



Luxury IT Network at Chincoteague Bay RV Resort & Cottages

LinkPower™ LPS3400ATM-T1E and LPS3802ATM-T1E



Chincoteague Bay RV Resort & Cottages, a Blue Water owned and operated property located on Virginia's only resort island, Chincoteague, offers stunning waterfront views and modern luxury amenities. Positioned at the south end of the island, the resort provides guests with unique experiences, including views of NASA rocket launches from Wallops Island. To support its state-of-the-art accommodations and high guest expectations, the resort required an advanced IT network capable of delivering high-speed connectivity, seamless integration with various devices, and resilience against harsh environmental conditions.



LinkPower™ LPS3400ATM-T1E

LinkPower™ LPS3802ATM-T1E

The Need

The resort faced significant challenges in designing its network infrastructure. Guests expected reliable, high-speed internet for streaming, remote work, and leisure activities, creating substantial bandwidth demands. At the same time, the outdoor environment required equipment able to withstand harsh weather conditions such as rain, saltwater exposure, and wide temperature fluctuations. The network also needed to be scalable and capable of integrating seamlessly with wireless access points, surveillance cameras, and smart TVs ensuring smooth operations and an enhanced guest experience.

The Solution

Working in collaboration with Inscope Data, Noovis designed and implemented a robust, future-proof IT network infrastructure to address these challenges. At the core of the solution were the LinkPower™ contractor-grade, IP68-rated LPS3400ATM-T1E and LPS3802ATM-T1E Outdoor Managed Gigabit PoE switches. These switches provided both power and data transmission through a single cable, simplifying installation while reducing costs. Their IP68-rated enclosures ensured long-term durability, protecting the network against the harsh waterfront environment.



The network architecture was built around a 1 Gbps fiber circuit connected to a central Main Distribution Frame (MDF) at the resort's Welcome Center. From there, single-mode fiber extended connectivity to key locations across the property, including bathhouses, light poles, and guest cottages. Wireless access points, connected to the PoE switches via Category 6 cabling, were strategically placed to deliver seamless Wi-Fi coverage throughout the resort.

Results

With Inscope Data's LinkPower™ contractor-grade switches, Noovis delivered a fully connected resort. Guests enjoyed reliable high-speed internet, while smart integration improved surveillance and staff communications. The weatherproof LinkPower™ IP68 PoE switches reduced downtime and costs, and the scalable network is ready for future expansion.

"Inscope Data's outdoor PoE solutions allowed us to deploy a reliable network in an environment where traditional equipment would fail." – Noovis Team



Corporate Headquarters
2012 Hartog Dr, San Jose, CA, 95131, U.S.A.
PHONE +1.408.392.9800 FAX +1.408.392.9812
EMAIL sales@inscapedata.com



Product Information Online

Noovis Contact Page

