

Customer:



Industry:

Administration

Challenges:

- ▶ large data network with more than 600 computers in the network
- ▶ secured perimeter, but the lack of traffic monitoring within the internal data network
- ▶ problematic detection and prove of network problems
- ▶ monitoring of approaches to LAN resources

Solution benefits:

- ▶ all traffic monitoring, about 1 year history
- ▶ automation of processes of network management and security
- ▶ cost reduction of network management
- ▶ excellent price/performance ratio
- ▶ possibility of problem localization in the infrastructure

Products:

- ▶ FlowMon Probe 4000

Regional Authority of the Olomouc region performs tasks within the scope imposed by law, takes care of overall development of the area and the needs of its citizens in the Olomouc region.

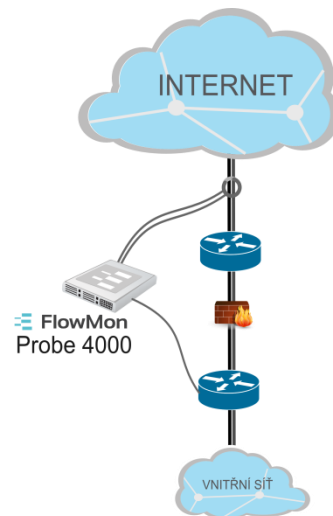
Infrastructure

The current concept of security relies on a secure perimeter and distribution of traffic into separate virtual LAN within a single physical infrastructure. But the traffic of these networks is not monitored and evaluated. Operating services on the Regional Authority's network are used by the employees of the Regional Authority and contributory organizations established by the region.

Customer Requirements

- ▶ More efficient network management and monitoring, detection of misconfiguration and network problems solution
- ▶ Increased security and rapid detection of potential threats
- ▶ Elimination of unwanted applications, content sharing
- ▶ Measuring the usage of individual services
- ▶ Continuous optimization of network configuration and network devices

FlowMon Solution Deployment



Authority's requirements have been fulfilled by implementation of all-in-one solution (only 1U) in the form of 4-ports probe FlowMon Probe 4000, which was connected to the Internet line and to a central network unit. Built-in collector with FlowMon Monitoring Center application serves for a long-term storage of statistics about network traffic, where identified operational and safety problems are processed in the summary management reports about the structure and nature of the traffic. Thanks to this integration LAN and Internet connection monitoring of principal office and branch offices is ensured.

Customer Review

Mgr. Jiří Šafránek, head of information technology, with over a year of experience with FlowMon solution:

"The solution enabled effective search, problematic network segments evaluation, to resolve identified problems and to establish a communication infrastructure with a respect to the highest safety and speed within the extent of possibilities of existing used technologies."