

# Solution: Cyberoam UTM Solution

## Client: EMZOR Pharmaceuticals

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In today's Information age, need for continuous internet connectivity cannot be denied. As an individual user or as an employee in your organization, blended threats are waiting to attack YOU by identifying one vulnerable moment when your defenses are low. These can be viruses, malware, spam, Trojans and insider attacks like data theft and leakage. Securing YOU – the User thus becomes critical! How do you ensure continuous security against sophisticated IT security threats?

Cyberoam's identity-based security solutions can secure your every move at work, at home and while you travel – from the network gateway to the endpoints. It binds security with your identity and works as your private security guard, even when you are away from work or at home. Its endpoint security protects your sensitive data by securing your endpoints, storage devices and controlling applications.

### **Cyberoam Identity-based Unified Threat Management**

*Cyberoam Unified Threat Management appliances* offer comprehensive security to small, medium and large enterprises through multiple security features integrated over a single platform. It is the first UTM that embeds user identity in the firewall rule matching criteria, offering instant visibility and proactive controls over security breaches and eliminating dependence on IP Addresses.

*Cyberoam's unique Layer 8 technology treats USER* as the 8th layer in the network stack. Also known as the Human layer, it penetrates through each of Cyberoam's security modules, allowing organizations to create user identity-based security policies. This offers them complete visibility and control over user activities, showing who is doing what anywhere in the network and enables them to take network security decisions based on usernames and not just IP addresses.

*Cyberoam's identity-based security* offers a high degree of granularity, making policy-setting an efficient process down to the user level that can be extended to any combination of group, job function or application. The IP-independent nature of Cyberoam allows users to carry their own access rights and policies anywhere in the network, even in dynamic IP environments like DHCP and Wi-Fi.

*Cyberoam's Layer 8 technology adds speed* to the whole security set-up by offering administrators instant visibility into source of attacks, enabling them to identify attacker/victims by username and achieve immediate remediation to any security breach condition.

### **Cyberoam's Identity-Based Security Advantages**

- ✚ Identifies and controls users through identification, policy-setting and reporting by username.
- ✚ Offers security even in dynamic IP environments like DHCP and Wi-Fi
- ✚ Allows binding of user identity with IP address, MAC Id, Session Id to prevent unauthorized access.
- ✚ Allows real-time threat control through identity-based reporting on usage and threat patterns of individual users
- ✚ Facilitates regulatory compliance with on-appliance reporting of “who” is accessing “what”, shortening audit and reporting cycles.

## Cyberoam's Future-ready Architecture

Cyberoam's Multi-core technology offers high security without compromising on performance by allowing parallel processing of multiple security features, therefore allowing effective management of dynamic, content-based threats such as Web 2.0 applications, Voice over IP, streaming media, IM and P2P.

Cyberoam UTM's Extensible Security Architecture (ESA) is built on an extensible platform that can organically grow with future security needs of the organization. Such an approach has the agility to prolong the life and performance of the legacy UTM appliance by supporting future feature enhancements, for which the development can be done very rapidly and with minimum deployment effort.

## Cyberoam UTM Features Assure Security, Connectivity and Productivity

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Cyberoam UTM offers security without compromising on connectivity and productivity. It offers a combination of best-of-breed assembly of solutions over a single interface, resulting in a complete, dependable shield that network threats find extremely difficult to penetrate.

### Security

-  Network Security
  - - Firewall
  - - Intrusion Prevention System
  - - Wireless security
-  Content Security
  - Anti-Virus/Anti-Spyware
  - Anti-Spam
  - HTTPS/SSL Content Security
-  Administrative Security
  - Next-Gen UI
  - iView- Logging & Reporting

### Connectivity

-  Business Continuity
  - Multiple Link Management
  - High Availability
-  Network Availability
  - VPN
  - 3G/WiMAX Connectivity
-  Future-ready Connectivity
  - IPv6 Ready

## Productivity

- ✚ Employee Productivity
  - Content Filtering
  - Instant Messaging Archiving & Controls
- ✚ IT Resource Optimization
  - Bandwidth Management
  - Traffic Discovery
  - Application Layer 7 Management
- ✚ Administrator Productivity
  - Next-Gen UI

## Main Benefits of Implementing Cyberoam UTM

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### Technical Benefits

- Real time protection against all Internet-based Threats, including blended and internal threats
- Rapid deployment
- Minimal configuration
- Next-generation GUI enhances security with its easy navigation and custom controls

### Financial Benefits

- Low capital expense
- Low operational expense
- Higher ROI

### Business Benefits

- Safe business environment
- Control over legal liability
- Enhanced productivity
- Meets regulatory compliance requirements