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**

**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.

**Diagram**
- **Endpoint**
  - Captures, ingests, analyzes and buffers
- **Camera & IoT Devices**
- **NVR/DVR/micro-datacenter**
- **Centralized Back-End IP SAN**
- **IT 4.0 Surveillance Architecture**