LTS
Video Solutions for Security Professionals™

At a Glance:

Market:
Cities

Location:
Boca Grande, Florida

Application:
Cameras applied to Boca Grande beaches

Case Study: Bringing Boca Grande to the World using IP Cameras

Introduction

Boca Grande, Florida is a small town on a beautiful island. Light blue ocean and sugar sand beaches surround the island. This picturesque view draws in tourists from all over the world. The city wanted to share its view of the beautiful beaches with the world through the internet.

Challenge

The internet is a great medium for sharing information, including camera feeds. Analog and HD-SDI cameras cannot directly communicate with a network. They would need a converter or adaptor. An IP camera is a more appropriate solution. Most IP cameras, LTS Platinum and V Series have a web client interface. They require a username and password to use, remote access can be granted via port forwarding. This solution is

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not scalable due to limited simultaneous logins. Furthermore, the camera streams and local upload speeds have limits.

Solution

Our Platinum series of IP cameras, such as CMIP5353-Z, supports a feature called RTSP (Real Time Streaming Protocol). This is an open video streaming standard designed for interoperability. Alone, the IP camera can only support a few RTSP connections, but with a reflector streaming service the bandwidth limitations can be overcome. The reflector service, HDRelay in this case, takes one stream from the camera and copies it. Pricing is in tiers depending on the bandwidth needs of the customers. The service is fully compatible with any Platinum Series IP camera because they support RTSP.

Featured Products:

(CMIPP5353-Z) Platinum IP Bullet 5MP

Results

The cameras are installed and linked to the Internet. The solution has been realized: two LTS Platinum Series IP cameras are visible to the world. The customer was also negotiating the reflector streaming account details. In the interim, HDRelay has made low quality demo links available (HD/720P is possible)..

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