for our needs."

In addition to Easy WMS, NEXECOM has added three modules that enhance its capabilities. "The software will change together with us and adapt to our needs, says Laurent Censier. WMS for Ecommerce, Multi-Carrier Shipping Software, and Supply Chain Analytics Software are the modules in dispute (Ekhsan, M., 2019).

In the words of Laurent Censer, Customer satisfaction is our highest focus. The first step in providing good service is organising an installation. There are two working spaces in which identical products can be stored (Ferrando, 2019). One section is dedicated to large objects weighing more than 33 lbs (dishwashers, refrigerators, washing machines and cookers). The other is for small items such as electric toothbrushes and DIY tools, while the third is for oversized items.

Assigning locations and preparing orders are just a few of the tasks that Easy WMS automates. Easy WMS integrates rules and algorithms to make the proper selection when assigning a slot to each product (Hånell, 2020). For example, the most popular things are deposited in the most accessible spots, making them easy to find when needed. Upon arrival at the installation, all products are correctly recognised and inspected to ensure their safety. As Laurent Brute explains, they now have real-time knowledge about the location of the commodities, which allows us to improve the quality of stock control (Ferrando, 2019).

It also organises the job logically, getting the most out of the operators and optimising the time spent picking (Hånell, 2020). It assigns duties to staff and guides them through the facility at all times, informing them which products to locate, where they may find them, how many of them to select, and so forth. The system provides precise instructions to eliminate human error, but it also develops operator routes to ensure as little time is spent travelling on the road (Chunchun and Lanfang, 2018).

In real-time, the workers communicate with the WMS using radio frequency terminals (to receive orders and confirm that they have been executed (Holthaus, 2019)). It has a very intuitive and user-friendly interface. A new operator receives a terminal, basic training with the warehouse manager, and prepares an order in under 15 minutes. The introduction of Easy WMS has unquestionably resulted in the professionalisation of operator jobs and more efficient distribution of tasks (Hånell, 2020). Laurent Brute says, after experiencing the benefits they have gotten from this work style, as they would never go back to the old way of doing things (Vrbka, 2020). The three Easy WMS modules intervene and supervise tasks in the NEXECOM warehouse as follows:

WMS for Ecommerce

In particular, it has been designed to make it easier to pick orders from NEXECOM's online store (Ferrando, 2019). Specifically, the programme considers the management of thousands of SKUs of varied sizes and qualities and the daily preparation of several orders, each consisting of a few lines.

WMS for Ecommerce, become significantly faster and more efficient.

Mexico could handle 100 calls per hour in the old days. This number has now increased to 300 lines each hour, a staggering increase (Holthaus, 2019). According to the Managing Director, WMS for Ecommerce has streamlined all warehouse processes, including products receiving and picking, to deliver more orders in less time.

To begin with, all products are identified as they arrive in the receiving area. If they can be kept or are part of an incomplete order, the sorting process begins. Laurent Brute says, even though this technique takes time, they have improved accuracy. WMS handles Single-unit or multi-unit order preparation for E-commerce (Li, 2019). As a result of this classification, orders are distributed more efficiently, and errors are less likely to happen. Censer says the mistake rate is virtually non-existent. Dispatch times for individual items are faster because operators can take the items from the racks and deliver them straight to packaging, branded and despatched.

When it comes to large orders, they are prepared by region. To fulfil orders, the operators are assigned to a specific zone and product category (Modi, 2019). A method of

grouping orders is used, which consists of gathering products from different orders on the same run. They must next be classified and organised according to their intended use and purpose.

Shipping Software for Multiple Carriers

Lastly, packaging and labelling are required before loading the orders onto the delivery truck. Printing the required documents is also required. A Multi-Carrier Shipping Software coordinates the goods packaging process by delivering exact instructions on how to do it (telling them, for instance, whether an order should be packaged in a single parcel or more than one (Modi, 2019). For each order, it then produces and prints a barcode label. The WMS creates a personalised label for each order based on the distribution agency. Clients may follow their orders with the help of this label, which includes a tracking number.

Multi-Carrier Shipping software allows NEXECOM's warehouse to interface with Mondale Relay, GLS, DHL, UPS and DB Schenker seamlessly and effectively (Suzabar, 2020). Since the carriers receive all necessary information in advance, such as pick-up orders and the number of items, they can make timely deliveries (Čepel et al., 2018).

Software for Supply Chain Analytics

For NEXECOM to meet the challenges it has taken on, it must have agile, modern, and intelligent logistics systems in place. They launched an aggressive business development strategy in 2019 to double our revenue within five years, says Laurent Censer. So they have chosen to broaden our product line and develop internationally in order to attain this goal (Ferrando, 2019). All of these developments will likely have an impact on our logistical activities. Thanks to Easy WMS, they will only have a minor impact on our warehouse."

These goals can be achieved by maximising facility utilisation with Supply Chain Analytics Software. In order to increase warehouse productivity, this application delivers helpful statistics on critical warehouse tasks (Hånell, 2020). A quick glimpse at the installation state is possible with this software's indicators (entries, exits, order preparation, storage capacity). All of these data help the warehouse manager make the best logistics decisions.

MODULE	NEEDS	SOLUTION
WMS FOR ECOMMERCE	<ul style="list-style-type: none"> • Order selection can be made faster. • Minimise shipping times for orders. • Storage expenditures can be reduced. 	<p>Items that can be stored and part of an order awaiting preparation (single or multi-unit) should be separated.</p>
MULTI-CARRIER SHIPPING SOFTWARE	<ul style="list-style-type: none"> • In addition, order packaging and labelling should be simplified. • Provide carriers with various agencies' documents. 	<p>Be responsible for NEXECOM's order packing process and develop labels and personalised documentation for each carrier through integration with the major transport companies who carry the company's orders.</p>
SUPPLY CHAIN ANALYTICS SOFTWARE	<ul style="list-style-type: none"> • It is essential to keep track of the performance of all warehouse activities. • To increase productivity, facilitate decision-making and promote strategic innovations. 	<p>Use control panels that are predefined and comprehensive and comprise the majority of the functionalities to be considered in a system.</p>

New Projects and Expansion

Taking on new tasks will help us grow. According to NEXECOM's Chief Executive Officer, this statement perfectly encapsulates the e-commerce retailer's corporate philosophy, characterised by innovation and expansion (Modi, 2019). All of NEXECOM's activities have

become more efficient thanks to Interlake Meraux's warehouse management software and extra modules.

Laurent Censier explains that the COVID-19 epidemic was a stress test for their installation. Due to record-breaking sales, they were forced to prepare a more significant number of orders, allowing us to evaluate the performance of Easy WMS.' Fortunately, Easy WMS will expand along with NEXECOM (Harring, Lundholm and Torbjörnsson, 2017). According to Censier, they know it will help us reach our growth target over the next five years. To service an expanding number of clients, NEXECOM has an evident vision for the future. In order to achieve this goal, Easy WMS will be of assistance.

Conclusion

It has been determined that the e-commerce company sells household equipment such as coffee makers and blenders. The company has grown and evolved since its inception as they also chose to equip our operators with a tool that would help them avoid mistakes and be more successful while maximising order prep and facility space. Furthermore, they found that allocating locations and processing orders are only a few of the duties that Easy WMS automates. Finally, they determined that the COVID-19 outbreak was a stress test for their installation. As a result of record-breaking sales, they were forced to prepare a larger quantity of orders, allowing us to assess Easy WMS's performance.

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