Picavi Pick-by-Vision Improves Productivity and Protects Employees During COVID-19

by Thomas R. Cutler

According to Carsten Funke, CEO for Picavi U.S., “Companies across all industries are learning to navigate the impact of COVID-19. Pick-by-Vision allows companies to achieve improved productivity up to 30%. Using smart glasses and a remote installation removes the complexities around integration, making adoption and expansion safe and immediately available.”

Pick-by-Vision offers a fast improvement by focusing all attention on one critical area. Improvement is seen on the first day. Customers are able to move more product using the same workforce. Reduced lead times are possible because the Pick-by-Vision system allows higher flexibility and real-time reaction.

WMS and Picavi Cockpit

Picavi is interfaced with the customers’ WMS (Warehouse Management System). Funke noted, “We communicate with the worker on the shop floor via the smart glasses without returning to the home base. With the information displayed in the analytics of Picavi Cockpit, we monitor order changes in real-time.” The Picavi Cockpit reduces inventory by eliminating bottlenecks and reducing work-in-process (WIP).

Leveraging the data that the smart glasses gather via sensors provide an array of actionable information. The Cockpit shows all the customer individual KPIs (key performance indicators) in a dashboard. The advantage is that the logistics manager has all the information right at hand versus spending hours digging into the WMS data. An analytics component also tracks screen times, determining where in the process the company is losing time.

Pick-by-Vision safest for employees

COVID-19 is on everyone’s mind and Pick-by-Vision ensures employees safety and avoids employee cross-contamination. “The benefit of the Picavi system is that each worker has their own set of glasses, at least for the shift, and no one else touches it. Compared to Pick-to-Light which has many different hands potentially cross-contaminating the Pick-by-Vision solution is far safer,” according to Funke.

The glasses are the easiest device to disinfect since users can clean with a 0.5% detergent-water solution, such as natural detergent or mild dishwashing soap. Alternatively, glasses may be cleaned using a 70-80% isopropyl alcohol to a clean also using a soft damp cloth to wipe down all surfaces. With voice picking solutions warehouses and distribution centers would have to exchange all the parts, many of which cannot be wiped down. Glasses need only be touched twice during a shift, creating a
contactless and hands free safe work environment. Since Picavi uses voice commands to control and interact with the glasses there is no additional need to touch the equipment.

Warehouse workers absorb 80% of all information visually which is why Pick-by-Vision is one of the most significant developments in intralogistics. Pick-by-Vision forms a perfect symbiosis of modern technology and natural motion. Picavi offers smart glasses and complementary products that are tailor-made for the demands of complex warehouse operations. Picavi customers benefit from an efficient and flawless material flow.