# How ThyssenKrupp Secured the Network and Controled Enterprise Bandwidth Hog

## OVERVIEW

### Industry

Engineering

### Key Requirements

- Detect anomalous network events
- Monitor Administrator / Privileged User activities on the Firewall
- Employee internet usage and Bandwidth monitoring

### Solution

ManageEngine Firewall Analyzer

### Results

- Instant alerts for anomalous network events
- Real-time notification of Administrator / Privileged User activities
- Curtailed internet misuse and optimized bandwidth for critical business activities

## The Customer

ThyssenKrupp Industries India Pvt. Ltd. is a Business Unit of Thy ss enK rupp Förde rt e chni k . Thy ss enK rupp Fördertechnik is one of the leading suppliers of plants and systems  for mining, processing and handling of  raw materials and minerals. Activities of the companies' worldwide  network of 11 Business  units  range  from planning and project-ing, construction, erection and commissioning,  right  up  to  an  exemplary  after-sales service.

## The challenges at ThyssenKrupp IT department

ThyssenKrupp being a global turnkey plant project company has projects under  execution around  the  globe.  Since  the  projects  involve  various companies in different countries, IT security is of paramount importance to the company. The challenges faced by ThyssenKrupp in the absence of an appropriate tool were:

- To keep a watch on anomalous events at the Firewall

- To track the exact activity of the Administrator users  on the Firewall

- To ensure the users do not clog the bandwidth available for critical business activity

**Harshwardhan  Kamdi**, Senior  Engineer  –  IT  at ThyssenKrupp  explains  the challenge as. "The anomalous behavior in our network and the details of admin related activities on our firewall went un noticed. This was a real challenge to us to track what a network user is doing on our firewall". Further he went on to add, "We want to prevent the huge personal bandwidth usage causing business disruption".

> " Firewall Analyzer helps me to get the  elusive  anomalous  event from the pile ofFirewall security events. The automation at every aspect of the product saves quality timefor our team. This helps us to focus on the mitigation of IT security threat "
>
> **Harshwardhan Kamdi,** Senior Engineer – Information Technology, ThyssenKrupp

## The Solution offered by ManageEngine Firewall Analyzer

ManageEngine provides the much-needed solution, Firewall Analyzer, which precisely addresses the IT security challenges faced at the ThyssenKrupp. It notifies anomalous event alerts in real time to be update with the network security situation. It provides exhaustive admin reports, which can be drilled down to find out the exact commands executed by the Administrator users on the Firewall. This is of immense help to find out who did what and when to the Firewall. One incident that led to appreciate the value of deploying the Firewall Analyzer was to pick the user who clogged the bandwidth with an FTP upload activity. The alert generated for the activity has helped the Administrator to intervene in time and stop the activity. This has prevented the business disruption due to paucity of Internet bandwidth.

**Harshwardhan Kamdi**, explains how an effective Firewall log analysis tool, "Firewall Analyzer, helps to securethe network and manage the bandwidth, FirewallAnalyzer helps me to get notified of any anomalousbehavior in my network, and the details of admin relatedactivities on my firewall. It is a great help for me to know thelist of commands executed by a user".

## Key Results

On deploying Firewall Analyzer, ThyssenKrupp reaped critical IT security benefits. One benefit is, deeper insight into the user activity violations. The company's IT department can monitor the undesirable Administrator user activities on the Firewalls. With complete details about the activities, they can formulate and implement stricter policies to keep the Firewall settings undisturbed. The other benefit is, control of bandwidth utilization. They get alerted in real-time about the internet activity of users, which consumes huge bandwidth. With exact user and activity information in hand, they can intervene to prevent the bandwidth misuse instantly.

To summarize **Harshwardhan Kamdi**, Senior Engineer – IT at ThyssenKrupp asserts that, "Firewall Analyzer'soffering, of alerts and the customizable reports, is a greatthing. The automation in each and every aspect saves ourtime and lets us to focus on other aspects of security". He further added, "I find your product every where when it comes to firewall logs management tool. This paved my intention to test the product and it proved to be a strong solution"

## About ManageEngine Firewall Analyzer

ManageEngine Firewall Analyzer is an automated firewall log analysis tool for security event management that collects, analyses, and reports on enterprise-wide firewalls, proxy servers, VPNs, IDS/IPS, and other network perimeter devices. More than 3000 customers worldwide are using Firewall Analyzer as their Security Event Management solution to detect network anomalies, monitor firewall configuration changes (firewall change management), fine-tune firewall rules, measure bandwidth usage, manage user/employee internet access, audit traffic, and improve incident response.

https://forums.fwanalyzer.com          www.facebook.com/LogAnalyzer          https://twitter.com/LogGuru

## About ManageEngine

ManageEngine is the leading provider of cost-effective enterprise IT management software and the only one making the 90-10 promise - to provide 90 percent of the capabilities offered by the Big 4 at just 10 percent of the price. More than 50,000 organizations in 200 countries, from different verticals, industries and sizes use ManageEngine to take care of their IT management needs cost effectively. ManageEngine is a division of Zoho Corp.

ManageEngine is a trademark of ZOHO Corporation. All other brand names and product names are trademarks or registered trademarks of their respective companies.