



Kievstar: The largest DWDM network in Ukraine

The customer

Kievstar GSM has approximately 24 million subscribers in Ukraine. The company, covering 29,000 towns and with a nationwide network coverage of 99%, is owned by Telenor and Storm. In 2007 the mobile telecommunications provider achieved sales of 2.1 billion USD.

The challenge

The basis for the major contract placed with S&T was the enormous increase in subscribers – from 2006 to 2008 alone, Kievstar registered an increase of 30%. In addition, the average duration of calls made by Kievstar subscribers was getting longer, and subscribers were increasingly demanding improved service quality and mobile internet services.

The multi-million order included the planning and installation of a nationwide network with 120 backbone nodes – the largest of its type in Ukraine. Kievstar GSM is thus able to simultaneously serve more than four million subscribers in each network segment, offer advanced and top quality mobile services and also cater for the growing demand for mobile internet services.

The Project

The DWDM network installed by S&T stretches across the whole country, consists of 120 backbone nodes and multiplies Kievstar's network capacity by a factor of eight, up to 320 Gbit/s. This means that more than four million subscribers can be served simultaneously per network segment. Furthermore, the system is flexible with regard to ever increasing numbers of subscribers and enables Kievstar to enhance service quality and expand the range of non-voice services on offer.

Benefit to the customer

- Eight times the capacity
- Flexible with regard to ever increasing numbers of subscribers
- Enhancing service quality
- Expanding the range of non-voice services



„The project has become the biggest of its kind in Ukraine. It has secured for a long time the capacity required for further dynamic growth of the leading telecom company in Ukraine.”

Yogesh Malik, CTO (as of H1'08) Kievstar

S&T Ukraine

S&T entered the Ukrainian market in 1993. In 2000 S&T took over Soft-Tronik. S&T Soft-Tronik is one of the largest system integrators in the Ukraine and a leading provider in the networks, financial services and telecommunications sectors. Its almost 200 employees in two offices in Kiev manage notable clients, e.g. Kievstar GSM, the National Bank of Ukraine or Antonov ASTC. S&T Ukraine has received many certifications and awards, enjoying an excellent reputation due to its high level of quality and professionalism.

S&T Ukraine belongs to the S&T Group, which with more than 3,100 employees and Euro 522,2 million in sales in 2007 is the leading provider of IT consulting, IT solutions and IT services to customers in Central and Eastern Europe, the DACH region (Germany-Austria-Switzerland), Japan and China.

Kiev

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