Synesis builds large scale services for governments and global consumers using state-of-the-art AI, Cloud, and Big Data technologies. Synesis selected Intel® Xeon® Scalable processors to support Kipod® - its AI-based video platform for smart cities, public safety and law enforcement. Intel® architecture, specifically Intel® Advanced Vector Extensions 512 (Intel® AVX-512) together with Aleph® compression technology, are enabling Synesis to reduce the use of CPU, RAM, and video storage in its Kipod platform. Running the platform on Intel® CPUs rather than a GPU architecture enables Synesis to quickly and cost-effectively deliver its cloud-based AI platform. Thus, making Kipod financially attractive to a wider pool of customers and supporting Synesis’s expansion strategy into new market segments.