



DNF SECURITY WHITEPAPER

Healthcare Industry Surveillance Data Storage Challenges

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Powerful IP Video Surveillance
Management Systems

Introduction

The audience of the healthcare industry grows annually, increasing the industry's need to employ enterprise level surveillance systems. These IP video surveillance systems generate big data that has to be retained for longer periods of time and sometimes, industry regulations require them to be retained indefinitely.

Data collection through efficient cameras is one thing but without reliable and efficient storage, the entire system is pointless. The summarized list of Healthcare industry challenges, in terms of IP video surveillance, is as follows:

- Efficient, reliable and scalable storage for recorded video data.
- Simplified management of servers and storage systems.
- Data retention for longer (and sometimes indefinite) periods of time.
- Enterprise level data security for stored data.
- Video data archiving in the cloud.
- Cost effective data storage.

DNFSecurity IP Video Surveillance Storage Solutions

DNFSecurity has been in the business for two decades and has set the standard for efficient and reliable storage solutions for recorded video data. The range of products that DNFSecurity offers comes in variable sizes; ideal for SMEs (Small and Mid-sized Enterprises) to large Enterprises.

DNFSecurity appliances also comprise of innovative technologies like Fanless servers for enterprises that prefer a quiet environment.

Regardless of the storage capacity of the appliance, the following attributes are common in all DNFSecurity servers:

- Support for Optional RAID (Redundant Array of Independent Disks) to deliver efficient storage.
- Capable of scalability that not only increases storage size but also optimizes performance.
- Secures data with enterprise level security techniques.

Healthcare Industry Empowered by DNFSecurity's Innovative Technology

Healthcare Industry, regardless of its scale: hospitals; clinics; pharmacies; private practices etc. can immensely benefit with DNFSecurity's innovative storage solutions for video surveillance data.

With DNFSecurity's Falcon series, healthcare service providers can effectively store live recorded video data in real time on-premises and archive old data in the cloud with cloud connection. Regardless of the storage space, the data is always secured with AES-256 bit encryption method while SSL (Secure Socket Layer) protects the data as it is transmitted to the cloud.

Service providers can expand their surveillance systems without having to worry about scalability issues as the appliances support scalability to enterprise level standards. As archived data makes up most of the stored data and is stored in the cloud, the overall system becomes cost efficient. That's because archiving in the cloud is a lot cheaper than on-premises data archival.

For service providers that already have servers and on-premises infrastructure for video data storage, DNFSecurity offers gateway appliances. These appliances optimize the existing infrastructure by introducing scalability and adding the ability to archive data in the cloud. This saves cost for the service provider while giving them access to innovative storage solutions with their legacy infrastructure.

About Us

DNF Security is a leading manufacturer of dependable, mission-critical video surveillance solutions. Each DNF Security video solution is designed to handle the most complex video surveillance and physical security environments.

The company offers a comprehensive range of products that provide enhanced storage protection, redundancy, high availability, and superior scalability in each cost-effective configuration. Our video hardware platforms take the guesswork out of video surveillance.

Headquartered in the heart of the Silicon Valley, DNF has provided small businesses and enterprises worldwide with innovative storage and server solutions. We offer a comprehensive range of video surveillance solutions including intelligent digital or hybrid video management systems, video management engines, mobile surveillance systems, viewing workstations, and scalable IP storage. By using open-platform architecture on all our systems, we ensure high performance and compatibility with leading IP and mega pixel cameras, and video management software.

With a growing nationwide customer base, DNF Security simplifies the unique security video management needs of small to medium enterprises (SME), law enforcement agencies, gaming, municipalities, and government agencies.

DNF Security is a subsidiary of Dynamic Network Factory, Inc. (DNF), a leading maker of high-performance network attached storage, storage area networks, RAID and iSCSI systems, since 1998. DNF takes pride in its innovative spirit, engineering excellence, and creating cutting-edge customer-driven products. DNF has experience working with customers, including small-to-medium businesses, government agencies, universities, hospitals, financial institutions, and Fortune 500 companies. DNF's eight business units focus on specific vertical markets and technologies to cover the business and government technology space. With the expertise of DNF Storage, DNF Systems and StoneFly, DNF Security leverages innovative storage and server technologies for mission-critical IP surveillance solutions.