



AT&I Systems

ACCESS TECHNOLOGY & INTEGRATION



Location

Located in West Palm Beach, Florida, Portosol HOA is a large residential community spanning several hundred acres, with nearly half the property dedicated to shared amenities and common areas. The community consists of single-family homes and features multiple gated entrances, lakes, tennis and basketball courts, a sand volleyball court, and a resort-style pool and clubhouse.

With extensive amenities and multiple access points, Portosol operates as a high-traffic residential community requiring consistent monitoring of entry points, recreational areas, and shared spaces. The sheer size and layout of the property means that gaps in coverage or outdated equipment can quickly create blind spots that compromise both safety and response time.

Maintaining visibility, safety, and control across such a large footprint is critical for both residents and property management alike.

Challenge

Portosol HOA required a comprehensive security upgrade to effectively monitor its multiple gated entrances, amenity areas, and common spaces across a large and complex property. Existing infrastructure needed significant improvements, including new camera placements, better coverage angles, and enhanced monitoring capabilities. Many locations required new cabling infrastructure, with some areas needing trenching and underground conduit installation due to limitations in existing pathways.

Without a unified, modern system with intelligent analytics, monitoring activity, detecting unusual behavior, and maintaining proactive security across the property was inefficient and limited in effectiveness. Key areas such as entry and exit gates, parking areas, and recreational amenities lacked the level of oversight needed to respond quickly and confidently to activity across the community.

As the community continued to grow, a scalable, fully integrated solution was needed to improve visibility, strengthen security, and support long-term operations.



Solution

Portosol HOA partnered with AT&I Systems to deploy a cloud-based Verkada surveillance platform, providing centralized monitoring, improved visibility, and simplified management across the community. AT&I implemented a comprehensive solution combining a mix of camera types — including license plate recognition, bullet, dome, and multi-sensor cameras — strategically placed across gated entrances, guardhouses, and key amenity areas to ensure full coverage of both vehicle traffic and high-activity spaces. Each camera type was selected and positioned to address the specific visibility needs of its location, with built-in AI analytics providing an additional layer of intelligence to detect unusual activity and maximize coverage across the property.

New network cabling was installed using existing underground conduit where possible, with additional trenching and new conduit added where needed to ensure reliable connectivity throughout. Wireless antennas, a centralized network enclosure, and new camera poles were also installed to extend coverage and improve mounting positions in harder-to-reach areas. Together, these infrastructure upgrades laid a solid foundation for a system that is both high-performing today and ready to scale as the community's needs evolve.

Results

The new system significantly improved visibility, security, and operational efficiency across the community. Management can now monitor all key areas — entrances, amenities, and common spaces — from a single platform, simplifying daily operations and improving situational awareness. Enhanced camera coverage and updated infrastructure provide clearer views of critical areas, enabling faster and more effective incident review.

Reliable connectivity across previously challenging locations ensures consistent performance, while improved camera positioning delivers better oversight of both vehicle and pedestrian activity. The result is a scalable, fully integrated security system that supports long-term operations and helps maintain a safer environment for all residents.