

# Leading U.S. Healthcare Firm Enhances Cybersecurity with Radware Hybrid & Managed DDoS



## CUSTOMER

Leading U.S. Public Healthcare Provider

## INDUSTRY

Healthcare

## CHALLENGES FACED

- Repeated firewall outages from flood-type DDoS attacks
- Legacy security solutions unable to handle complex threats
- Insufficient visibility and control over security events
- Need for scalable and continuously optimized protection

## WHY RADWARE HYBRID & MANAGED DDOS PROTECTION?

- **Unique Hybrid Model:** Combines on-prem DefensePro with cloud-based scrubbing for comprehensive coverage.
- **Collaborative Engagement:** Strong partner support and rapid stakeholder alignment.
- **Proactive Managed Services:** 24/7 monitoring, real-time analysis, and continuous optimization.
- **Scalable Approach:** Phased solution that adapts to evolving threat landscapes.

## Overview

A leading public healthcare provider serving over one million patients annually experienced repeated firewall outages due to flood-type attacks in September 2020. After evaluating alternative vendors and receiving a strong peer recommendation, the organization chose Radware for its unique hybrid DDoS protection model. This decision marked the start of a multi-phase cybersecurity journey that combined on-premises and cloud-based solutions for enhanced resilience and continuous protection.

# Challenges

- **Frequent Flood-Type Attacks:** Repeated firewall outages disrupted critical operations.
- **Legacy Limitations:** Previous solutions lacked the capacity to mitigate both volumetric and application-layer attacks effectively.
- **Visibility and Control:** There was a need for enhanced control and real-time insight into the security posture.
- **Evolving Threat Complexity:** Increasing attack sophistication required scalable, continuously optimized protection.

## Solution



### Phase 1: Hybrid DDoS Protection

Radware offered a distinct advantage with its hybrid solution—combining on-premises DefensePro with cloud-based scrubbing. This approach delivered:

- Always-on protection without the need to divert traffic continuously to the cloud.
- The capability to mitigate both volumetric and application-layer attacks on-premises.
- Enhanced control and visibility into the overall security posture.

With strong support from a trusted partner, stakeholder alignment was achieved, and the organization embarked on a long-term collaboration with Radware.



### Phase 2: Managed Services and Expansion

By mid-2022, as attack scale and complexity increased, Radware expanded the solution by:

- Providing demo licenses and recommending upgrades (including additional DefensePro devices) to meet rising demand.
- Introducing Managed Services for a three-month trial that featured 24/7 monitoring, real-time traffic analysis, and proactive policy tuning.

The client found these Managed Services invaluable, leading to a full-year engagement that further enhanced their cybersecurity strategy.

### Legacy Solution vs. Radware Hybrid & Managed DDoS Solution

Feature	Legacy Solution	Radware Hybrid & Managed Solution
Deployment	On-premises only	Hybrid (on-prem + cloud)
DDoS Mitigation	Limited volumetric and application-layer	Always-on, real-time mitigation with DefensePro
Control & Visibility	Minimal	Enhanced visibility and control
Scalability	Limited	Scalable upgrade path for evolving threats
Managed Support	None	24/7 monitoring and proactive Managed Services

## Benefits

- ✓ Seamless migration to a hybrid model that addresses both on-prem and cloud challenges
- ✓ Scalable upgrade path to manage increasing attack volumes
- ✓ Enhanced collaboration with trusted partners and Radware experts
- ✓ Reduced operational burden through expert-led Managed Services
- ✓ Established strategic foundation for broader cloud security initiatives

## Conclusion

This IT services company's strategic partnership with Radware demonstrates how a Radware's multi-phase solution has transformed the healthcare provider's cybersecurity posture. By implementing a unique hybrid DDoS protection model followed by proactive Managed Services, the organization now enjoys robust, scalable protection that minimizes downtime and enhances operational efficiency.

This partnership has not only reduced the operational burden but also provided a strategic foundation for future cloud security initiatives. The healthcare provider is now expanding their protection strategy to include Radware's Cloud Application Protection, further strengthening their digital resilience and ensuring the continued safety of over one million patients annually.

**To learn more about how Radware Hybrid & Managed DDoS Protection Solutions can safeguard your organization, [contact us now](#).**

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