





























Walking Draglines

PLC monitoring

Winkel PC

These giants are 120m high and comprise

Voice over IP Telephone Video Camera





Greece – First "Hot Country"

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Challenge

- > Population of over 10 million people
- Very low broadband penetration of 0.1% of the population as of January 2004
- > Host of the summer 2004 Olympic games
- Needed to accelerate broadband deployment in Athens and across the country for businesses, hotels and residents.

Requirements

- > Deliver Internet access, IPSec tunneling, Virtual LAN, roaming and corporate services
- Ensure that the network could support future services including Video on Demand, Voice over Wi-Fi, Wi-Fi to GSM roaming and mobile enterprise applications



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Greece - First "Hot Country"

Solution

- > Phase I: Deploy 120 wireless hot spots with wireless backhaul at Athens hotels and outdoor areas for the summer Olympic games as well as to surrounding cities
- Phase II: Deliver last mile access to core business customers including hotels, vacation villages, airports, exhibitions and conference centers across Greece
- Phase III: Includes an additional 350 hot spots, wireless backhaul and last mile access to businesses and residences.
- Wireless technology is perfect for quick and easy deployment of network infrastructure
- > Wireless solutions meets future technical

With the surge in tourism from the summer games, we were able to quickly deliver wireless high speed Internet access at hotspots so that reporters like fr. Toshiharu Tsuji with the apanese press could quickly relay stories to Japan and burists could stay in touch with friends back home,"

proxim

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Mr. Zografidis Nikolaos, CEO,



(co)))((ct)))(

Oslo Airport, Norway Hotspot

Challenge

Need to providing secure and mobile Internet, corporate networking and email access throughout the entire airport, including all public areas both inside and outside the terminal, baggage-handling areas, a conference centre and the airplane cockpit, as well as the Radisson SAS Conference Centre East.

Solution

- A wireless Internet zone, called IP-zone, using 250+ ORINOCO AP-2000 located in tech rooms designed for this purpose and throughout the airport, that are not noticeable to the general public
- No interference with airport communications, particularly air traffic control, intelligent radio channel planning, and secure VPN.

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Voice & Data Backhaul

United Nations World Food Program

Challenge

To provide voice and data communications in disaster relief situations. To reduce these costs by replacing multiple VSAT links into each camp.

Solution

- > Tsunami Quickbridge 11 point to point links to connect camps up to 20km apart. A single high bandwidth satellite link is now able to serve multiple sites. Currently the UN have replaced over 60 VSAT links enabling budget to be utilized in more critical areas.
- Cost effective solution with very rapid ROI. Ease of installation.



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WLAN costs \$148,75		\$ 83,100
Fotal \$231,85	VLAN costs	\$148,750
	Total	\$231,850
Estimated Revenue/Yr \$284,43	Estimated Revenue/Yr	\$284,430
Estimated Revenue/Mo \$ 23,70	Estimated Revenue/Mo	\$ 23,703