

Customer:



Industry

Drugstores trade

Challenges:

- ▶ Large computer network including more than 100 active components
- ▶ Traffic statistics collected as summary of data transferred over network interfaces
- ▶ Difficult identification and investigation of network intrusions and problems in network by manual data analysis

Solution benefits:

- ▶ Considerably lowered expenses of network administration
- ▶ Automation of network administration and security tasks
- ▶ Tailored to meet actual needs
- ▶ Excellent price to performance ratio
- ▶ Easy to extend
- ▶ Insight into network focused on behavior of users and devices

Products:

- ▶ Flowmon Probe 2000
- ▶ Flowmon ADS Standard

dm drogerie markt s.r.o. Slovakia is part of the trade chain dm drogerie markt that is one of the leading sellers of drugstores in Central and Eastern Europe.

Infrastructure

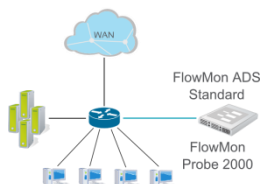
Network in drogerie markt s.r.o. Slovakia can be described as cascaded-star configuration. The main devices of this network are two central switches, where all the outgoing and incoming traffic and internal client – server communication goes through.

Network infrastructure uses only active components from Cisco. Thanks to this fact it enables the customer to extend **Flowmon** solution any time by using Cisco ability to generate network traffic statistics – NetFlow; allowing these data to be processed by already implemented **Flowmon ADS**.

Customer challenges

- ▶ Effectively check compliance with security policy and laws
- ▶ Have a tool for detection and fast analysis of inside and outside attacks
- ▶ Measure the use of individual services
- ▶ Detect leaks of sensitive information, social engineering
- ▶ Check QoS delivered by suppliers, network and service latencies
- ▶ Eliminate undesirable applications and data sharing
- ▶ Detect infected devices inside network
- ▶ Continuously optimize network configuration and its devices

Solution



Flowmon Probe 2000 with two monitoring port is connected to SPAN port on two central switches. These switches are mirroring entire network traffic going through to the monitoring ports.

Flowmon ADS Standard continuously and automatically performs analysis of data collected generating events and reports on the fly.

Customer review

Ing. Ján Slivarich, ISM Technika Leader stated:

*"Flowmon solution with Flowmon ADS system has been deployed with the purpose of improving safety and control over our infrastructure. Before then, we have had no monitoring system that would detect anomalies on the computer network. Some incidents were solved by the log analysis that we can have on request at the dm drogerie markt head office. Whenever we wanted to check particular data flow that appeared to us as suspicious we have had no other way then to make a manual analysis. Thus we could overview some other anomalies or threats that spread over a longer period of time and have carried out with less intensity. Thanks to **Flowmon ADS** performing behavioral analysis automatically we will be able to gain complete insight into network traffic revealing problems and attacks in real-time enabling us to react on these problems effectively."*