France Prune installs video encoders to monitor its 3 sites.

Thanks to the Axis network video, Uni-Sat is replacing analog to be more efficient as a cyber guardian at France Prune.

Organization:
Maître Prunille
(France Prune)

Location:
Aquitaine and PACA,
France

Industry segment:
Industrial/Manufacturing

Application:
Safety and security

Axis partners:
Uni–Sat, Milestone

Mission

France Prune is involved in the traditional culture and marketing of the Agen prune and in the purchase and sale of dried and soft fruit in France and Europe. The Uni-Sat company is in charge of video surveillance and security for its three operating sites. Previously an analog system, the video system had to evolve in order to improve performance and reliability.

Solution

Uni-Sat has video encoders present at the different sites where analog cameras are deployed to digitalize the analog video signals and send the images over an IP network. AXIS Q7406 and AXIS M7001 Video Encoders were installed, as well as an AXIS Q6032 Dome Network Camera and 2 AXIS 291 1U Racks.

Result

Today, 4 "cyber-operators" work around the clock to view real-time images and react according to the pre-established instructions with France Prune.

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> "The past year has enabled us to test this new equipment in real life and we are quite satisfied. In fact, our teams are no longer dependent on equipment to view the images and ensure the proper site management of France Prune. Before coming to this conclusion, we liked its flexibility and ease of installation."
>
> Michaël Franchi, Uni-Sat.

Better "cyber guardianship"

All of France Prune's premises and its 700 employees are distributed over 3 production sites: Saint Quentin du Dropt and Casseneuil in the Aquitaine region, and Vitrolles in the PACA region. To monitor them, the company is using Uni-Sat, a specialist in the design and development of security systems, which until now was based on an analog video system, with a video cable connected to the control PCs. This is a system that sometimes malfunctioned in the event of a power outage or computer failure. Uni-Sat thus wanted to develop it to improve its performance and reliability.

As a result, Uni-Sat turned to Axis Communications for its IP-based video solutions: "Once we identified this need and affirmed our desire to migrate this installation to a "cyber guardian" system, we used Axis Communications, which is recognized as a market video leader, both because of its quality and because of the performance of its products and digital solutions," explains Michaël Franchi, a manager from Uni-Sat.

Performance network video

30 analog cameras installed at the France Prune sites have been equipped with AXIS Q7406 Video Encoders, the six-channel blade model is intended for video server rack solutions. It thus allows integration of a large number of analog cameras into a high density IP-based video system.

Uni-Sat also relied on the single-channel AXIS M7001 Video Encoder, integrating an analog camera into a network video system. Before the integration of these encoders, the analog signals were encoded via stockers; but the system was dependent on computer or operating system failures. With Axis and IP, the system improved its autonomy and reliability in the case of failure. In addition, Axis source code allows for an easy extension of the video network.

These two encoders are equipped with H.264 video compression, which significantly reduces bandwidth and storage requirements, without compromising image quality. The Motion JPEG format is also supported for maximum flexibility. The openness policy of Axis Communications ensures simple and rapid integration with most analog cameras on the market, supporting software drivers for over 25 different brands.

An AXIS Q6032 Dome Network Camera was added at the time of the initial installation. It's an indoor camera equipped with pan/tilt/zoom (PTZ) functions, with a 35x zoom for larger images with extended resolution and extraordinary mechanical performance. Its day and night function ensures superior image quality even in poor lighting, while supporting a wide dynamic range to make all objects visible, whether in poor light or illuminated.

Thanks to the technologies associated with Axis and the Milestone XProtect ® video management editor, Uni-Sat has moved up from analog video to "Cyber guardianship" on different France Prune sites. Today, there are four "cyber-operators" working day and night to view images in real time and react according to the instructions.

Partenaire Uni-Sat – www.uni-sat.fr
Since 2002, the business has specialized in the design and development of security systems. Therefore, it intervenes in problems tied to electronic and mechanical protection, lighting, video surveillance, fire as well as hygiene and health protection. In addition to selling equipment, the company also offers remote surveillance and cyber guardianship.

Maître Prunille (France Prune) – www.maitreprunille.com
Resulting from the union of 25 cooperatives with over 530 plum growers, the Groupe France Prune is involved with the traditional culture and marketing of the Agen prune under the brand name France Prune. The company also specializes in the purchase and sale of dried and soft fruit in France and in Europe.