

RAPID DEVELOPMENT OF CLOUD-BASED PRODUCT LINE MEETS SPIKE IN MARKET DEMAND

Enabled global leader in public safety and enterprise security solutions to deliver on ambitious feature enhancements, cloud modernization, and development velocity goals for its evidence management product line.

BUSINESS PROBLEM / CLIENT SITUATION

- The goal of our client’s product roadmap was an SaaS evidence management platform that securely streams, processes, and stores large amounts of video and transcript data, ensuring law enforcement personnel can conduct the legal review process effectively and efficiently.
- Faced with a double-digit surge for its body camera product line in 2020, our client needed to accelerate the stand up of this cloud-based platform, ensuring feature parity with the on-prem offering.

SOLUTION / BENEFITS

- As the client’s primary digital product development partner since 2017, Aspirent was called in to quickly deploy highly-skilled teams—with expertise spanning cloud software engineering and migration, containerization, UX/UI development, and DevOps—that could deliver across multiple products and in unprecedented timelines. Key deliverables and results included:
 - Migrated key customers from on-prem to the cloud, producing **double-digit savings for system maintenance and customer support**
 - Developed syncing solution for audio and video content in the cloud, **reducing footage editing timeframes by 80%**
 - Created the asset verification process for video evidence to meet regulatory audit compliance; developed API interfaces between hardware devices (dashcams) and cloud and on-prem storage solution.
 - Worked with a varied tech stack, including Microsoft .NET CORE, SQL Server, Azure, Docker Kubernetes containers, Windows and Linux platforms

