

PARTNER SOLUTION OVERVIEW

ARUBA & CLOUDVUE

See the Edge from the Cloud

INTRODUCTION

Traditional enterprise camera systems have historically been closed network systems, isolated from the LAN, requiring proprietary software running on dedicated machines and recording devices. The migration to IP-based camera systems requiring PoE and internet connectivity, means that cameras are now essentially another client on the corporate LAN.

With improvements in throughput and the cost savings associated with decentralized storage, enterprises are rapidly migrating from on-premises video hosting to cloud-based video storage. This simplifies deployments and reduces the cost and complexity of maintaining on-premises infrastructure.

Advances in camera sensors, chipsets and AI have created a class of smart cameras that in addition to surveillance, can provide real-time analytics and alerts on things like people, vehicle and object detection, people counting and crowd formation. This further evolution of the camera as a sensor has elevated surveillance from a loss prevention tool to a business intelligence engine, with value across lines of business.

Aruba has partnered with Cloudvue, a division of Johnson Controls, to provide customers with a scalable and flexible cloud based physical security platform.

ABOUT CLOUDVUE

Cloudvue delivers smart, secure and healthy workspaces with elegantly simple cloud video surveillance to improve security operations and help with organizational efficiency. Cloudvue provides powerful analytics that transform video surveillance footage from forensic data into actionable information that can prevent incidents before they happen. As a cloud-based solution, Cloudvue can be centrally managed from one browser or mobile devices from anywhere in the world, is easily scalable as businesses evolve and change, and helps streamline cost by moving expensive on-premises security infrastructure to the cloud.

WHY ARUBA AND CLOUDVUE

- Plug and play, cloud managed surveillance and access control system
- Intuitive web based management interface available from any browser or via an Android or iOS app
- Highly customizable on-camera or cloud based video retention options of up to 5 years
- No vendor lock in and in most cases can interoperate with customers' existing camera fleet
- Advanced analytics capabilities including people, vehicle, object, crowd and loiter detection
- Edge to Cloud security with Aruba ClearPass and Dynamic Segmentation

Because cloud surveillance technology solves so many common challenges and limitations associated with traditional on-premises systems, Cloudvue is truly a horizontal solution. Anywhere there are surveillance cameras, Cloudvue can make them work better and smarter. In addition, places where it had been impossible to connect IP cameras can now be connected thanks to the cloud.

In addition to cameras, Cloudvue offers gateways that can connect to existing cameras. The gateways can also add edge analytics to cameras that don't have analytics functionality built in, turning them into smart cameras.

The entire Cloudvue solution can be purchased as a service, which creates flexible purchasing options, and streamlines operational efficiency with automatic upgrades and features that are included with no extra cost.



Cloudvue Camera Portfolio



Cloudvue Gateways

BETTER TOGETHER

PoE powered Cloudvue cameras can take advantage of Aruba's unique "colorless port" capability. Since with Aruba, the role follows the device and is not tied to a physical port, it makes installation and adds/moves/changes simple with the joint solution. It doesn't matter which physical switch port the Cloudvue camera is plugged into – the security profile is identical.

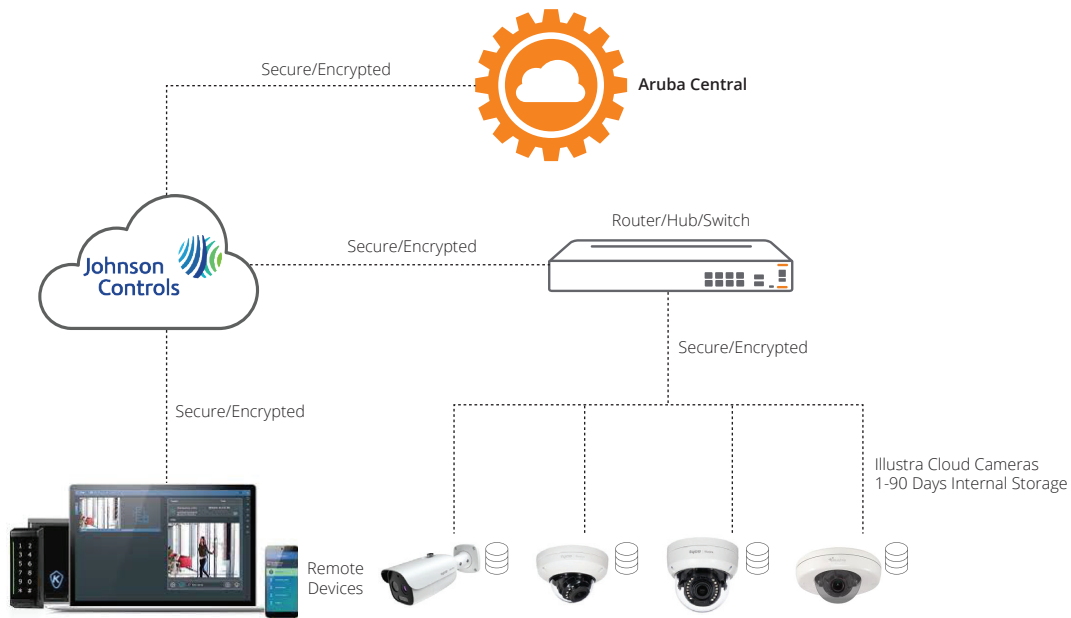
Aruba's Dynamic Segmentation can ensure that the video traffic can be sent from the camera to its destination, but because of its role, the camera cannot access assets on the network that are not critical to its operation.

UNIQUE VALUE PROPOSITION

Together Aruba and Cloudvue can provide a complete camera and network solution as a service. Unlike competing solutions, with Cloudvue, there is no need to rip and replace existing cameras. The Cloudvue gateway can preserve your camera investment and add additional analytic capabilities to those cameras. Customers can replace older cameras with smart cameras at their own pace.

And, if for some reason, customers decide not to continue with their Cloudvue subscription, the Cloudvue cameras they invested in still function. This is not true with competing cloud cameras that are completely unusable if the subscription is not renewed.

Aruba's Edge-to-Cloud security including Dynamic Segmentation enables secure connectivity for Cloudvue cameras connected via Aruba PoE switches.



Aruba & Cloudvue Joint Solution Diagram

CERTIFIED INTEROPERABLE

We've taken the guesswork out of deploying cloud-based video solutions by certifying interoperability between Cloudvue cameras and Aruba PoE switches. Set-up is a breeze, and joint deployments go in faster and are easier to maintain.

To deploy the solution, connect the cameras to an Aruba PoE capable switch and set up a Clearpass profile for the camera to define its role.

SUMMARY

Aruba's secure infrastructure is the ideal way to support Cloudvue solutions in enterprises of any size. Contact your local sales representative to see how together Aruba and Cloudvue deliver the most flexible and cost-effective smart camera solution in the industry.

DEPEND ON CLOUDVUE, A JOHNSON CONTROLS COMPANY



Thousands of the world's leading businesses trust Cloudvue for smart and secure video surveillance and access control. The Cloudvue team invented cloud video surveillance in 1999 and has been continuously innovating ever since.

<https://www.cloudvue.io/>

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