

Customer



Industry

Energy & Utility

Challenges

- ▶ Extensive network infrastructure situated in many different locations
- ▶ Absence of tools for gaining clear network traffic visibility
- ▶ Difficulty of detecting operational and security related network anomalies

Benefits of the solution

- ▶ Detection and alerting of network traffic anomalies
- ▶ Detailed visibility of incidents - ability to view details of particular flows
- ▶ Immediate notification in case of incidents
- ▶ Effective collection of flow data from different checkpoints
- ▶ Central Administration via Flowmon Collector dashboard

Deployed products

- ▶ Flowmon Probes
- ▶ Flowmon Collector
- ▶ Flowmon ADS

Contact

www.nafta.sk

NAFTA

NAFTA is a leading Slovak company with extensive experience in storage areas and building underground gas storage facilities. The company is a Slovak leader in the exploration and production of hydrocarbons. The managed storage capacity of underground gas storage facilities currently represents 2.6 billion cubic meters.

Situation

The Network Services Department and the Department of Applications and Security lacked visibility into network traffic for the detection of operational and security anomalies that may directly affect the critical enterprise systems. The network infrastructure of the NAFTA company is diversified into various nodes across multiple locations. The goal of deploying a network monitoring tool was to:

- ▶ cover the entire LAN by a network monitoring system,
- ▶ increase the security of both perimeter and internal environment,
- ▶ obtain analytical capabilities over and above the detection of network performance and security incidents.

Deploying Flowmon

Flowmon solution was implemented in a decentralized manner at three geographically diverse locations while collecting flow data from different sources. In two locations the flow data is collected via two and four-port Flowmon Probes. In the third area NetFlow is generated by active network devices. The management of the solution is provided centrally by the 3 TB Flowmon Collector. Detection of operating and security anomalies is handled by the Flowmon Anomaly Detection System (ADS) module. An important part of the deployment was to set up the appropriate filters and detection methods.

Customer Quote

Branislav Pudmarčík, Head of the Application and Security Department at NAFTA, evaluates the deployment of Flowmon solution:

"Flowmon has brought us a new perspective on what is happening in our network. After defining the parameters, filters and detection methods, Flowmon is able to display a global view of network flows and anomalies in a single dashboard. Due to this we have the possibility to explore in detail the relevant anomaly or incident. Based on the stored history, you can compare the network situation in the past with the current situation."

Anton Piovarčí, Head of the Network Services Department, adds:

"Flowmon helps us to deal with network incidents by a detailed insight into network traffic across multiple locations, communication and control points."