

Customer



Industry

Waste management

Challenges

- ▶ Extensive computer network including more than 400 computers, 50 independent small LAN networks and a data center
- ▶ SNMP monitoring not meeting customer's needs in effective network management and network security
- ▶ IT administrators requiring full headquarters, data centre and branches monitoring as well as detailed network traffic data including its structure and changes in time

Solution benefits

- ▶ Considerably lowered expenses of network administration
- ▶ Thousands EURO savings each month for MPLS links
- ▶ Automation of network administration and security tasks
- ▶ Tailored to meet actual needs
- ▶ Easy to extend
- ▶ Insight into network focused on behavior of users and devices

Products

- ▶ Virtual Flowmon Collector

AVE CZ company is a subsidiary of Austrian AVE group that is one of the top companies in waste management in Central and Eastern Europe. AVE CZ is third biggest company on this market in the Czech Republic. It serves around 1.500.000 citizens and employs 1300 employees.

Customer challenges

There are three IT administrators in AVE CZ to maintain a computer network consisting of the headquarter, a data center and 50 small LAN networks at the branches connected to the main network through an MPLS network.

The SNMP statistics used for monitoring of the network did not contain important information about the real structure of traffic, active services, singular communications and other. IT administrators welcomed the opportunity of testing and later implementing Flowmon solution which they hope would provide:

- ▶ full headquarter, data centre and branches monitoring
- ▶ detailed network traffic data including its structure and changes in time

The aim was to collect detailed information to be used for optimization of data transfers, effective network management and increasing network security.

Solution

All the requirements were fulfilled thanks to the installation of **Flowmon Collector** as a virtual appliance for VMware. The installed Flowmon Collector collects network traffic data (NetFlow and sFlow data) from active network elements placed at the headquarters and branches. It also stores them and analyzes them, thus providing a detailed overview of everything that happens in the computer network at the moment and in the past weeks or months.

Beside that it provides automatic reporting of network state in form of pie charts and summary tables as well as email notification of alerts to network administrators.

Business result

Jan Svatos, IT director of AVE CZ, to the deployment of Flowmon solution:

"The Flowmon solution provides us with thorough overview of what is happening in our network and helps uncover all the communications taking place not only in real-time, but also some weeks back. These data were key in discovering several network problems – errors in an office suite on some workstations causing repeated cyclical update transmission in the range of hundreds of megabytes or errors in communication with print server.

The optimization of the traffic structure and discovery of errors helped us significantly reduce the load not only of our internal network, but above all the MPLS network which saves us thousands EURO each month.

We are planning to expand the deployed Flowmon solution with a virtual probe aiming to uncover the communication taking place in the virtual environment."