PRODUCT BROCHURE / 1.0.0

zL7FW

KEY FEATURES

- Application-Level Traffic Control for Security & Efficiency
- Intrusion Detection and Prevention (IPS/IDS) Monitoring
- Content Filtering DNS filtering and FQDN Enhancing Security & Productivity

PRODUCT OVERVIEW

Advanced Network Security for Modern Enterprises

In today's interconnected digital landscape, cybersecurity threats are evolving at an unprecedented pace. Traditional firewalls are increasingly ineffective against sophisticated attacks that target higher layers of the OSI model. This is where the L7 Firewall (Layer 7 Firewall) steps in, providing cutting-edge protection against threats at the application layer. L7 Firewalls are designed to examine and filter traffic based on the application protocols and data, offering a deeper, more granular level of protection. Unlike traditional firewalls that inspect traffic based on IP addresses, ports, and protocols, L7 Firewall assesses the actual content and context of network communications, ensuring that malicious activity is blocked before it can cause harm.

Key Benefits of Layer7 Firewall:

- **Stateful L7 Firewall:** Enable precise application-level traffic control with up to 1,000 configurable rules, allowing users to permit or block specific application traffic while restricting all non-essential access.
- **Intrusion Prevention & Detection Systems:** Integrated Intrusion Prevention and Detection Systems (IPS/IDS) to monitor network traffic for abnormal or unauthorized activity. The IDS alerts users to potential threats, while the IPS actively blocks malicious traffic in real-time to ensure robust security.
- **DNS Filtering:** Block access to malicious or inappropriate websites by preventing domain names associated with harmful content from being resolved.
- **Anti-Adware (Ad-Blocking):** The Layer7 Firewall's ad-blocking feature removes intrusive and malicious ads, improving browsing speed, enhancing security, and boosting productivity by shielding users from harmful content.
- **FQDN Filtering:** Control website access using 35+ categories and customizable allow/block lists for both categories and individual sites.
- **Geofencing:** Enhance security by restricting device operation to authorized locations using GPS, with real-time alerts and logging for boundary violations.
- **DDoS:** Defend against DDoS attacks by identifying and mitigating threats like buffer overflows, SYN floods, excessive port openings, and ICMP floods.

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