

BOARD OF MANAGEMENT – MULTAN INDUSTRIAL ESTATE

HAPPY NEW YEAR 2021

THE NEXT GENERATION FIREWALL (cyber protection)

Firewalls are a standard security tool for the majority of companies, but in today's changing threat landscape, next generation firewalls are the only firewalls that can provide proper protection. A next generation firewall (NGFW) is, as Gartner defines it, a "deep-packet inspection firewall that moves beyond port/protocol inspection and blocking to add application-level inspection, intrusion prevention, and bringing intelligence from outside the firewall."

TRADITIONAL FIREWALLS VS. NEXT GENERATION FIREWALLS

As their name suggests, next generation firewalls are a more advanced version of the traditional firewall, and they offer the same benefits. Like regular firewalls, NGFW use both static and dynamic packet filtering and VPN support to ensure that all connections between the network, internet, and firewall are valid and secure. Both firewall types should also be able to translate network and port addresses in order to map IPs.

There are also fundamental differences between the traditional firewall and next generation firewalls. The most obvious difference between the two is an NGFW's ability to filter packets based on applications. These firewalls have extensive control and visibility of applications that it is able to identify using analysis and signature matching. They can use white lists or a signature-based IPS to distinguish between safe applications and unwanted ones, which are then identified using SSL decryption. Unlike most traditional firewalls, NGFWs also include a path through which future updates will be received.

BENEFITS OF USING A NEXT GENERATION FIREWALL

The differentiating features of next generation firewalls create unique benefits for the companies using them. NGFWs are able to block malware from entering a network, something that traditional firewalls would never be able to achieve. They are better equipped to address Advanced Persistent Threats (APTs). NGFWs can be a low-cost option for companies looking to improve their basic security because they can incorporate the work of anti-viruses, firewalls, and other security applications into one solution. The features of this include application awareness, inspection services, as well as a protection system and awareness tool that benefit the offering at all odds.

THE IMPORTANCE OF NEXT GENERATION FIREWALLS

Installing a firewall is a requirement for any business. In today's environment, having a next generation firewall is almost as important. Threats to personal devices and larger networks are changing every day. With the flexibility of a NGFW, it protects devices and companies from a much broader spectrum of intrusions. Although these firewalls are not the right solution for every business, security professionals should carefully consider the benefits that NGFWs can provide, as it has a very large upside.

Farrukh Adeel
IT Officer

BOM-MIE Trainings

Admin officer BOM-MIE (Mr Nouman Ahmad) attended a training on Development of KPI's organized by Streatesy Consulting Lahore.



Finance Manager (Muhammad Ahsan) & Senior Assistant Manager BCD (Mr Shahid Waqar Hayat), attended a training on PPRA organized by Pakistan Institute of Tender Management



BOM-MIE Launch social media accounts on **Facebook**, **Twitter** and **Instagram** links are as follows:-

Facebook Account

[fb.me/bom.miem](https://www.facebook.com/bom.miem)

Instagram Account

[Instagram.com/bom.miem](https://www.instagram.com/bom.miem)

Twitter Account

[Twitter.com/bom_miem](https://twitter.com/bom_miem)



BOARD OF MANAGEMENT – MULTAN INDUSTRIAL ESTATE

Feedback Form

Keeping in view, vision of President BOM – MIE to uplift the Industrial Estate, we are conducting a survey from valuable residents. Our Mission is to make the Industrial Estate :-

- Clean
- Green
- Environment Friendly
- Secure & Bright
- 100% Operational
- Established Infrastructure

You are requested to share your feedback to improve Multan Industrial Estate.

Q.1 In order to create more job opportunities / labor force, what should be done in Multan Industrial Estate?

Q.2 What services should be given by BOM-MIE, to improve Multan Industrial Estate

Q.3 What will you invest to create more job opportunities at MIE

Q.4 What are your expectations from Govt to build Multan Industrial Estate

Q.5 Any Other Suggestion?

Thank you for your valuable time and Feedback