Pivot **3**

Video Surveillance

Modern infrastructure solutions for video surveillance in a highly resilient, simple to manage, scale-out appliance model

Why Pivot3 for Surveillance
Pivot3 consolidates data storage, video management, access control and other related security applications onto a single, all-in-one IT infrastructure that delivers the performance, resiliency and scalability required by modern surveillance technologies.

Key Features

- Purpose-built for video surveillance with lightning-fast solid state write cache, pooled storage and performance resources, and direct disk access.

- Designed with extreme resilience and high availability to deliver high fault tolerance, automate system failover, preventative maintenance and predictive sparing.

- Delivers enterprise-class virtual storage and compute infrastructure on industry-standard x86 servers with flexibly scalability.

Business Benefits

- Eliminate downtime to protect against critical liabilities associated with data loss and deliver maximum sustained throughput to prevent dropped frames and image degradation.

- Access video and integrated systems on any device at any time to reduce costs and improve response times and situational awareness.

- Reduce costs and complexity with simple, centralized management platform that is easily administered without specialized IT skills.

Overview

Video surveillance has evolved from a crime deterrent and investigation tool to a strategic business asset that reduces organizational risk and improves financial returns. With massive amounts of data generated by high-definition IP video, surveillance systems currently account for over 50 percent of IoT-generated data. Organizations such as transportation hubs, educational facilities, casinos, utilities, sports venues and city governments are challenged to find supporting infrastructure solutions that, unlike traditional IT servers and storage area networks (SANs), are designed to handle the demands of video workloads and don't required specialized storage or IT skill sets.
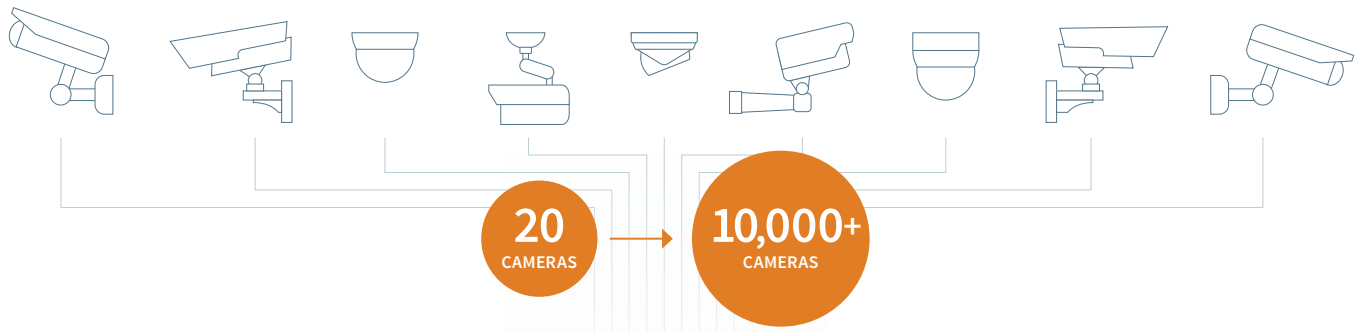

Pivot3's Surveillance Series enables organizations to consolidate data storage, video management, access control and other related security applications onto a single, all-in-one IT infrastructure that delivers the performance, resiliency and scalability required by modern surveillance technologies. This new approach, called hyperconverged infrastructure (HCI), combines server and storage resources into modular, scalable appliances that provide advanced resiliency capabilities so organizations can store video data without loss, protect their data during failure events, and ensure their data is always available when and where it is needed. And with its simple, single-pane-of-glass management, designed for ease of use by non-technical personnel, Pivot3 reduces IT complexity so organizations can focus on their business.

1 MILLION+	66	18,000	0%
CAMERAS PROTECTED	COUNTRIES	DEPLOYMENTS	VIDEO DATA LOSS

Pivot 3

20
CAMERAS

10,000+
CAMERAS

**From small to large implementations, Pivot3 is purpose-built
to handle any video surveillance environment.**

Pivot3 Surveillance Series

Consolidate video management, access control and other related applications onto
a single platform, eliminating the need for separate physical servers and providing
much higher levels of resiliency and fault tolerance to the entire application suite.
Reduce costs, complexity and valuable rack space.

VIRTUAL SERVERS

VIRTUAL SAN

BUILT-IN
**SERVER
FAILOVER**

SOFTWARE-
DEFINED
SAN

**Virtual servers restart with
no user intervention during
failures, and all previously
recorded video remains
accessible. No need for
redundant software,
licensing or hardware.**

**Resources are aggregated
together into a single
shared storage pool, fully
accessible by all cameras
and related applications.**

SCALABLE

UP TO
6 PB
IN A SINGLE RACK

ADVANCED
**FAULT
TOLERANCE**

0%
VIDEO DATA
LOSS

VIRTUALIZED
**CLIENT
ACCESS**

INDUSTRY STANDARD
x86
SERVER HARDWARE

**Patented scalar erasure
coding protects data much
better than aging RAID
technology, able to withstand
simultaneous failure of five
disks or an entire appliance
plus two additional disks.**

**Secure, fully functional client access from any device
reduces the need for costly graphics-enabled workstations.**

Pivot**3**

Pivot3 Surveillance Series

V5 Surveillance Appliances

Every single frame matters.

The V5-2000 is a is a hyperconverged server and SAN storage platform purpose-built for video surveillance workloads. With petabyte scalability, video-optimized performance and advanced resiliency, the V5-2000 meets the needs of the most demanding surveillance environments. Eliminate downtime, data loss and dropped frames.

Ideal for large-scale installations with 100–10,000+ cameras

Edge Protect Surveillance Appliances

Small footprint. Big results.

Edge Protect delivers highly resilient infrastructure for smaller installations. Get the benefits of high availability, advanced fault tolerance and SAN storage without the complexity and at a price point comparable to direct attached storage.

Ideal for organizations with 20–200 cameras or distributed locations

V5 Virtual Security Appliances

Full control. Wherever you need it.

The V5-6400 Virtual Security Appliance consolidates all video and integrated system client workstations onto one centralized platform. VSS securely delivers fully functional clients to any device, enabling complete mobile access and reducing the need to invest in expensive, graphics-enabled workstations.

Virtualized client workstations ideal for mobile and remote system access

V5 Storage Appliances

Store more. See more.

V5 Storage Appliances add storage resources to V5 Surveillance Appliance platforms without the additional virtualized servers, enabling organizations to scale storage capacity seamlessly and cost effectively.

Pay-as-you-grow scalability

About Pivot3

Pivot3's intelligent hybrid cloud and IoT-surveillance solutions provide security, resilience and management simplicity at scale for customers' mission-critical IT environments. Powered by the industry's only Intelligence Engine, Pivot3 automates the management of multiple, mixed application workloads, delivers industry-leading performance, eliminates unplanned downtime and data loss, and reduces the cost of traditional IT infrastructure by half or more. With thousands of customers in over 60 countries and deployments in education, hospitality, transportation, government, defense, healthcare, gaming, financial services and retail, Pivot3 allows IT to manage complexity at scale through intelligence and automation.

For more information about hyperconverged solutions from Pivot3, please email sales@pivot3.com or call:

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