

# Palo NGFW Migration Service for a Manufacturing Company

Seamless Migration to a NGFW for XYZ Manufacturing Corporation

**CLIENT:** XYZ Manufacturing Corporation (fictional name)

**INDUSTRY:** Manufacturing

**CHALLENGE:** XYZ Manufacturing Corporation, a global manufacturing company with offices and production facilities spread across different regions, was operating an outdated legacy firewall infrastructure. The existing firewalls lacked the advanced security features required to defend against modern cyber threats.

**The IT team faced several challenges with the current setup:**

**Inadequate Threat Protection:** The legacy firewalls were struggling to keep up with the rapidly evolving cyber threats, leaving the organization vulnerable to potential attacks.

**Complex Rule Management:** Managing the numerous firewall rules across various firewalls had become extremely complex and error-prone for the IT team.

**Performance Bottlenecks:** The legacy firewalls were causing network performance issues, leading to reduced productivity and dissatisfied users.

**Lack of Advanced Security Features:** The absence of features such as application-level visibility, URL filtering, and advanced threat protection limited the organization's ability to enforce robust security policies.

## Solution:

The customer decided to modernize its network security infrastructure by migrating to Palo Alto Networks Next-Generation Firewalls. They partnered with EITS, the #1 CPSP partner to Palo Alto Networks in North America, specializing in network security and cybersecurity and Palo Alto Network and security solutions. EITS proposed a comprehensive firewall migration service to ensure a smooth and successful transition.

## The NGFW Migration Service included the following steps:

- **Comprehensive Network Assessment:** EITS conducted a thorough assessment of XYZ Corporation's existing network infrastructure, identifying all the devices and applications in use. This assessment helped both the customer and EITS understand the organization's security needs and tailor the migration plan accordingly.
- **Migration Strategy and Planning:** Based on the network assessment results, EITS developed a detailed migration strategy and roadmap. The plan outlined the sequence of migration, potential risks, downtime estimates, and contingency measures.
- **Parallel Deployment:** To minimize disruption to operations, EITS proposed a parallel deployment approach. They set up Palo Alto NGFWs alongside the existing legacy firewalls, allowing for a gradual migration of services and traffic.

- **Rule Mapping and Optimization:** EITS worked closely with XYZ Corporation's IT team to map the existing firewall rules to the new Palo Alto NGFW policies. They optimized the rule sets to ensure a more streamlined and efficient configuration.
- **Testing and Validation:** Before the full cutover, EITS conducted extensive testing to verify the functionality and security of the new Palo Alto NGFWs. They assessed various use cases, such as application access, remote connectivity, and threat prevention.
- **User Training and Knowledge Transfer:** EITS provided training sessions for the IT team to familiarize them with the new Palo Alto NGFW features, management interface, and best practices. This ensured that the IT team could confidently manage the new NGFW infrastructure after the migration.

## Results:

### The EITS NGFW Migration Service delivered significant benefits to XYZ Manufacturing Corporation:

- **Enhanced Security:** The advanced security features of Palo Alto NGFWs significantly improved the organization's ability to detect and prevent cyber threats.
- **Simplified Management:** The streamlined rule sets and user-friendly management interface made firewall administration more efficient and less prone to errors.
- **Improved Performance:** Palo Alto NGFWs' superior performance and throughput resolved the network performance issues, leading to increased productivity and user satisfaction.
- **Compliance with Industry Standards:** The Palo Alto NGFWs helped XYZ Corporation meet compliance requirements, including application-level visibility and control mandated by industry regulations.
- **Seamless Migration:** The parallel deployment approach minimized downtime and disruptions during the migration process, ensuring a smooth transition.
- **Continued Support:** EITS continued to provide ongoing support and managed services for the Palo Alto NGFWs, ensuring the organization's security posture remained robust over time.

The successful migration to Palo Alto Networks NGFWs empowered the Manufacturing Corporation with a modern, efficient, and secure network security infrastructure capable of adapting to the ever-evolving cyber threat landscape.



EITS helps businesses, education and government agencies build and manage secure IT environments for a changing world. We secure what matters most: their business, their IT environment, their intellectual property and their reputation. Our holistic approach addresses the Architectural, Operational and Organizational facets of Information Security applying a proven architecture blueprint for scalable, agile, manageable IT environments, hardened to DOD-level security standards. Agencies and businesses who have suffered severe data breaches have tapped EITS to remediate their issues, and to dramatically lower the risk of future events. We are driven by our culture of Excellence and Substance: We Always Make Mission.