

Fortune 500 Energy Company Chooses Infotrend Storage Servers for Surveillance Projects

Organization

A leading energy company in Thailand

Challenges

- 24/7 operation
- Milestone VMS compatibility
- Hundreds of camera channels across multiple sites
- High capacity was required to provide a long retention period for surveillance footage

Solution

5 units of EonServ 5012 Gen2 and EonServ 5016 Gen2:

- Integrates the NVR server and data storage into a single appliance, simplifying deployment, management, and costs
- Certified for Milestone XProtect® VMS, it ensures seamless compatibility with various surveillance equipment
- High performance to support extensive, high-resolution surveillance coverage with hundreds of camera channels
- High capacity to provide 30-90-day retention period

"Infotrend highly integrated storage server EonServ 5000 Gen2 provides stable operation with excellent performance and full compatibility with Milestone VMS to support project success. In my opinion, Infotrend product is the best storage server solution for surveillance," commented Anawat N., the Enterprise BU head of Digitalcom, System Integrator.

The energy company, listed in the Fortune 500 and a leading player in Thailand's energy sector, operates an extensive network of gas distribution points across the country. Besides its work in exploring and producing oil and gas, it is also involved in generating electricity and manufacturing petrochemical products. This makes the company a key part of the country's energy industry. Given the critical nature of the industry, comprehensive surveillance monitoring is essential for ensuring safety, efficiency, and security, preventing accidents, and maintaining smooth operations. To support the surveillance projects on critical sites, the company required a reliable high-performance storage server solution capable of managing the extensive footage generated by its security systems.

Challenges

- The customer's new surveillance projects required reliable and cost-effective storage servers capable of round-the-clock operation with minimal downtime.
- Compatibility with Milestone VMS (Video Management Software) was essential.
- The storage server needed to deliver high performance to support extensive, high-resolution surveillance coverage with hundreds of camera channels.
- The solution had to provide high capacity for a long retention period of video footage.

Solution

The company chose five Infotrend [storage servers](#): [EonServ 5012 Gen2](#) and [EonServ 5016 Gen2](#) for their surveillance projects at five site locations, including gas separation plants and natural gas transmission systems, because of the product's unique features.

These storage server solutions offer an excellent cost-performance ratio. By integrating the Network Video Recorder server and data storage into a single, purpose-built appliance, EonServ storage servers simplify deployment and management, significantly reducing complexity and total costs. It is certified for Milestone XProtect® VMS, ensuring seamless compatibility with a broad range of surveillance equipment. The solutions deliver high performance for managing and storing high-quality video footage, supporting hundreds of Full HD resolution cameras (around 70-100 camera channels per site) using the H.264 and H.265 compression formats. The company can easily expand the surveillance system by adding more camera channels, as each EonServ model can support hundreds of channels.

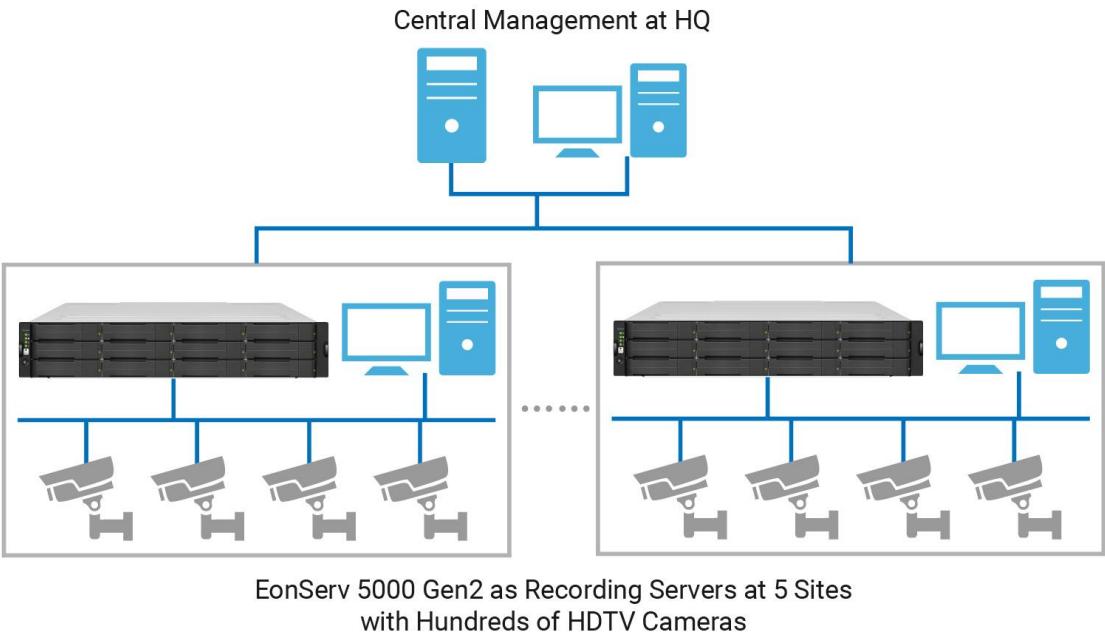
The EonServ 5012 Gen2 is designed in a 2U 12-bay form factor, while the EonServ 5016 Gen2 comes in a 3U 16-bay form factor. Each appliance is loaded with 12 to 16 units of 7,200 RPM 16TB SAS HDDs. With five appliances, these storage servers provided the company with PB-level capacity for a 30 to 90-day retention period, which was ideal for their large-scale surveillance operations. The solutions also incorporate RAID data protection and feature easy-to-use management software. With all these features tailored for surveillance applications, EonServ stands out from other commercial servers.

Finally, one of the main reasons the company chose Infotrend storage was the excellent support from system integrator [Digitalcom](#), providing reliable pre- and post-sale service to ensure smooth deployment and ongoing maintenance for critical surveillance infrastructure.

Why Infotrend

- Integration with Milestone VMS
- High-performance storage server solution to support hundreds IP cameras
- High capacity to store vast amounts of surveillance data
- Consistently positive and stable experience with Infotrend products
- Pre- and post-sales service support from Infotrend's partner

EonServ 5000 Gen2 Storage Servers for Video Surveillance Application at the Energy Company



About the Leading Energy Company

The energy company, listed in the Fortune 500, is a leading player in Thailand's upstream market, operating multiple LPG terminals across the country. The company is also involved in electricity generation, petrochemical production, oil and gas exploration and production, as well as gasoline retailing. Its diverse portfolio plays a crucial role in supporting Thailand's energy infrastructure and economic growth.