

Alleviating Security Issues at Varun Beverages Ltd. VIVOTEK Successfully Commissions its IP surveillance Project in Association with Network Technology

One of the largest franchisee of PepsiCo after the USA

Vertical: FMCG, Manufacturing and Industrial

Country/City: India/Panipat, Goa, Phillaur, Greater Noida

Client's Name: [Varun Beverages Ltd.](#)

Business Domain: Pepsi Bottling Plant Operations

Challenges: Theft, Product damage, Machine inefficiencies, Maintenance of Hygiene by workers, Worker's activities and issues, cabling issues and so on.

Technical situation: Activities and faces captured by analogue cameras were absolutely indistinct. Distant videos were blurred and poor quality images.

Solution offered: VIVOTEK along with Network Technology altered analogue video surveillance solutions to IP surveillance solutions for improved video and image quality and enhanced Field of View (FOV).

Model Used: [FE8180](#), [SD8363E](#), [CC8370-HV](#), [FD8169](#), [IB8369](#), [IB8367](#)

Software used: [VIVOTEK Vast](#)

Partners: [Network Technology](#)

About Varun Beverages Limited

Varun Beverages limited is one of the largest franchisee in the world (outside US) of carbonated soft drinks ("CSDs") and non-carbonated beverages ("NCBs") sold under trademarks owned by PepsiCo. It produces and distributes a wide range of CSDs, as well as a large selection of NCBs, including packaged drinking water. PepsiCo CSD brands produced and sold by them includes Pepsi, Diet Pepsi, Seven-Up, Mirinda Orange, Mirinda Lemon, Mountain Dew, Seven-Up Nimbooz Masala Soda, Seven-Up Revive, Evervess Soda. Similarly the NCB section has brands like Tropicana Slice, Tropicana Frutz (Lychee, Apple and Mango), Seven-Up Nimbooz as well as

packaged drinking water under the brand Aquafina. In addition, it has also been granted the franchise for Ole brand of PepsiCo products in Sri Lanka.

Challenges faced by Varun Beverages:

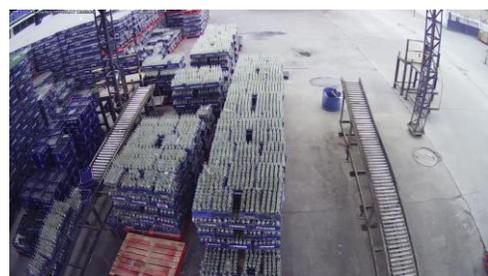
In a bid to ensure security and operational efficiency, Varun Beverages deployed analogue surveillance solutions in multiple areas. However, despite its efforts, the company suffered a number of thefts. Adding to their distress was the poor image quality and limited coverage area of their existing analogue surveillance solutions. Their daily operations suffered, owing to such drawbacks. The surveillance systems were deployed to keep a check on the upkeep of the machines, daily manpower, maintenance of hygiene and operations. However, blurred videos and lowly image qualities made it absolutely difficult to keep a wary eye out or fulfill any of the above. Faces recognition was difficult and activities in some areas at a certain distance were not clearly visible. Adding to the ache were entangled cabling issues.

Situation:

VIVOTEK along with Network Technology familiarized Varun Beverages, one the largest PepsiCo franchisee in the world, with IP surveillance solutions to counter their issues. The idea was to equip the brand with contemporary security solutions and bring them at par with the evolving security threats. The duo highlighted technical glitches the brand was experiencing and the inadequacies associated with analogue based surveillance to address current threat landscape. The company incurred losses as it was difficult to keep an eye on the stocks going out or coming in. Workers inefficiency led to stocks coming back from the market, due to packaging glitches, deterring the brand image in the market. Varun beverages needed something highly reliable, consistent in performance and more accurate.

Solution:

After having analyzed the situation, VIVOTEK and Network Technology suggested altering their analogue surveillance solution to IP surveillance solution. They offer complete end-to-end solution from general surveillance to various check points in the plants. Offering appropriate models for the brand's varied needs, VIVOTEK and its associate partner, segregated



the camera for multiple sites on the basis of different locations. Including 5-megapixel 360 degree surround view fisheye camera [FE8180](#), robust Full-HD speed dome camera [SD8363E](#), 3-

megapixel outdoor ready 180 degree view fisheye camera [CC8370-HV](#), 2-megapixel 15 meters IR illuminator fixed dome camera [FD8169](#), and two bullet type cameras [IB8369](#) and [IB8367](#). All of the cameras are united in VIVOTEK's professional video management software, [VAST](#), making cameras becomes more powerful and increasing management efficiency.

Course of action – VIVOTEK:

Formulating an all-inclusive IP surveillance solution for Varun Beverages, VIVOTEK first inspected all the plants and identified their critical areas. To get a better perspective of things,



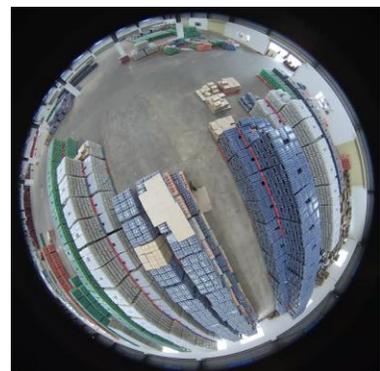
the team met with the HR department, store in charge, admin in charge and the IT department. With their assistance, they conducted a survey of areas within the plant with no network connectivity and suggested establishing network connections accordingly. After analyzing the situation, the solutions were deployed covering all boundary walls, loading and unloading areas

and other critical areas.

The process of security solutions deployment didn't end with just the deployment. Post the placement, the entire commissioning was verified and then a user level training was also conducted. Only after the training, was the entire facility handed over to the in-house team.

Benefits to the client:

The deployment of VIVOTEK IP surveillance solutions transformed the operational scenario into a more productive and secured one. Post the installation procedure, Varun Beverages was able to prevented thefts in the warehouses and plants. The workers and operation staff being well aware of the enhanced security surveillance in the vicinity now, stick to the company protocols and live up to the company standards, in terms of hygiene and efficient operations. They are absolutely satisfied by the video image quality in their current IP surveillance system.



Varun Beavrage's Feedback

"VIVOTEK's IP surveillance system worked with us step by step to not only provide the robust security solution we were looking for, but also helped us navigate through all our key plant requirements. The IP surveillance system has significantly improved the control over the entire production process and administrative areas of all our production facilities. The solution enables an efficient and centralized security through which the manager can monitor remotely anytime and anywhere promptly and effectively. VIVOTEK has been really helpful during the planning stage and in providing technical support, which exceeded our expectations, and we're looking forward to providing them with more as their business expands." As quoted by Mr. Johnson Cherian, G.M (IT Infrastructure) Varun Beverages Ltd.