



Sevenet delivers high-capacity internet services with InfiNet Wireless

Requirements

- Cost Effective ISP's wireless infrastructure
- High-capacity backbones to support IP TV and Surveillance

Challenges

- A large, diverse customer base with different needs
- Strong competition from major service providers offering broadband access in bigger cities
- Competition from smaller wireless ISPs offering low-cost wireless connectivity in towns and villages

Solution

- InfiLINK 2x2 wireless point-to-point solution with high-speed capability of up to 300Mbps throughput

Customer benefits

- Delivery of required broadband connectivity with higher network reliability for customers
- Significant cost reductions in operating expenses for Sevenet

Introduction

Sevenet is a local ISP located in Sturovo, south Slovakia, near the border with Hungary. The company specialises in a range of business, public sector and consumer value-added services, such as traditional public internet access and related services, a range of bespoke service offerings to business communities such as leased lines, wireless network installations services for local municipalities, as well as backbone connectivity for smaller ISPs.

Sevenet's main operations objective is to own a backbone that offers the highest availability in its class across the region as well as competitive broadband rates for its customers.

Challenge

Sevenet was managing a large range of customers with differing needs, whilst facing strong competition from two separate fronts: major service providers offering broadband access in bigger cities and smaller wireless ISPs offering low-cost wireless connectivity in towns and villages.

Solution

Sevenet's response to the challenges it faced was two-pronged: a strategy based on technological leadership and one of nurturing its customer base and service expectations.



"InfiNet offered us three benefits that proved invaluable, high availability and a great price-performance ratio. After using InfiNet's solutions in our network for some time without experiencing any technical issues, we were confident that the company's technology was exactly what we had been looking for in order to achieve our corporate goals. The comprehensive training programme and on-going support offered by InfiNet and its local partner Inter Crown Europe made a big difference to us."

Ernest Toth,
co-owner of Sevenet

Sevenet deployed a new state-of-the-art platform based on InfiNet Wireless' solutions, running along an optical backbone and an Ethernet to the Home (EttH) network in Sturovo. This platform has a total capacity in excess of 1Gbps for its optical access to the Energotel network (an alternative telecom provider in Slovakia), with future plans to offer more optical uplinks in other cities.

In addition, Sevenet's network is based on a star-topology, with a centralized network operating centre located in Sturovo. Connectivity to the many smaller public sector customers is achieved through various wireless links from InfiNet. For example, Sevenet deployed a number of R5000-0mx links operating at full capacity (i.e. 300 Mbps) and in the 5GHz frequency bands, in conjunction with external high performance antennas.



By using InfiNet's InfiLINK 2x2 solutions, Sevenet was able to deliver the required broadband connectivity to its customers, resulting in higher network reliability and much improved customer satisfaction. As an added bonus, Sevenet achieved significant cost reductions in its operating expenses without spending additional resources on licensed microwave links that offer similar prices and availability but come with high licencing fees.

Sevenet's future plans are to provide more value-added services based on its improved infrastructure, such as IPTV and IP surveillance connectivity. InfiNet will play a key role in enabling these services for Sevenet and meeting its future objectives in full.