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Leveraging video technology for food and workplace safety and compliance

Compliance and regulations drive the food safety process, but one of the main challenges for this industry is efficiently meeting these requirements without compromising quality. In this session, speakers will discuss how video technology and intelligent solutions can be leveraged to monitor manufacturing and production, ensure animal welfare and increase workplace safety. Additionally, speakers will look at the specific use case of a major food company and how they are using video technology to streamline operations and help protect the company's products. While education and training in safe food handling are the cornerstones of food safety, challenges still exist for food manufacturers and producers because globalization and trade make the food chain longer and bring new aspects to disease outbreak investigations and recalls. There is also the need to cooperate with governmental authorities, such as the U.S. Food and Drug Administration, to investigate foodborne illness outbreaks and determine how the outbreak occurred. Food production facilities face the complex process of providing information to these bodies to aid these investigations. In order for production facilities to meet constant demands, it has become increasingly important for video surveillance to be in place for evidentiary purposes. From processes on the farm to practices in the kitchen, food processors and manufacturers are at a point in which video capture technologies, such as IP video surveillance cameras and deep learning (think video analytics), can play an important role in monitoring activities and ensuring compliance. Video surveillance is a powerful tool that can not only augment facility security efforts, but also be leveraged for uses far beyond forensic purposes. Video surveillance technology can be used for monitoring production line staff and day-to-day operations; pinpointing cross-contamination issues or potential hazards; identifying instances of breaches in compliance in slaughtering or harvesting; investigating accidents on the job or incidents of theft or tampering; and training new employees on correct procedures. The possibilities for video's use are endless.

Biography

Jumbi Edulbehram is currently the Regional President – Americas for Oncam, a maker of 360-degree cameras and software. He is responsible for all sales, marketing and business development activities in the Americas. Prior to Oncam, Jumbi served as the Director of Business Development for the security division of Samsung Techwin, where he was responsible for managing strategic partnerships with technology partners, consultants/A&Es, and large national integrators. His team was also responsible for developing new business in industry segments such as retail, government and transportation. Jumbi is passionate about providing integrated, intelligent networked solutions to the physical security market and frequently shares his expertise on security education panels throughout the country.

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