Securing Confidential Information

Encryption in Transit and At Rest

Privatize your internet transactions and communications with end-to-end, double encrypted tunneling

Government agencies, law firms, financial institutions, healthcare providers and others all have critical and confidential information that must be protected. The evolution toward anywhere mobile access and cloud computing adds new risks to the security of this information.

Secure access to information and providing strong encryption are critical factors in ensuring the integrity of confidential information. The idea of "encryption" can generally be broken down into two types, encryption in motion and encryption at rest. Encryption in motion refers to the process of securing data while the data is sent and received so that the data cannot be intercepted. Encryption at rest refers to the practice of securing the data itself so that, even if intercepted, the data is unreadable. Data at rest encryption is required at the storage repository as well as at the end user device.

Encryption in motion and encryption at rest are two of the three critical factors to ensure confidential data is protected. The third is to ensure secure access to this information. Mobile devices are more and more being used to access this critical information. Passwords are easily hacked. Accurate identification of the person authorized to access specific critical information can only be accomplished by verifying who they are. This is best done with biometric, multifactor authentication.

Only by combining biometric multi-factor authentication, encryption of data in transit and encrypting data at rest can you be sure your confidential information is protected.

Ability to use existing applications and practice tools in a secure manner

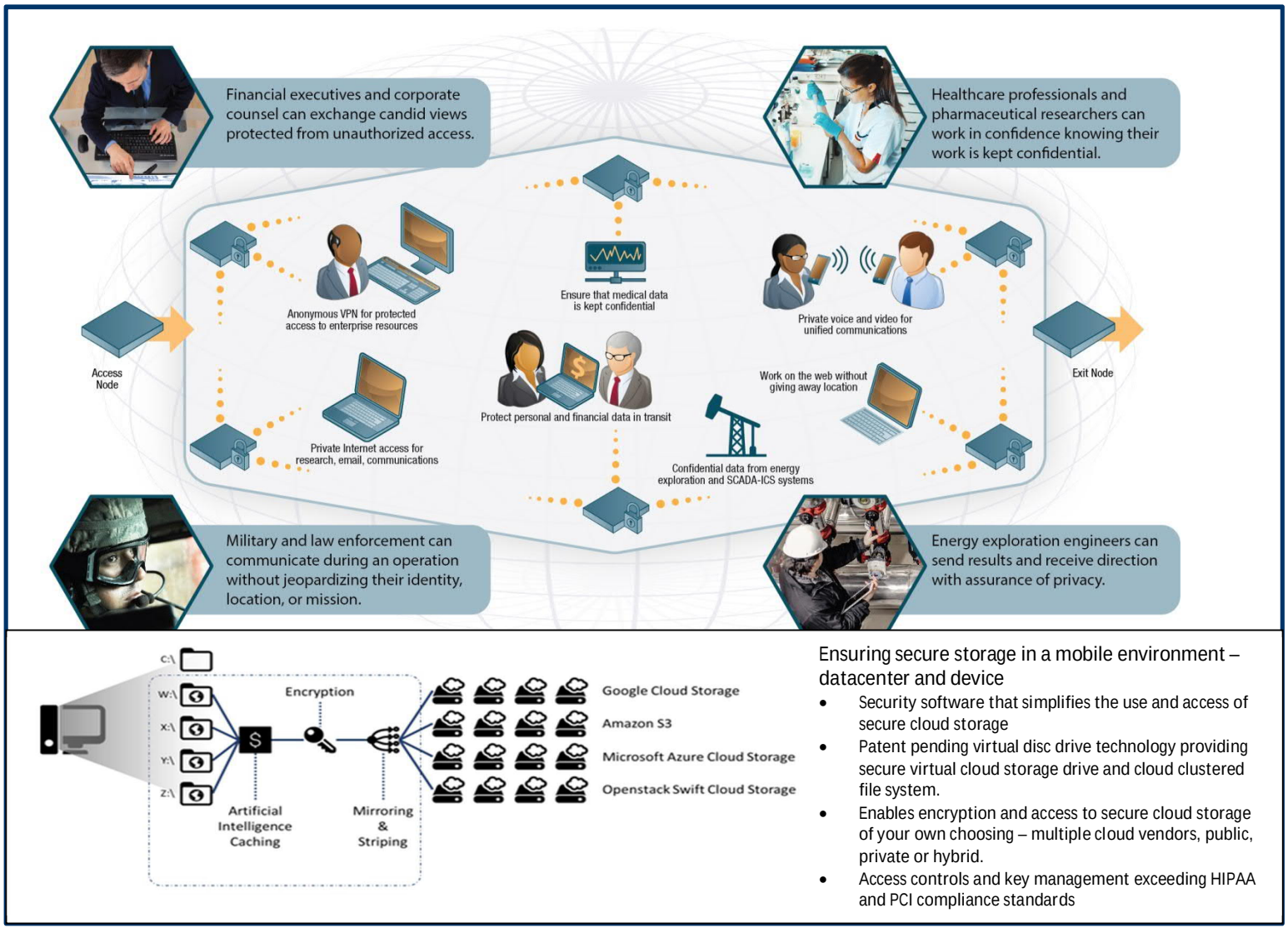
When evolving your network to provide these enhanced security capabilities, you also want to make sure your existing applications and business practices can be maintained.

Further, you want to be able to run your existing operations in a highly secure manner whether the data is premise based or you are moving to cloud based transactions and storage.

The Solution: End-To-End Encrypted Private Networking with Telos Ghost

Telos Ghost provides the highest level of security in all aspects of anywhere, anytime access to critical information.

- Multi-factor, Biometric Authentication for Mobile Devices — Strong authentication is critical to ensuring only authorized personnel access the information they are authorized to access. Telos Ghost provides fingerprint, voiceprint and facial recognition to make certain users are "Who they say they are".
- Protect Information In Transit – Telos Ghost provides the highest levels of encryption of data in transit, from the end user to the data repository.
- Encryption of Data at Rest – Telos Ghost provides highly encrypted "virtual disc drive" technology to protect data at rest at the premise or cloud-based repository as well at the end user device.



Ensuring secure storage in a mobile environment – datacenter and device

- Security software that simplifies the use and access of secure cloud storage
- Patent pending virtual disc drive technology providing secure virtual cloud storage drive and cloud clustered file system.
- Enables encryption and access to secure cloud storage of your own choosing – multiple cloud vendors, public, private or hybrid.
- Access controls and key management exceeding HIPAA and PCI compliance standards

Contact us for more information about Telos Ghost.

Telos Ghost provides obfuscation and managed attribution for totally secure, anonymous and private communications for network access, web access and mobile unified communications.

If you would like further information or a demonstration of the capabilities of Telos Ghost, please contact Telos Sales at 1-800-70-TELOS or at sales@telos.com.

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