

## Customer



## Industry

Government

## Challenges

- ▶ *Problematic detection of network issues*
- ▶ *Weak performance of the City network*
- ▶ *Unability to detect network traffic anomalies*
- ▶ *Desire to oversee potentially risk activities of employees*

## Solution benefits

- ▶ *Automation of network management and security processes*
- ▶ *Improvement of the network performance*
- ▶ *Fast ROI because of reduction in purchase costs of new network devices*
- ▶ *Reduction of costs related to network management*
- ▶ *Effective problem localization in the infrastructure*

## Deployed products

- ▶ *Flowmon Collector 500 VA*
- ▶ *Flowmon ADS Lite*

## Contact

<http://web.um.oswiecim.pl/english/>

## The City of Oswiecim, Poland

With almost 150 employees, the municipality of the City of Oswiecim provides public services to more than 40 thousand citizens. It also takes care of the overall development of the economy, infrastructure and cultural activities in the city and near region.

## Situation

The city infrastructure is located in one location and maintained by the IT department. IT administrators responsible for the network management lacked a visibility into their LAN as a crucial enabler of improving performance of the entire network. They were looking for a tool capable of effective network monitoring in order to perform capacity planning, network troubleshooting and to better utilize available resources. The IT department of the City of Oswiecim required:

- ▶ More efficient network management and monitoring
- ▶ Better performance of the local network
- ▶ Detailed information about employees' activities
- ▶ Increased security and rapid detection of potential threats
- ▶ Elimination of unwanted applications, content sharing

## Deployment of the Flowmon solution

The City required a solution which could provide long-term storage of data with ability of automated analysis and alerts. This requirements were fulfilled by the deployment of Flowmon Virtual Collector 500 VA with Flowmon ADS Lite module. Flow data (NetFlow standard) for the analysis is exported by switches. The Collector stores the flow data for the desired period of time, provides visualization, analysis and reports to IT administrators. The central point of this project was deployment of Flowmon ADS – the solution that analyses collected flow data and reports potentially dangerous network attacks and events or anomalies. Therefore it allows to see suspicious network communication and violations of safety rules in activities caused by a malware or viruses. The most important thing was that the information was sorted automatically without the need of a manual search in flow data collected by the Collector.

## Customer Review

The Flowmon solution deployment was assessed by Miroslaw Ziaja, IT Manager at the City Office Oswiecim:

*"We knew that we didn't have enough visibility into our network and infrastructure. So we were looking for a comprehensive tool which could show us all the threats and anomalies automatically in a simple view. This is why we have decided to take advantage of the Flowmon Collector with ADS module to perform behavioral analysis automatically. As a result we are able to gain complete insight into our network traffic and reach the source of the problems in a few minutes. In this way we gained effective tool for our team which is saving our time and significantly increases the safety of our City Office."*