

CASE STUDY

Background

Crowley's Yacht Yard has been Chicago's premier full-service land yachting facility since 1978. This facility handles both sail and powerboats of all shapes and sizes. They have indoor and outdoor storage options for over 1,400 boats.

Challenge

Crowley's Yacht Yard wanted to provide

- Broadband wireless access for boaters and employees and
- Security for their facility by enabling full-time video surveillance.

Solution

Proxim's Tsunami™ MP.11 was deployed to enable round-the-clock premise and property surveillance at Crowley's. Sixteen IP cameras were used to capture real-time video images. Video data backhaul was achieved through the Tsunami MP.11.

To provide Crowley's customers and employees with broadband wireless access, Proxim's ORiNOCO® AP-4000MR dual-radio outdoor mesh access points and ORiNOCO AP-700 indoor access points were also deployed.

Why Proxim

Key requirements of a surveillance system are rapid deployment of the system, Quality of Service and high bandwidth. Proxim Tsunami MP.11 supports voice, video and data for both fixed and mobile environments. It also offers IEEE 802.16e (WiMAX) QoS, providing as many as eight classes of service with up to eight service flows per class. The MP.11 system also boasts an over the air data rate of up to 54 Mbps.

The dual radio architecture of ORiNOCO AP-4000MR doubled the capacity by separating the mesh backbone traffic from edge access traffic. Seamless integration between the ORiNOCO indoor and outdoor access points enabled Crowley's existing Wi-Fi network to extend outdoors.

Proxim Wireless products provided Crowley's Yacht Yard a highly reliable, secure and a high performance network that was quick to install and was cost-effective.



"Most important, the network is highly reliable, installation was quick and cost-effective, and performance has exceeded our expectations." - Grant Crowley, owner of Crowley's Yacht Yard.