



ArcelorMittal

Executive Summary

Industry

- Manufacturing

Environment

- Campus locations across three cities: Luxembourg, London and Brussels
- Over 1,300 users
- In excess of 2,500 devices, fixed and mobile

Challenges

- Build a robust, highly available network, providing consistent access to strategic applications
- Provide improved network visibility for greater control and improved security
- Deliver a scalable platform to support the organisation's digital strategy and future growth

Extreme Solution Components

- Smart OmniEdge[™] Solution
- Extreme Management Center[™]
- Extreme Analytics[™]
- Extreme Control[™]

Results

- Increased workforce productivity by more than 20%
- Accelerated roll out of new communication applications
- Enabled infrastructure for cloud migration towards Microsoft Azure
- Improved network availability and performance
- Centralised network management to a single location



ArcelorMittal Improves IT Performance and Reliability Across Three European Corporate Hubs

ArcelorMittal is the world's leading steel and mining company with a presence in 60 countries and an industrial footprint in 19 countries worldwide. It employs over 4,000 staff, 800 of whom are based in its head office in Luxembourg.

To keep up with its digitalisation and Industry 4.0 efforts, ArcelorMittal identified the need for a reliable, robust and high-performing IT network.

To provide this, ArcelorMittal worked with Extreme Networks and NPS Consult to implement a new network solution which provides a unified wired and wireless infrastructure to more than 1,300 users on 2,500 mobile and fixed devices offices in Luxembourg, London and Brussels. The three European hubs are now routed on a highly-reliable system, enjoying consistent access to strategic applications, improved visibility and security, a high-speed network, to better support the organisation's digital strategy.

The new system, is based on Extreme Networks' Smart OmniEdge Solution, an AI-powered solution which delivers a high-quality customer experience. Data centre equipment was set-up and a centralised management solution - Extreme Management Center - was implemented in Luxembourg. This will allow for sites around the world to be managed by a single team using a single unified management platform in a centralised location.

ArcelorMittal estimates that their productivity gains have increased by more than 20% since implementing the new network from Extreme Networks.

"We are now benefiting from a stable and markedly reinforced IT infrastructure. Network availability and performance are no longer a major business concern. The service is now meeting and exceeding our expectations, our people are no longer regularly raising issues or expressing their dissatisfaction. As a result, we have been able to revise our priorities and reconsider our ambitions. I can fully and confidently think about the next stage of our digitalisation journey."

Gilles Hug
Head of Corporate Infrastructure
ArcelorMittal Europe

Expanding Digital Transformation Across Europe

ArcelorMittal is making investments to remain at the forefront of digitalisation in the steel industry, so being able to mitigate performance challenges we essential to the IT team. The company has established centres of digital excellence in Belgium, France, Luxembourg, Poland, Czech Republic, and Spain, where new technologies to be used in the company are taking shape. In addition, a team of data scientists has been hired in Luxembourg to further improve commercial digitalisation initiatives, along with a team of 20 that has been focused on digital transformation for customers in the previous years.

With a modernised, reliable and feature-rich IT infrastructure based on Extreme Networks' solutions in place, ArcelorMittal has been able to accelerate the rollout of new agile methodologies and cloud-based applications, in particular Microsoft Azure. Another key focus with regards to Industry 4.0, will be the orchestration of computer systems and services where Extreme Management Center will play a significant role.

"A reference client, ArcelorMittal has challenged us to give of our best to stabilise the network as a whole, including the technologies of other suppliers in place, and reinforce the infrastructure in order to best respond to the issues of future communication and collaboration." said Jean-Marie Kolb, Director, NPS Consult.

"Stabilizing ArcelorMittal's IT network in this initial phase through the deployment of robust switching solutions and centralised management and security applications, provides the company with a strong networking base for future deployments. This success demonstrates the consistency and superiority of Extreme Networks networking and security architecture over competing solutions in the marketplace. We are happy to write another page in ArcelorMittal's digital future."

Kamal Ismail
Luxembourg Country Manager
Extreme Networks



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