

Telos Ghost for Higher Education: Ensuring Collaboration is Private and Secure

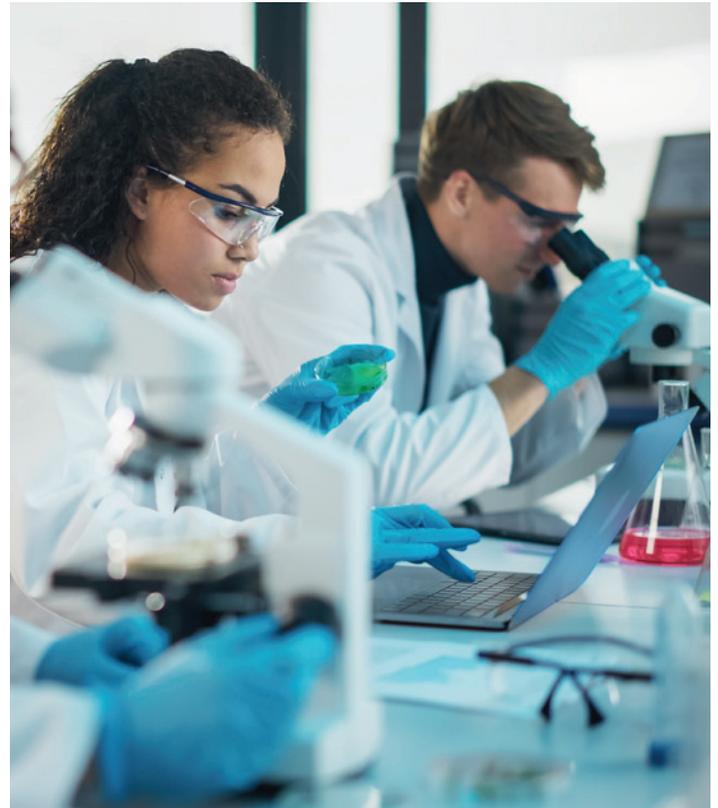
Keep your critical research and intellectual property hidden from the threat of theft and unauthorized access.

Collaboration is the lifeblood of any research institution. Colleagues conducting research require the ability to easily share data with internal and external partners. However, the collaborative environment within research institutions is also a breeding ground for cyberattacks. Research institutions tend to employ easily accessible networks in an effort to facilitate greater collaboration among researchers, which poses significant security risks.

A researcher's work is constantly under cybersecurity threats from competitors and nation states looking to steal the valuable research and intellectual property in an effort to shorten their own research efforts. The implications from an IP or research data breach extend beyond the loss of future grants and patent royalty revenue. For the researcher who has worked tirelessly for years, it's the loss of one's lifework.

Unfortunately, research institutions are not doing nearly enough to defend against cybersecurity vulnerabilities. Current security solutions from firewalls to VPNs to segmentation to Zero Trust solutions only allow authorized users to access the network and minimize damage if a breach occurs. As effective as these solutions can be, they are not sufficient to stem the wave of cyberattacks on researchers and their work.

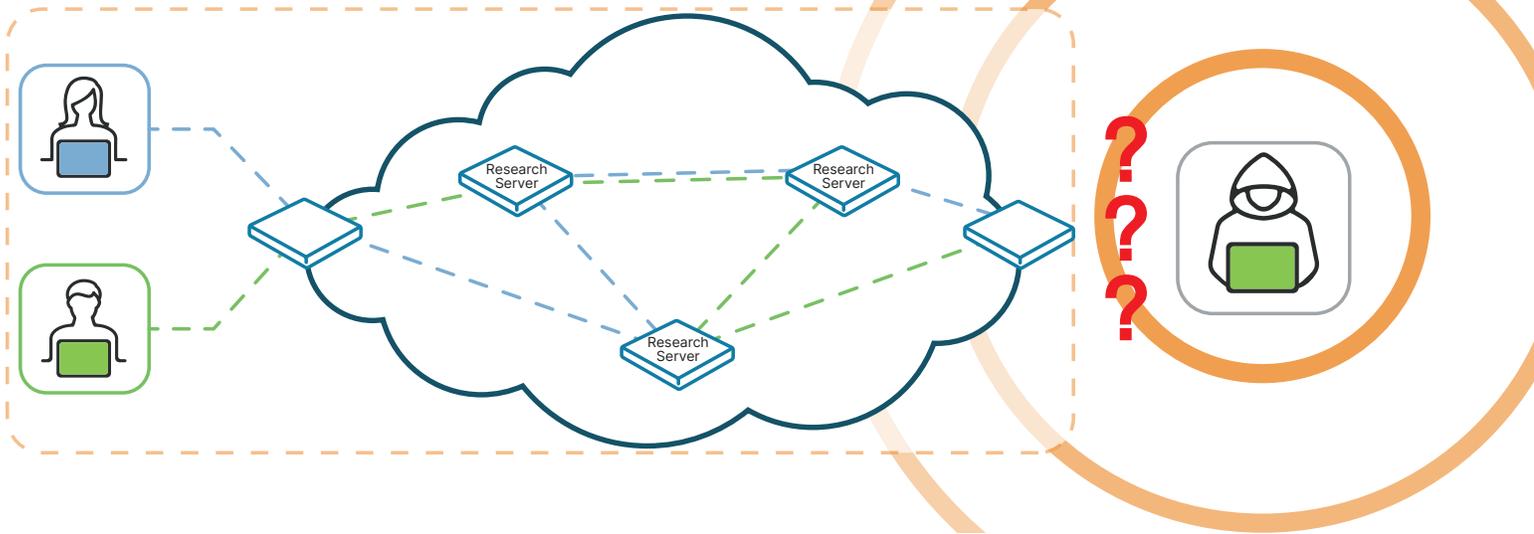
Security threats against researchers and their valuable IP and research data will continue to spike in the future. To prevent current and future cyberattacks, researchers need a strong pre-emptive cybersecurity strategy to secure their lifework. These assets need to be totally hidden from the public and from cyber adversaries.



Telos Ghost: Ensuring Collaboration is Private and Secure

Telos Ghost provides researchers with the most advanced invisibility technology available to hide your servers with confidential research and intellectual data from the rest of the enterprise network and 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 layers of encryption, dynamic IP routing to vary the pathways, and removal of IP source addresses, ensures that a researcher's online activity remains anonymous. Researchers can collaborate privately and securely because their work is hidden from hackers and other threat actors.

Benefits of Telos Ghost:

Secure collaboration: Many of the rigid security protocols are often viewed as stifling collaboration. With Telos Ghost, researchers can continue to collaborate with internal and external partners privately and securely. The server containing confidential research data is cloaked inside the Telos Ghost network to ensure that only authorized users can access it.

Eliminate attack surfaces: An additional benefit of Telos Ghost is that attack surfaces are eliminated, helping to prevent cyberattacks.

Cloud provider agnostic: Telos Ghost is cloud-provider agnostic and will work with your current cloud hosting services. Telos Ghost will be embedded and configured within your existing cloud network to obfuscate any traffic that goes through the network. There's no need to change.

Researchers and their valuable data will continue to be lucrative targets for cyberattacks. With Telos Ghost, researchers can pre-empt a cyberattack on their most valuable research and IP assets by hiding them from the public internet. Without visibility into the server's attack surfaces, hackers will not be able to exploit them.

To learn more about Telos Ghost can help to protect your life's work, visit www.telos.com/ghost.



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