

IT4.0 Storage Framework



FOR YOUR SURVEILLANCE

By implementing IT 4.0 architecture, which leverages high-performing Seagate Technology hard drives at every stage of the data workflow, security personnel improve data capture, real-time analysis, preservation and protection.

IT 4.0 Surveillance Architecture



Endpoint

Captures, ingests, analyzes and buffers



Camera & IoT Devices



Edge

Compresses, stores and develops AI inferences



NVR/DVR/micro-datacenter



Cloud

Consolidates and centralizes for Big Data and Deep Learning



Centralized Back-End IP SAN

ENDPOINTS

SkyHawk™ hard drives securely record data from endpoints, such as cameras, where the data remains on the DVR on-site for easy retrieval and playback.

EDGE

Edge computing NVRs powered by **SkyHawk™** and **SkyHawk AI™** hard drives analyze video and metadata to yield quick insights on-site before handing over data to the centralized back-end for deep learning.

CLOUD

Storing petabytes of data from thousands of cameras, servers using **Exos™** hard drives or **Nytro™** solid state drives enable scalable and secure, enterprise storage for back-end, centralized storage applications.