

Food & Beverage Safety...

“Tools to make your Processing Plant Safer and more Efficient”

An A1 Industrial Vision Whitepaper, Citations credited below. – August 31, 2016

Understanding the importance of safety in the workplace and safety to our consumers across the globe is a critical topic all industry professionals are taught at the beginning of their career. Food and beverage safety protocols and processes are constantly being revised to better manufacturing/packing processes. As the production speeds for consumer products increase with evolving technology so does the risk of letting a damaged, unqualified or even unsafe product leave the plant floor and enter a consumer's home.

Continuously reviewing safety measures throughout plant floor operations greatly reduces these risks. Thankfully, a new technology allows us to produce products more efficiently, while also helping to regulate quality and safety before it gets to the consumer. Such tools as integrated video systems, which constantly have eyes on all product being produced in the work place; not only enables employees to quickly find debris which may have fallen into product, but also greatly decreases the time and man power needed to resolve the issue.

Integrated line vision systems connect high definition/high speed, industrial cameras with downtime systems and existing PLC's on your line. These camera systems can easily record and store HD video for over 3+ weeks, allowing employees to immediately review (or save) any scheduled or unscheduled downtimes. A simple to use graphical and video display shows how all lines are effected by an unscheduled downtime.

Finding debris that has fallen into product and determining exactly where it came from is now as simple as watching an HD recording of the event, moments after it has happened. These integrated systems save time in finding root cause and help employees prevent food & beverage safety issues. Furthermore, by pinpointing the affected product you reduce scrap and get the line running sooner.

“If food safety systems are not in place during processing. hundreds if not thousands of consumers are at risk. A single incident of personal injury traced back to a specific food processor may put that company out business” [1]

“your long term success as a food processor depends on your ability to consistently produce safe products” [1]

For more information on leading integrated vision systems contact A1 Webcams, (the producer of the A1 Industrial Vision System). 714.688.7986 or 800.616.7986 or sales@a1webcams.com

Citations:

[1] <http://ucanr.edu/datastoreFiles/234-1312.pdf>

“Food Safety During Processing” Chapter 15, Page 15.1