

Adding Security and Communication to a National Historic Site



THE SCENARIO

As a popular attraction, this national historic site always had tourists visiting throughout the day. The site was formerly a military fort used during both World Wars I and II. Currently preserved and managed by the National Park Service, the historical site includes a 999-acre campground, 11,000+ feet of saltwater shoreline, and over six miles of scenic hiking trails.

While the campground and shoreline were visible from the site's information center, tourists were inadvertently getting lost within the outlying hiking trails. The interlaced trails had marked intersections, but unfortunately, inexperienced tourists still found it difficult to navigate through the intricate labyrinth. With the majority of the trails being in a dense forest, cell service was unavailable to call for help if someone needed assistance.

Regional Directors at the National Park Service wanted to provide safer hiking adventures for all their outdoorsy tourists. To do this, they recognized there was a need to have help calling points with strobe lights installed at trail intersections. These would give tourists a reliable method to call for help while providing security staff with a visual indicator as to where a call was initiated.

An IP video intercom with emergency calling allowed staff to easily assess situations and react more quickly to urgent cases.

THE SOLUTION

By choosing an IP video intercom with emergency calling, tourists who visited this national historic site had the exact communication features the Regional Directors desired.

Installed along the hiking trails were discernible towers with dual-call stations, which were easily seen and covered long distances using fiber optic converters. If help was needed, tourists could call staff without worrying about spotty cell service.

Standard buttons called the front desk, and the emergency buttons would reach the security office. This button differentiation allowed staff to quickly distinguish common calls from urgent situations. If the emergency button was pushed, the tower strobe would be activated too, making it easier to locate distressed callers through the foliage.



Hiking Trails



Discernible towers and dual-call stations gave tourists a reliable way to call for help while hiking the rural areas of the historical site.

When an emergency call came in, the activated strobe light made it easier for the rangers to pinpoint hikers in the dense woods

Information Center

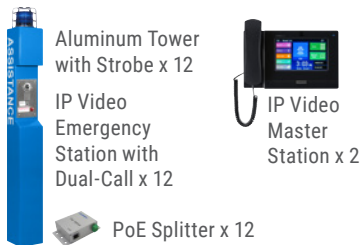


THE BENEFITS

- Easy-to-see towers provided tourists with a method to call for help along the rural hiking trails without having to worry about spotty cell phone service
- Dual-call stations gave tourists an option to ask for general assistance or to notify security staff if they were in distress
- Two interior stations allowed staff to quickly differentiate the level of help that hikers needed; one located at the information desk received general calls while the second located in the security office only received emergency calls
- Emergency calls activated the strobes located on the towers where the calls were initiated, making it easier to find hikers in the dense forest

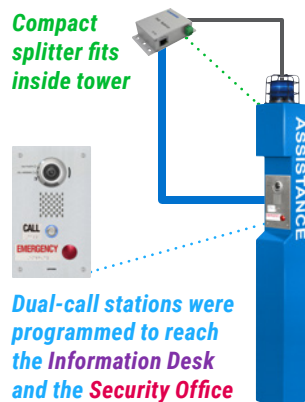
System Configuration Example

Aiphone Components



Application was for a national historic site with an information center and twelve calling points throughout the site's hiking trails, all connected over a local network. Diagram represents the information center and a single calling point.

Hiking Trails



Information Center

