

Rasiliant

Optimized Storage for No-Frame-Drop Video Surveillance

When it comes to video surveillance, the quality of the recorded video is something that has lost its due significance. Though it may have been acceptable 30 years back, during the era of CCTV camera-based video surveillance, the same wouldn't fit the bill today. The ever-increasing demands of organizations have made analog video systems obsolete, replacing it with IP-based networking paradigms, causing the need to capture higher quality video to gain importance. However, even with digital technology at its most advanced stages of maturity, accounting for quality and catering to the subsequent storage requirements have been barriers to maintaining security standards. Founded in 2001, Rasiliant is a company that provides a 'No Frame Drop' solution optimizing video surveillance storage. "Typical IT data storage is not ideally suited for video surveillance. The industry needs servers and storage that are architected with the sole purpose of capturing video to provide high-performance and efficient surveillance solutions required to meet the quality," says Sean Chang, CEO of Rasiliant.

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We optimize the server and storage to capture the complete video
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The primary problem is that video is only recorded and not monitored 24X7, which leads to security mishaps. The amount of time and cost required to store video data captured from cameras that function round the clock is another challenge that organizations face. In a mission-critical scenario, it is imperative that there are no video gaps, and in order to ensure that video streaming is buffer-free without losing important data, enterprises need a forensic-grade technology that guarantees a foolproof and secure network, as well as enhances their level of security. Rasiliant has spent years developing patented technologies designed to deliver the most comprehensive and robust video surveillance solutions. One of the most important features of Rasiliant's solutions is a commitment to achieving No Frame Drop (NFD) which eliminates recording gaps and protects mission critical video.

In case of any system failures, the inbuilt "self-healing technology" works efficiently to avoid any data loss and prevent downtime. With surveillance being its only focus, catering to a vast site with abundant cameras is a specialty of this solution. The Rasiliant team ensures that their client's requirements are given high priority, and they begin with studying the location of the



Sean Chang

organization to get an accurate estimate of the number of cameras, identify the selected video management software, and then provide the entire solution including the storage, viewing station, recording servers, and analytics servers. The cost-effective nature of this technology helps businesses save on operating expenses and capital investment, making it a popular solution provider. Pre-configured systems and best-in-class hard drives assure a reliable and smooth operating network.

As the company continues to meet the demands of surveillance technology, it has come a long way from where it initially began. Making renowned transformations in surveillance from the Burj Khalifa to the Louvre Abu Dhabi and the Fairbanks International Airport in Alaska to the Azusa Pacific University, the company has reserved a sweet spot for its NFD-centric solution in the market. Companies that were previously suffering from recording gap issues due to using IT based technology surveillance systems have consistently found resolution with Rasiliant's purpose-built systems.

Worthy achievers of the Government Security Award and New Product of the Year, the company aims to include AI analytics targeting casino, airport, seaport, hospitals, and educational institutions into their product portfolio. By helping businesses overcome traditional surveillance methods and the hassles of browsing through videos several times, Rasiliant has set a benchmark for its competitors in the market. **CR**