IT 4.0 Storage Framework

For your surveillance

SEAGATE

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

Camera & IOT Devices
Captures, ingests, analyzes and buffers

NVR/DVR/Micro-datacenter
Compresses, stores and develops AI inferences

Centralized Back-End IP SAN
Consolidates and centralizes for Big Data and Deep Learning

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.

CORE

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.