

Customer:



Industry

Broadband high-speed internet service and television services provider

- ▶ The biggest Czech provider of television services and broadband high-speed internet with more than 1 million subscribers
- ▶ Widespread data network covering whole Czech Republic
- ▶ Provision of professional B2B services in telecommunications

Challenge:

- ▶ Fulfillment data retention and lawful interception statutory duties

Solution:

- ▶ DR/LI Probe
- ▶ DR Collector
- ▶ LI Mediation Device

Benefits:

- ▶ Fulfillment of data retention requirements given by European Union Directive 2006/24/EC
- ▶ Fulfillment of Lawful Interception statutory duty

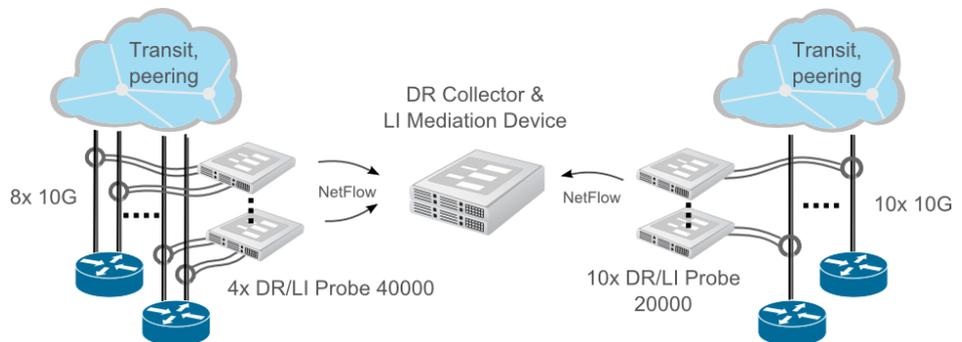
UPC Czech republic, a subsidiary of Liberty Global, Inc. (NASDAQ: LBTYA, LBTYB, UPC Broadband division), is the largest Czech provider of television services and broadband high-speed internet. Its cable network reaches 1.35 millions of homes in 370 locations across the Czech Republic. UPC services are actively subscribed by 1.22 million of residential customers. The B2B division of UPC provides complete portfolio of modern telecommunications services including provision of wholesale connectivity (IP transit), lease of circuits or cloud computing services.

Infrastructure

UPC data network covers 90% of the Czech Republic. The data network is connected to the internet through 18 10Gb lines, which provide guaranteed accessibility into national node NIX.CZ, accessibility to international peering nodes and direct peering with other significant internet service providers in the Czech Republic. The peak data throughput exceeds 100 Gbps.

The Implementation

Flowmon IP Data Retention & Lawful Interception solution covers transit data lines for lossless internet traffic monitoring. Monitoring of 10Gb lines is done by powerful probes, which generate statistics for Data Retention and provide full packet capture feature for Lawful Interception. For long-term storage of the statistics a collector with 96 TB capacity is used. The same collector serves as LI mediation device for provision of intercepted data to LEA.



Customer Testimonial

Michal Řezníček, UPC Business project manager comments the experience with Flowmon DR & LI solution:

„Flowmon Data Retention & Lawful Interception solution was deployed to fulfill requirements of data retention legislation. The main reasons for choosing Flowmon Networks solution was compliance with requirements given by LEA and our networking department, price/value ratio and fulfillment of both statutory duties (DR and LI) by deploying one common solution.“

Jiří Vaja, UPC network infrastructure manager adds:

„We have already been using Flowmon Networks solution in Slone Park for monitoring of international transit lines. I appreciate high performance of the probes and collectors as well as the approach of the vendor, who regularly turns our requests into new functionality. “