Vega Systems, Inc.

CAMPUSES · SOLUTION BRIEF

Video security for universities and corporate campuses

Campuses are open environments spread across many buildings and sites. Vega keeps their video available through failures, outages and upgrades, inside the Milestone XProtect system you already run.

SUMMARY

What campuses need

Each part of the operation depends on video in a different way. Here is what each one needs, and which Vega product answers it.

Campus security operations	Live video stays up during a data center outage → SureStream
Multi-campus systems	A second site that is truly separate → RMF
Incident review	Footage kept for as long as investigations need it → Nidhi
Building programs	Add and merge buildings without weeks of rework → XPort
Shuttles and remote lots	Vehicle and remote cameras, live in the SOC → Atlas

THE PRODUCTS

SureStream	Client-side failover for live video in the Smart Client
RMF	Cybersecure redundancy across separate, isolated XProtect sites
Nidhi	The XProtect archive, extended to cloud storage
XPort	Automated XProtect migration: merges, splits, upgrades, storage moves
Atlas	Remote and vehicle cameras over cellular, into the SOC

Built for Milestone XProtect. Atlas is built on open ONVIF for any VMS.

CAMPUS SECURITY OPERATIONS

Live video stays up during a data center outage

The challenge

If the data center fails, is being patched or comes under attack, the security operations center can lose every live view at once.

SURESTREAM

Client-side failover for live video

Operators switch to direct camera streams in the Smart Client and keep live video and PTZ on the cameras that matter most. No extra servers to rack.

MULTI-CAMPUS SYSTEMS

A second site that is truly separate

The challenge

Clustering and SQL replication tie sites together, so a fault or compromise at one copy can reach the other.

RMF

Cybersecure redundancy across separate sites

Two isolated XProtect sites, each with its own management server, SQL database and recorders. Every camera records at both, and only selected objects sync through the Milestone API. In the Federated and Single site architectures, live video moves to the other site near instantaneously, hands-free and per tile.

INCIDENT REVIEW

Footage kept for as long as investigations need it

The challenge

Investigations and claims reach back months, and retention keeps outgrowing recorder storage.

NIDHI

The XProtect archive, extended to the cloud

Older footage moves to Amazon S3, Google Cloud Storage or S3-compatible storage and plays back straight from there, with no restore step. Only XProtect deletes, so evidence locks are honored, and archived footage survives the loss of a recorder.

BUILDING PROGRAMS

Add and merge buildings without weeks of rework

The challenge

New buildings, mergers and version upgrades mean moving cameras and recorders between systems.

XPORT

Automated XProtect migration

Merges, splits, one-step upgrades and storage moves, carrying configuration and recorded footage across, so projects take less time and cost less than doing it by hand or with ad hoc scripts.

SHUTTLES AND REMOTE LOTS

Vehicle and remote cameras, live in the SOC

The challenge

Campus shuttles, remote parking and outlying sites sit outside the wired network.

ATLAS

Remote cameras over cellular, into the SOC

Atlas runs inside Cradlepoint cellular routers and presents each remote camera to the SOC as an ONVIF device. The edge makes outbound connections only. Built on open ONVIF for any VMS.

Planning for your site?

Share your XProtect architecture and what must keep running. We will map out the right resilience with you.

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