

Case Study – Marina – Public Hot Spot

Special points of interest:

- Wireless Hybrid Solution
- High Capacity
- Marine Industry
- Low Latency for VPN
- Security for sensitive data
- Revenue Generation for Client
- Ease of Use for End users

SkyNet is pleased to share our recent success in designing and installing a Internet Hot Spot for Customers in the Marine Industry

The Challenge ...

Our customer is a large Marina north of Toronto.

They came to us with a problem that is not uncommon. They have a single internet connections coming into their complex. They have a number of offices onsite that require internet and LAN connectivity, and a large number of customers that have requested internet access.

Summary of pain points ...

- Multiple Office Buildings
- Need for LAN Connectivity
- Need to provide Internet Access for customers
- Need for a simple way to give internet to customers, security and reliability being priorities, as is both ease of use and billing for those customers.

Hot Spot Solution



The Solution ...

For this client SkyNet was able to design a solutions that exceeded their expectations, and was installed on time and on budget. The design consisted of multiple low cost backhaul links that delivered the Internet and LAN connectivity to key offices throughout the compound. Layered on top of the backhaul was Wireless 802.11 distribution equipment that created pockets of Internet Hot Spot Connectivity for end user to connect to through their wireless notebooks.

SkyNet was also able to take this a step further by installing a radius server to securely authenticate internet usage, and bring in a trusted partner to integrate a customized home screen where end users can use their credit cards to purchase weekly, or monthly access packages for internet use. The end result was secure, reliable, and easy to use for the client and end users alike.

Technology Overview ...

Capacity - SkyNet backhaul solutions start at 10 mbps and can scale as high as 1000 mbps. Some of these solutions are software upgradeable to the solution can grow to meet your needs. Our solution span distances up to 40KM apart.

Security - SkyNet Solutions are designed with the highest security. We employ AES at a minimum, and many of our solutions incorporate a proprietary security that includes mac addressing and 64 bit encryption that changes with each burst of information.

Availability - SkyNet solutions are engineered and designed for 99.999% availability. We work closely with our vendor partners to ensure that our solutions include enhanced NBD warranties to ensure the end result is robust and reliable.

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