

Telos Ghost for Server Security: Secure your critical servers from cyber adversaries.

Telos Ghost enables organizations to hide critical servers and assets from the public internet to protect their digital footprint, eliminate attack surface area and prevent cyber attacks.

Servers are at the heart of an organization's day-to-day operations and are often prime targets of cyber adversaries seeking ways to exploit your organization. In today's perilous web environment, server security is critical.

The Challenge: Protecting critical servers from cyber attacks.

Every server connected to the web is vulnerable to cyber attacks. Organizations have responded to the threat by implementing a plethora of security measures from VPNs to firewalls to segmentation to allow only authorized users access to the network and minimize damage if a breach occurs.

Yet these security measures are not sufficient to stem the recent wave of high profile cyber attacks. Organizations need to harden their server security protocols especially for the critical systems or the "crown jewels" of the business – assets whose loss during a security breach would cripple the operations. The assets need to be totally hidden from the public internet.

The most effective way to achieve this is with a cloud-based obfuscation network.

The Solution: Hide your critical servers with Telos Ghost Cloaked Services.

Telos Ghost, a cloud-based virtual obfuscation network, enables organizations to hide servers and critical assets from the public internet.

With Telos Ghost Cloaked Services, the hidden server and its contents are only accessible through the Telos Ghost transit cloud which itself is hidden from unauthorized users, thus making the servers impenetrable even if there is a breach.

As authorized users connect to the Telos Ghost cloud, a unique obfuscated network pathway is created to the hidden server. A combination of patented methodologies, including multiple layer of encryption, dynamic IP routing to vary the pathways, and removal of IP source addresses, ensures that user's online

Challenges:

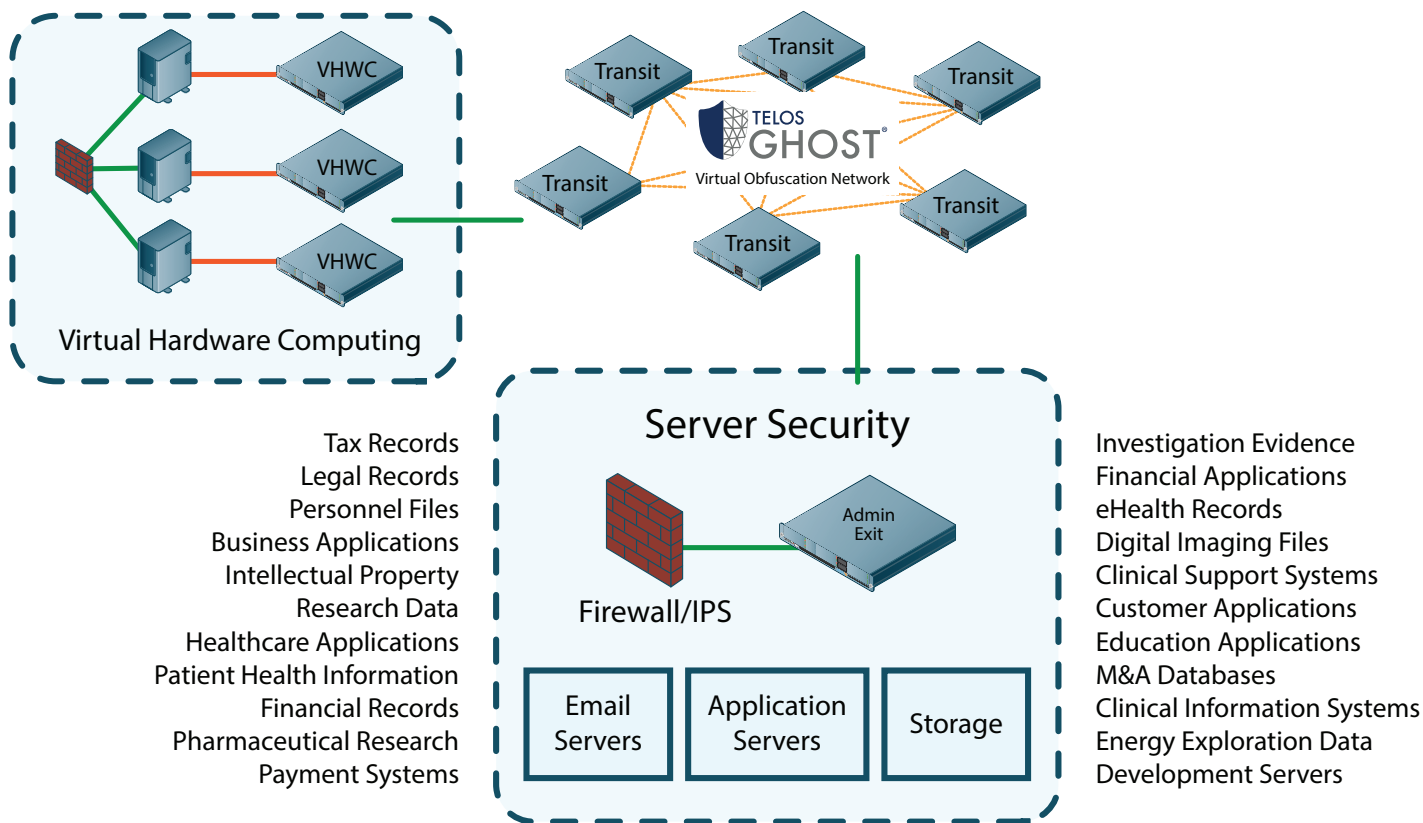
- Every server on the network is at risk of cyber attack.
- Current security measures only protect the perimeter and minimize damage if there a breach.
- Critical servers or assets need more stringent security measures.

Solution:

- Virtual network obfuscation to hide network assets from the public internet.
- Multiple layers of encryption to ensure that traffic is anonymous and protected.
- Labyrinth of anonymous network nodes to hide your online activities and make it impossible to determine the source or direction of network traffic.

activity remains anonymous and private. Since the user is the only one on that pathway, unauthorized users on the network are not able to see any other activity on the network nor can they move laterally through the network to install malware and wreak chaos. The security measures implemented within Telos Ghost eliminate attack surface areas and without visibility into the server's attack surfaces, hackers will not be able to exploit them.





Benefits of Telos Ghost:

Patented methodologies combined with advanced technologies to hide your critical assets from cyber adversaries

- Dynamic IP routing varies the traffic pathway to the hidden server making it impossible for bad actors to determine where traffic originated.
- Multiple layers of encryption are applied and removed from traffic traversing the Telos Ghost network. When encryption layers are removed, the source IP address of the previous node is removed, eliminating any clues about the original source.
- If nefarious activity is detected at the exit node, it is destroyed and recreated.

Enhanced security protocols eliminate attack surface area to prevent cyber attacks

- Each node in the network only knows about the one before it and after it, eliminating the ability of DDoS attacks or malware infection to increase at scale.
- Each session on the Telos Ghost network is private, therefore unauthorized users are not able to see any other activity on the network or move laterally within the network.
- Hackers monitoring your activity will only detect traffic coming from a web hosting service.

Designed with flexibility in mind for today's organizations

- Access the network with software client, hardware client and virtual machine.
- Offered as a shared or dedicated network-as-a-service.
- Ability to access server through mobile app.

Learn more at www.telos.com/telos-ghost.



Solutions that **empower** and **protect** the enterprise.™