NEXT VIEW NEWS

June 2023

KEY POINTS

- Mobile applications
- Artificial Intelligence
- Machine Learning
- Big Data

LMS WITH EMERGING TECHNOLOGIES

Labor management software has come a long way since its inception, and as technology continues to evolve, so too does the functionality and capabilities of this critical business tool. Today, labor management software is a sophisticated platform that integrates seamlessly with other technologies, providing businesses with a wealth of data and analytics to help them make informed decisions. In this article, we will explore the emerging trends that are adopted by Next View Labor Management System (LMS).
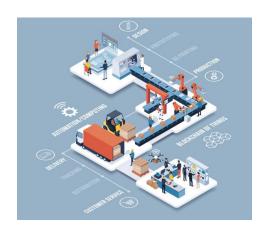
Mobile Application

The adoption of mobile apps in the warehouse environment has become increasingly important in recent years. They provide real-time information and insights to supervisors in the warehouse. Mobile apps offer an easy-to-use interface that enable supervisors to monitor workers' activities in real-time, providing them with valuable data on their performance. For example, a mobile app can track the number of orders picked and packed by an individual worker, the amount of time taken to complete a task, and the accuracy of their work. By collecting this data, supervisors can identify areas where workers may need additional training or support, as well as track overall performance and efficiency levels. In addition to tracking productivity, mobile apps can also enable supervisors to communicate with workers more efficiently, assign tasks and monitor progress, and provide real-time feedback to workers. With the use of mobile apps, supervisors can make informed decisions about resource allocation, identify opportunities for process improvement, and ultimately increase overall productivity and profitability in the warehouse.

> *By leveraging these emerging trends, businesses can reduce labor costs, increase productivity, and gain a competitive edge in a rapidly changing marketplace.*

Artificial Intelligence and Machine Learning

Establishing engineered labor standards require extensive data collection and analysis. More often, the cost to develop such standards is the barrier to having a LMS in place. Using machine learning and linear regression, Next View has designed its LMS to establish a labor standard by analyzing a vast amount of historical data. The linear regression algorithm analyzes this data, such as the time taken to complete tasks, distance traveled, and the number of steps taken. The system then can quickly establish a labor standard that reflects the real-time needs of the business. This labor standard is then used to guide resource allocation and identify

areas for improvement, enabling businesses to get up and running with the software right away. Additionally, Next View LMS uses linear regression to continuously refine and update the labor standard as new data becomes available, ensuring that it remains accurate and relevant. While engineered labor standards are still an important benchmark, Next View's approach offers a segue way to standards creation and thus provide innovative solutions to help warehouses with better visibility of their labor cost.

Big Data and Analytics

As labor management software collects more and more data, businesses are turning to big data and analytics to gain insights into their workforce. With the ability to analyze vast amounts of data, artificial intelligence (AI) and machine learning (ML) can identify patterns and provide predictive analytics that can help businesses optimize their workforce management strategies. For example, AI can help predict future demand for labor, allowing companies to adjust their scheduling and staffing levels accordingly. Also, with the ability to track key performance indicators (KPIs) like productivity, efficiency, and labor costs, businesses can make data-driven decisions that optimize their labor management strategies. By leveraging this data, businesses can identify areas for improvement and make real-time adjustments to improve overall performance.

By incorporating these technologies in its Labor Management System (LMS), Next View offers customers a compelling solution. With advancements in AI, mobile applications and big data analytics, businesses will have access to even more data-driven insights that will allow them to optimize their workforce management strategies. By leveraging these emerging trends, businesses can reduce labor costs, increase productivity, and gain a competitive edge in a rapidly changing marketplace. Businesses that embrace these advancements will be well-positioned for success in the years to come.

ABOUT NEXT VIEW SOFTWARE

Next View Software is an innovative provider of cloud powered supply chain software solutions. Next View's team has been delivering leading edge software solutions and benefits to customers in the global supply chain marketplace for over 30 years. Next View offers the industry leading cloud-based labor management system. Our solution helps you reduce operating expenses and improve productivity of your workforce by providing visibility to all aspects of your operations. Contact our team for a demo of our LMS.