

Case Study

SkyFidelity Implements HD Security Camera System for Belle Harbor in Clearwater Beach, Fl.



Background

Belle Harbor in Clearwater Beach former security camera system was outdated and lacked the level of surveillance technology needed to properly secure the marina.

Solution

To safeguard the marina against vessel theft and vandalism, SkyFidelity proposed an HD wireless surveillance solution.

Results

SkyFidelity installed the first of its kind wireless security system over the entire Belle Harbor Marina. SkyFidelity installed eight (8) "wireless" HD security cameras throughout the Belle Harbor Marina all operating upon a WiFi HotSpot access point manufactured by SkyFidelity's technology partner, Wialan Technologies, Inc.

Customer Benefits

Protects again Security Threats

24/7 Live Streaming Security Cameras with 90 Day back up

Deters Criminal Activity

Lowers Insurance Premiums

Enhances Emergency Response to Accidents/Fire/Vandalism

Case Study

Belle Harbor Sees Need for Enhanced Security

Situated in Pinellas County, Florida, Belle Harbor is a recognized condominium community located on the inter-coastal waterways of Clearwater Beach, Florida encompassing an eighty boat slip marina and resort. With no surveillance cameras overseeing the activities around the marina area and aging hard wired camera security network within the condominium complex, the condominium association was seeking an HD camera security system to complement its existing security networks and 24/7 security staff. Belle Harbor, like all resorts in the United States desired a sophisticated 24/7 security camera surveillance network that would provide its security staff with constant monitoring capability and the ability to instantly respond to any threats to the boats located in the marina.



Skyfidelity was retained to survey the existing marina and security system and make recommendations in order to address Belle Harbor's security concerns.

Strong Technical Expertise Offered by SkyFidelity

Belle Harbor required a security integrator with strong technical expertise and a proven background designing surveillance cameras systems for wide-open areas. What drew Belle Harbor to SkyFidelity was its responsiveness and full implementation service offering. SkyFidelity immediately stepped into full gear, providing a complete project assessment of the port's unique security requirements and location in Clearwater Beach, FL.



SkyFidelity sent an implementation coordinator to Belle Harbor to conduct a thorough walk-through and audit of any perceived security threats that would impact camera placement. Strategically deployed cameras above the parking lot facing the exit and entrance would be key to capturing license plate numbers of all port and marina visitors. The implementation coordinator, along with a team of IP experts, then created a plan for the substantial project, and determined that a wireless surveillance system with HD resolution would be the answer to tightening security. Belle Harbor was an ideal candidate for wireless surveillance due to the high cost of trenching in many outdoor settings. In wide open spaces such as parking lots, running network cables long distances can be virtually impossible.

Case Study

Belle Harbor Recognizes Need for Enhanced Security

SkyFidelity Installs the First WiFi Security Surveillance System over water in Florida Based Entirely Upon WiFi Connectivity

The wireless video surveillance system installed at Belle Harbor included eight (8) infrared HD surveillance camera operating from a WiFi Hot Spot installed at the facility by SkyFidelity. The WiFi access point equipment was manufactured by SkyFidelity's technology partner, Wialan Technologies, Inc to specifically address the challenge of providing enough wifi bandwidth to sustain a multiple camera surveillance network on a 24/7 basis.



The Optica B240M bullet is an outdoor camera, offering true day/night vision, full 1080p resolution, a motorized varifocal lens, and a heater for temperature down to -40F. The vandal dome camera also comes with full HD resolution and wide dynamic range, enabling broad coverage of the parking lot and well-defined video detail. The powerful 18x PTZ speed dome is a vandal-proof outdoor camera with a 360-degree pan, making it a perfect fit for monitoring large open spaces such as the marina and parking lot.

The centerpiece of the wireless surveillance system is an NVR with Milestone's intuitively designed "XProtect" video management software platform, which allows Belle Harbor to record video for up to 30 days. The network video recorder from SkyFidelity provides a ton of storage. With the help from technical support team, the Milestone video management software is configured to record on motion in the parking lot, capturing license plate numbers as cars enter and exit. The system is designed with professional wireless equipment, enabling Belle Harbor to record over long distances. With wireless transceivers and omni-directional antenna, Belle Harbor can successfully receive HD video from cameras installed all around the port property.



SkyFidelity Provides Implementation Support and Training

Throughout the project implementation, the technical support team at SkyFidelity set up the Milestone NVR to meet Belle Harbor's security and operational needs, handling all aspects of system configuration. The

implementation team oversaw the installation of all cameras, server, and wireless components, including the transceivers and antennas. To ensure a successful project handoff, the team provided extensive end-user training in Milestone's video management software so Belle Harbors staff would feel confident operating the cameras' settings, recording schedule, and video search features.

Tackling Theft & Vandalism While Also Providing Live View of Marina

With the new system in place, the marina and parking area of Belle Harbor are safeguarded against a host of threats like vehicle theft, vandalism, parking lot aggression, and more.

Notably, Belle Harbor will provide security staff with live streaming camera surveillance for the entire marina area and the exterior pool areas adjacent to the inter-coastal waterway of Clearwater Beach, Florida. Based upon the successful installation of the eight (8) camera surveillance system, the residents and staff of have a constant committed surveillance network that addresses its concerns for safety, theft deterrence and enhances Belle Harbors's ability to responds to emergencies in and around the marina area.

Bell Harbor's reliable security blanket of high-tech video surveillance cameras has already increased public trust and safety. Belle Harbor and it's staff have been tremendously satisfied with the results of the newly installed HD surveillance cameras.