



**EC SYSTEM**

# Success Story, Veselí nad Moravou, Czech Republic

**Sector:** Internet Service Provider (ISP, company)

## **Environmental conditions:**

Territory Veselí nad Moravou is, according to the map of climatic regions, located in a warm or slightly warm area and belongs to the warmer areas in the Czech Republic. Fog may occur during spring and autumn mornings.

## **Reason of implementation:**

Dense coverage and big Wi-Fi interference of other networks (2,4GHz and 5GHz), FSO Point to point provides license free operations and reliable connection also in noise dense urban areas. ISP would have not to pay frequency license fee for other frequency



## **Benefits of EC SYSTEM FSO:**

- Licence free operation
- Providing reliable operation in noise dense urban areas.
- Immune to interference
- Fast and simple deployment

## **Deployment:**

EL-100M with capacity 100 Mbps at distance 2000m, One side ( Indoor unit and outdoor unit) was installed on the roof of a house, the second one on the roof of a block of flats.

EL-100M with capacity 100 Mbps at distance of 6800m

El-1G with capacity 1 Gbps at distance 1400m

Impressions of installation received from Technician from ISP: QUICK AND EASY INSTALATION up to 1 hour (because of the auto-tracking system the installation was quick in comparison to FSO from other manufacturers).

During the period of using this module there has been a variety of environmental circumstances such as sun, snow, and days with fog or/and rain. Eurolink also worked in the heavy rain periods while the other manufacturers' FSO stopped working. The EC SYSTEM FSO has auto-tracking system inbuilt and because them works very well has been worked very well even if the strong wind moved with the mast which it was installed on.