



# Clovis Police Department Powering Real-Time Intelligence with RGB Spectrum



## Introduction

Located in the heart of California's Central Valley, the Clovis Police Department serves the rapidly growing community of Clovis, California — a vibrant city situated just northeast of Fresno in Fresno County. Home to over 129,000 residents, Clovis is known for its strong community values, family-friendly neighborhoods, and forward-thinking city leadership. Once a historic railroad town, Clovis has transformed into a modern, thriving municipality, consistently ranked among California's best places to live.

Despite its growth, Clovis maintains a lean public safety model, with approximately 130 sworn officers and a total department staff of about 230 employees. The department takes pride in its reputation for innovation, responsiveness, and community trust, often operating with fewer resources than larger metropolitan areas — yet delivering highly efficient and effective policing services. As the city continues to expand — adding new residential developments, commercial centers, and educational infrastructure — the need for advanced, real-time public safety technology has never been greater.

Recognizing this, Clovis PD launched a bold initiative to build a Real Time Information Center (RTIC) — a centralized hub designed to unify data from hundreds of surveillance cameras, license plate readers, dispatch systems, drone feeds, and body-worn cameras. The department's goal: enhance officer safety, accelerate response times, and support smarter decision-making across the entire public safety ecosystem. With a deep commitment to innovation and collaboration, the Clovis Police Department is setting the standard for what's possible in modern law enforcement.

## The Challenge

As technology rapidly reshapes the public safety landscape, Clovis PD faced a key question: How could a lean, high-performing department continue to meet the demands of a growing city while maintaining visibility, speed, and responsiveness across a diverse set of threats and situations?



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CURT FLEMING, CHIEF OF POLICE,  
CLOVIS POLICE DEPARTMENT

For Clovis PD, the answer began with re-imagining how real-time data is gathered, visualized, and acted upon. The department managed streams of mission-critical information from hundreds of surveillance cameras, LPRs, drones, dispatch systems, and body-worn cameras — but these assets were siloed and difficult to manage from a single point of control. Officers and dispatchers needed faster access to the right information at the right time, and leadership needed a way to centralize command operations without overwhelming staff or adding layers of complexity.

What Clovis required was a unified platform that could make sense of multiple inputs, prioritize action, and scale as the city's needs evolved. It had to be powerful, but also intuitive and accessible to analysts, officers, and supervisors alike. Most importantly, it needed to be built in a way that would support not just today's workflows — but the future of real-time collaboration between departments, field units, city leaders, and neighboring agencies.

That vision became the foundation for Clovis PD's Real Time Information Center (RTIC) — and set the stage for a successful deployment with RGB Spectrum and Wildfire Technology.

## The RGB Spectrum Solution: *Zio* and *XtendPoint* in Action

At the heart of Clovis PD's RTIC is RGB Spectrum's *Zio*® AV-over-IP platform and *XtendPoint*™ KVM-over-IP system, providing the centralized control, flexible visualization, and easy expandability the department needed.

### *Powering the Visual Backbone*

The *Zio* 4000 video wall processor seamlessly drives a 14' x 5.6' Barco TruePix 0.9 mm pixel pitch LED video wall, displaying live video from across the city, interactive maps, drone feeds, dispatch data, and analytic tools. With 16 HDMI inputs and 12 outputs, *Zio* acts as the visual brain of the RTIC — integrating diverse content streams into a single pane of glass for maximum awareness.

- Operators can quickly shift between presets for specific scenarios (e.g., drone deployment, vehicle pursuit, or major traffic events).
- Video streams are not only viewable in the RTIC but are routed to other locations, including Dispatch, the Emergency Operations Center (EOC), supervisor offices, and field units.
- *Zio* also supports future integration with remote web access portals — allowing city officials and council members to view situational data during major incidents.

### *Control with Confidence*

Clovis PD operators use RGB Spectrum's *XtendPoint* KVM-over-IP to control and interact with up to eight independent systems simultaneously using a single keyboard and mouse. Each operator station features two 43" curved 4K displays, creating a panoramic, ergonomic environment that consolidates workflows and boosts productivity.

"What sold me on RGB was how effortless it was for everyone to manipulate the screen and display what they needed — everyone had access, and it just worked," said Chief Curt Fleming.

This intuitive plug-and-play interface significantly reduces training time and enables officers, dispatchers, and analysts to work fluidly between tasks — whether monitoring cameras, controlling drones, running license plates, or launching live body cam feeds.

## Future-Ready Architecture: Built to Expand

RGB Spectrum's IP-based architecture offers the flexibility Clovis PD needs to grow and adapt over time:

- **Drone Expansion:** As Clovis expands its DFR (Drone as First Responder) program with multiple Brink drone launch sites, the system will support direct drone video integration into the video wall and remote routing to field teams and fire personnel.
- **Body-Worn Cameras:** Using Axon's new Respond technology, live body cam video is now accessible in real time — giving analysts and dispatchers critical visual data, especially when officers can't communicate via radio.
- **Mobile Command & Trailers:** RGB Spectrum's architecture enables future integration with mobile assets like camera trailers and portable operations centers, giving Clovis PD the tools to bring their RTIC capabilities to festivals, parades, emergencies, and other offsite events.

"We're not just solving for today's challenges — we're setting the foundation for tomorrow's public safety technology," said Chief Fleming.



## The Human Factor: Designed for Everyday Use

Despite the complexity of the system's backend, Clovis PD has found it remarkably easy to use. From video wall presets to *XtendPoint* switching, every component was designed with the operator in mind.

Chief Fleming notes that even with staff rotating through dispatch or new to the RTIC, most users are up and running with minimal training. As the department continues to grow its analytics and drone teams, they're confident in scaling the system further — without retraining or major technical overhauls.



## Inter-Agency Collaboration & City Council Engagement

The new RTIC isn't just benefiting Clovis PD — it's elevating collaboration with fire, EMS, and neighboring jurisdictions.

- **Fire & EMS:** Fire department command staff are integrated into the drone viewing platform, allowing them to view aerial video in real time from their phones or tablets.
- **County-wide Visibility:** Drone video and surveillance feeds are shareable with county partners via secure portals, enabling unified situational awareness across jurisdictions.
- **City Council Access:** The *Zio* platform can generate remote viewing links that allow City Council and department heads to access selected live data and camera feeds during major incidents or EOC activations — keeping decision-makers informed without disrupting operations.

This capability has not only improved response times and safety but has also proven to be a valuable selling point for gaining city support. Community leaders now have full visibility into how investments in public safety technology translate to real-world benefits.

## The Role of Wildfire Technology: Seamless Execution

As the system integrator, Wildfire Technology delivered end-to-end project success. From vendor selection and budgeting to installation, training, and post-deployment support, Wildfire guided Clovis PD every step of the way.

- Created detailed project plans and electrical requirements
- Helped secure sole-source documentation to streamline approval
- Completed installation and commissioning in under 30 days
- Provided responsive support and firmware updates post-launch

"Everything was clean, professional, and ahead of schedule. Their team cared about the space like it was their own," said Chief Fleming. "That kind of integrity is rare."

## Forward-Thinking Technology Deployment

Clovis PD's RTIC is built not just for today — but for the evolving needs of tomorrow. From integrated drone surveillance and mobile command capabilities to remote city leadership access and future third-party analytics platforms, the department is thinking beyond traditional law enforcement.

They've already begun planning to host open houses and agency tours, sharing their story to help others nationwide modernize their own public safety operations.

"If something doesn't work, we'll say so. But RGB Spectrum's real-time visualization system is absolutely working for us — and we rely on it every day," added Chief Fleming.

## Final Thoughts

The partnership between RGB Spectrum and Wildfire Technology helped Clovis PD bring its vision of a fully connected, mission-critical Real Time Information Center to life. The result is a scalable, ergonomic, and operator-friendly environment that strengthens officer safety, improves situational awareness, and increases the department's ability to respond and adapt in real time.

**"This isn't just about the tech — it's about what the tech enables. And with RGB and Wildfire behind us, we've built something that's going to serve Clovis for years to come."**

—CHIEF CURT FLEMING



Contact us to learn more.

RGB Spectrum HQ: 1-510-814-7000 • Contact your sales manager: [rgb.com/contact](https://www.rgb.com/contact).

1101 Marina Village Pkwy, Suite 101 • Alameda, CA 94501

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