

The food retailer, Delhaize Group, installs NUUO Titan NVR to protect its business in Belgium

Titan NVR: the most user-friendly, high megapixel recorder



Organization :

Delhaize Group

Location :

Turnhout, Vosselaar, and Bolderberg, Belgium

Industry Segment :

Retail

Solution :

Titan NVR (NT-4040)

Customer Profile

Founded in Belgium in 1867, the Delhaize Group is a food retailer active in three regions globally: Europe, North America, and Asia. Operating food supermarkets is their core business and they presently have nearly 3,000 stores in eight countries.

Background

Expanding its stores and operating under a variety of brand names, the Belgium retailer has recently inaugurated three new stores in its home country. They required a surveillance system which is easy to install and delivers high quality images.

Solution

To respond immediately to these requirements, Autosoft Security, the system integrator, installed one Titan NVR (NT-4040) in each of the three stores (Delhaize Turnhout, Delhaize Vosselaar and Delhaize Bolderberg) in combination with Zavio (D5111, D7110) IP cameras. In total, 46 IP cameras have been installed and every site carries out local recording using 1.3 Megapixels as the recording resolution. Since 34 IP cameras were installed in the Delhaize Turnhout store, it was designated to house the Control Room, with the two other stores each installing 6 IP cameras.

In the Delhaize Vosselaar and Delhaize Bolderberg stores, the managers are using local displays via the VGA out on Titan NVR (NT-4040) for viewing and monitoring their premises. Simultaneously, each recorder is remotely accessed and centralized in the Delhaize Turnhout store via ADSL and a PoE switch. At the biggest store, which houses the Control Room, there is no local display since NUUO NuClient (Internet/Software), via the Main and Sub servers structure, provides central management of the whole system. Thanks to this structure, the Delhaize Turnhout store manager can gain full control of all sites. Moreover, as Titan NVR is a Megapixel Recording Powerhouse (up to 250Mbps), all views are displayed on one full HD-TV connected to one computer, with this allowing high-level, meticulous monitoring. Another interesting feature is the "anytime and anywhere" monitoring. As such, NUUO iViewer for Mobile Phone applications responds immediately to main requests and, regardless of time or place, the Delhaize store management can quickly view their stores using their smartphones.

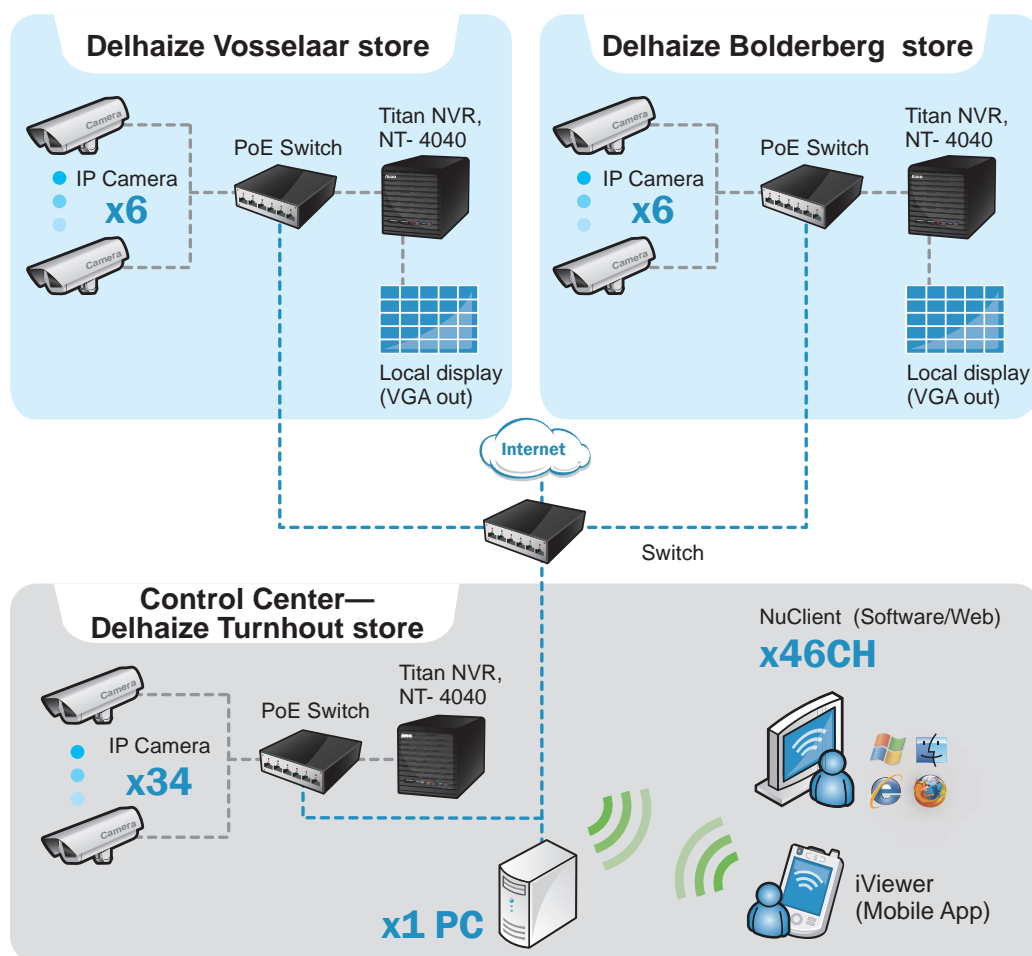
Moreover, data safety and storage space savings are frequent requested in the retail vertical market. For this project, the three new stores all employ the internal storage of Titan NVR (NT-4040): total internal storage runs up to 8TB per recorder using RAID 5, and all data is retained for 14 days. As to storage space savings, this is made possible thanks to the two recording modes of "always record" and "record on event."

Benefits

As the manager of Delhaize, Dirk Boeren, states: "With NUUO Titan NVR, we can easily find what we are looking for in the recorded videos. Plus, we don't need special training to use this recorder and the images are in high quality." Indeed, by utilizing the 'search' function on the playback interface, store managers can rapidly find what they need. An ease-of-use interface is crucial since retailers may not have the time to manage a complicated surveillance solution. For this purpose, Titan NVR delivers the foremost user-friendly interface with no right clicks and no functions hidden.

Device & Software List

- Cameras: 46 IP cameras, distributed in 3 stores (Turnhout: 34; Vosselaar: 6, Bolderberg:6)
- Recording Servers: 3 Titan NVR, NT- 4040 distributed in 3 stores
- Client Software: - NuClient (Software/Web): 1 PC with 1 monitor installed at Turnhout store, considered as the control room, to view the 46 cameras
 - Local display (VGA out) at Delhaize Vosselaar and Delhaize Bolderberg stores
 - iViewer (Mobile App)
- Storage: Internal storage of 8TB (4x2TB – SATA II) per recorder with RAID 5
- Switch: 3 Titan NVR, NT- 4040 are remotely accessed and centralized in Turnhout store - control room- via ADSL, using a PoE switch



Project Photos



Autosoft Security's simple formula for success has not changed much over the years. Hard work, **quality products and a personalized service** with the specific needs of the customer in mind are still our driving motives today. By remaining true to these core values, we achieve a **steady growth year after year** and this enables us to continue to invest in our resellers.

As a wholesaler, Autosoft Security supplies a **complete range of innovative, integrated and intelligent video solutions**. As there are systems for securing buildings, land or goods, and this in all conditions (complete darkness, extreme temperatures, ...), but also applications in which the **recording and analysis of the video data** is needed for automation or evidence purposes.

As a service provider, Autosoft Security **supports resellers by offering project studies**, defining hardware and software **requirements** or providing installation diagrams. **In addition, agreements** can be made in which Autosoft Security ensures **"White Label Support"** in **first or second line**. Furthermore, Autosoft Security regularly **offers product trainings at all levels** (beginner to expert), optionally tailored to your needs.

Besides a huge professional and product knowledge in video security, Autosoft Security provides the **same quality and service to a wide range of products for fire and smoke detection** since 2011. For more information about our products or services please visit <http://www.autosoftsecurity.be>