Flowmon
Driving Network Visibility

Customer

BONATRANS

Industry

Machining, manufacturing, foundry and locksmith industry

Challenges

▶ *Extensive computer network with locations in CZ and abroad*

▶ *Need for increased network security*

▶ *From an operating-safety perspective it was necessary to deliver a solution providing centralised visibility into network traffic and its development over time*

▶ *Need to monitor and manage remote locations without a physical presence*

Benefits of the solution

▶ *Single overview of behavior in the network across various sites*

▶ *Monitoring up to data flow level*

▶ *More effective network management, discovery of wrong configurations, and network troubleshooting*

▶ *Detection of anomalies and unwanted behavior in the network*

▶ *Easy deployment and management thanks to support for virtualization*

Deployed products

▶ *Flowmon Collector*

▶ *Flowmon Probe*

▶ *Flowmon ADS*

Contact

www.ghh-bonatrans.com

Bonatrans Group a.s.

Bonatrans Group develops, manufactures and supplies a complete range of railway wheelsets and their parts, including wheels, axles and running gears, for all types of rolling stock. Bonatrans is a multinational company with a dominant position in the domestic market with more than 1000 employees, and the history of the company stretches back to the year 1965 when the first factory in Bohumin was founded.

Situation

The company operates the primary network infrastructure in the company's production area in Bohumin. The production division in India and also the company's branch in Prague are connected to this infrastructure through the means of a dedicated data circuit.

Regarding the safety and management of the infrastructure in Bohumin and particularly in the remote locations, the company was looking for a form of centralised security monitoring of this geographically vast data network.

Deployment of the Flowmon solution

A custom-built implementation was averted by the presentation of the Flowmon solution for the deployment of monitoring the network flows in Bohumin and in India. To be able to present the solution, a remote installation of Flowmon Collector with a built-in Probe for the monitoring of network flows, was carried out in the virtual infrastructure of the customer in India.

Thanks to the virtual Collector, the installation and administrative tasks can be achieved remotely, without the need to be physically present.

In Bohumin the hardware Flowmon Probe was set up in the backbone network which passively monitors the operation of the network and sends the output to the Collector installed in India. The Collector is extended by the Flowmon ADS module which uses the technology of network behaviour analysis to detect anomalies in the operation and increases network security.

Customer Review

The deployment of the Flowmon solution was assessed by Marek Hanzel, head of IT at Bonatrans Group:

"Our priority was to gain a network traffic visibility not only in the main location, but also in the remote branches, where being physically present is much more difficult. Knowledge of the characteristics of the traffic and flows in the network allows us to make qualified design decisions as well as being able to detect and eliminate unwanted anomalies in our infrastructure on the basis of the analysis of data flows and using advanced ADS technology. The team members appreciate the intuitive user interface and performance of the Flowmon solution with the excellent technical support by the supplier as well as the seamless integration."