

Sido Muncul Installs VIVOTEK Camera System to Revolutionize its Plant Security and Further Ensure the High Quality of its Health Products

Sido Muncul: Safeguarding Indonesian Health Since 1940

Sido Muncul is one of Indonesia's leading producers of Jamu (an herbal health drink) as well as a wide range of other health products. From the humble beginnings of a small household business in 1940, Sido Muncul has grown steadily to become a key provider of herbal health products while constantly striving to provide only the highest quality nutritional supplements and guaranteeing the purity of their ingredients.

This is no simple task as Sido Muncul's factory occupies a huge 34 hectare plot of land in Klepu, Semarang, in Central Java, and includes 7 separate laboratories focused on Instrumentation, Microbiology, Pharmacology, Formulation, Pharmacognosy, Stability, and Chemistry. These laboratories are all equipped with the latest tools and devices and operate to the highest standards. Further, Sido Muncul's state-of-the-art production process adheres to extremely high standards and exceeds the Good Manufacturing Practices (GMP) guidelines. Sido Muncul also pays great attention to product safety and therefore keeps strict records of the production process in order to maintain process uniformity and ensure products of a consistently high quality.

The Challenge: Sido Muncul's Old CCTV Surveillance System Had Reached Its Limits

Within this context of extremely high demands on the safety and security of the production process, Sido Muncul decided that its old system of analog CCTV security monitoring was no longer offering high enough quality coverage and lacked an IR capability. Further, its old PC recording and viewing system was unreliable – often crashing or randomly going offline. A new video management system was also needed. In short, this high-tech operation had outgrown its previous surveillance system and required a high-tech security system to match its exacting standards.

The Solution: VIVOTEK – A Natural Fit with Sido Muncul

A total of 200 VIVOTEK cameras were installed across Sido Muncul's largest plant. The high quality coverage, IR capability, and smooth operation of VIVOTEK cameras in all conditions ensured that the production process could be monitored, losses prevented, and human resources managed effectively. Further, some cameras were used to monitor any waste from the production process. VIVOTEK also

supplied a brand new video management system, bringing Sido Muncul's total surveillance system into a new era of functionality and stability.

High Quality IP Cameras Secure the Integrity of the Production Process

For the warehouse and factory, 150 VIVOTEK IP8332 Day and Night Network Bullet cameras were chosen for their high image quality and versatility. Equipped with a 1-megapixel sensor enabling viewing resolution of 1280x800 at a smooth 30 fps, the IP8332 is an all-in-one camera capable of capturing high quality and high resolution video. Further, it can adapt to any lighting conditions as it features a removable IR-cut filter as well as IR illuminators effective up to 15M for superior image quality around the clock. Making this VIVOTEK camera an even more enticing choice, the extensive features of the IP8332 are provided in an economical package, meaning Sido Muncul was able to install a large number of cameras and ensure total coverage of their production process.

For office spaces, IR capability was desired by the Sido Muncul, and FD8134 Fixed Dome Network Cameras provided this, as well as the highest possible image quality in all lighting environments while maintaining a sleek and stylish appearance. For a camera with a 1-megapixel sensor enabling viewing resolution of 1280x800 at 30 fps, users need to look no further for an all-in-one camera capable of capturing high quality, high resolution video.

For outdoor areas, IP8362 2MP Full HD Network Bullet Cameras and IP7361 Day and Night Network Bullet Cameras provided coverage of the huge 34 hectare grounds. The WDR feature of the IP8362 ensures startlingly clear images in all light conditions, and its IR illuminators and IR-cut filter mean that this image quality is provided throughout the day and night. Both cameras feature rugged housing designed to protect the integrity of the surveillance system from both the environment and any attempts to tamper with the cameras.

The Latest Surveillance Solution, the Simplest Installation.

Finally, this quantum leap in security and production-process surveillance at Sido Muncul's largest plant was able to be achieved easily and quickly thanks to VIVOTEK's commitment to providing cameras and systems that are not only easy to install, but also simple to maintain. In fact, in moving from the old CCTV system and its reliance on extensive cabling networks, Sido Muncul's new VIVOTEK surveillance system is actually easier to maintain, while providing astonishing advances in coverage and image management. As a result of this upgrade, Sido Muncul now boasts a surveillance system which matches its own commitment to quality, security and reliability.