

Customer



Industry

Telecommunications

Challenges

- ▶ Large data network covering southern Poland
- ▶ Improve network visibility for accounting/billing, peering optimization, troubleshooting

Deployed Solution

- ▶ Flowmon Virtual Collector

Solution Benefits

- ▶ Complete IPv4/IPv6 traffic visibility with possibility to drill-down to any communication
- ▶ Precise accounting/billing
- ▶ Peering optimization, traffic engineering
- ▶ Customized reporting and alerting for predefined events enables efficient and no time-consuming network monitoring

3S

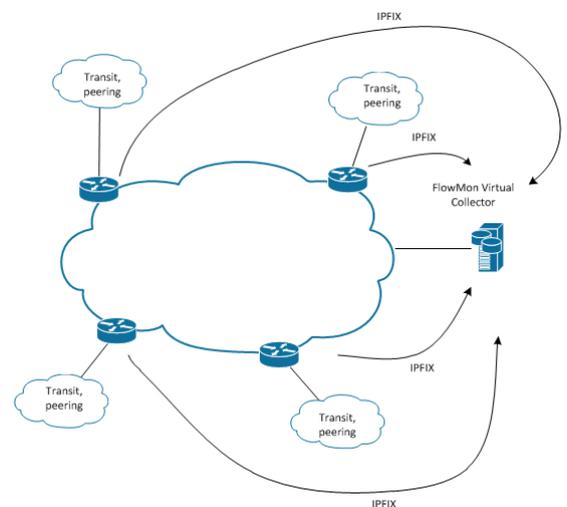
3S is a leading provider of wholesale connectivity (IP transit), VPN and cloud computing services in Poland with more than 1 300 customers from the business sector. The company operates its own optical fiber network with the length of 2 700 km as well as the largest data center in Silesia. Its data network covers southern Poland where 3S provides a complete portfolio of modern telecommunication services.

Infrastructure

3S data network covers south regions of Poland as well as major cities in other parts of the country. The data network is connected to the Internet through multiple 10Gb lines, there are also a number of peering links to several Internet Exchange Points.

Flowmon Solution Deployment

Flowmon solution covers transit data lines for lossless internet traffic monitoring. Monitoring of 10Gb lines is done by exporting NetFlow/IPFIX statistics from Internet edge routers directly to Flowmon Virtual Collector. The Collector is used to store statistics and to provide analyzing and reporting interface for network engineers.



The technology ensures a full IPv4/6 traffic visibility and enables efficient troubleshooting and network optimization. It also provides 3S with detailed information for accounting and billing purposes.

Flowmon Virtual Collector is deployed on a server with 6 TB storage capacity, which allows to keep even a month history.

Customer Review

Sergiusz Wyderka, Network Engineering Manager at 3S, summarizes Flowmon solution deployment:

“Our top priority was to gain visibility into the network. Having knowledge about traffic patterns and flows allows us to make optimal purchase decisions as well as to detect and mitigate anomalies. The integration was seamless. Members of our team appreciate intuitive user interface, performance and very good technical support.”