



What We Do



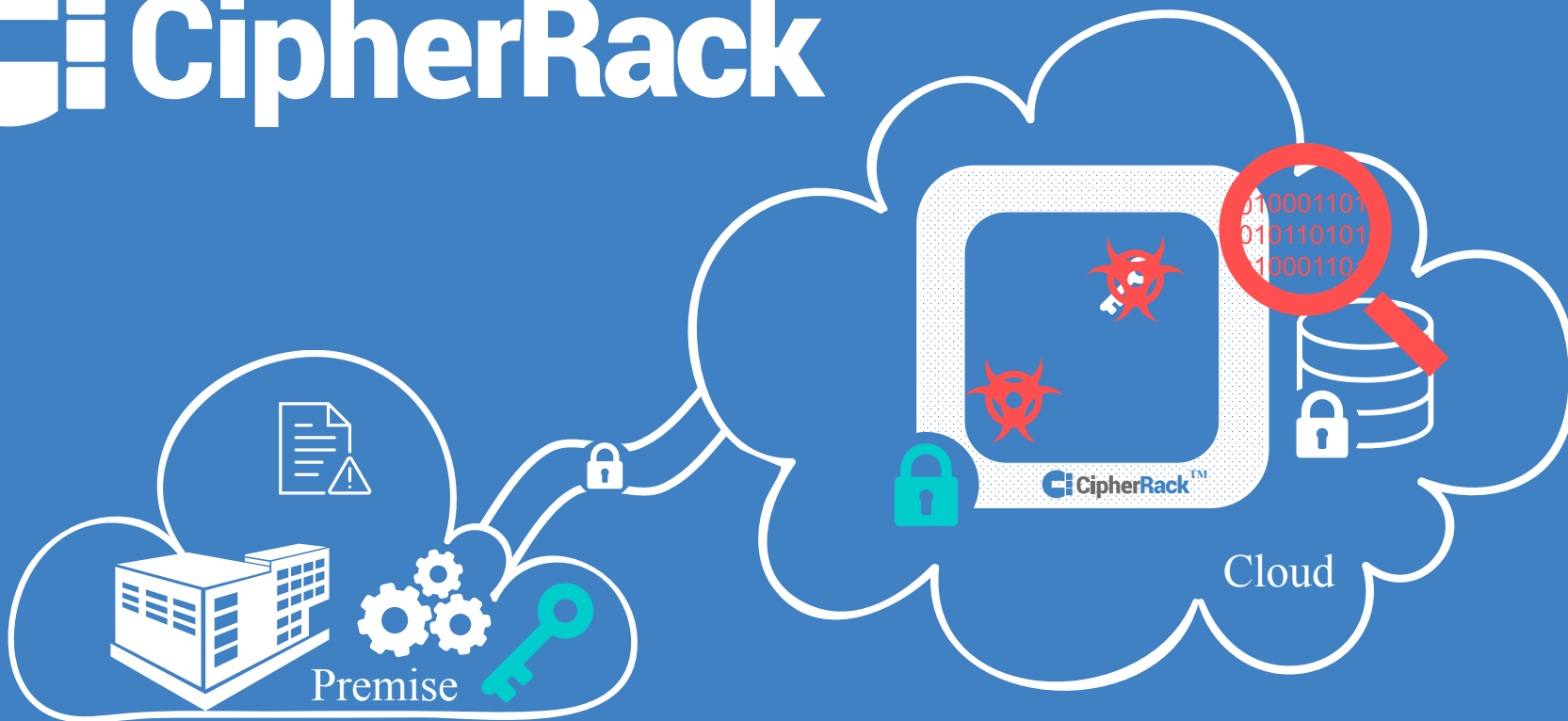
Empower enterprises to move to
the cloud protected, in full control

How We Do It



Trust Nothing.
Run
Encrypted.

CipherRack™



 **Private
Machines**

Why You Need It



Indemnities don't protect from breaches.
Regulators come after you, not the cloud.

Trust Nothing.
Run Encrypted.



CipherRack™
Tamper-Proof Cloud



ENFORCER™ SRX1
Tamper-Proof Server



CipherLocker™
Encrypted File Sharing



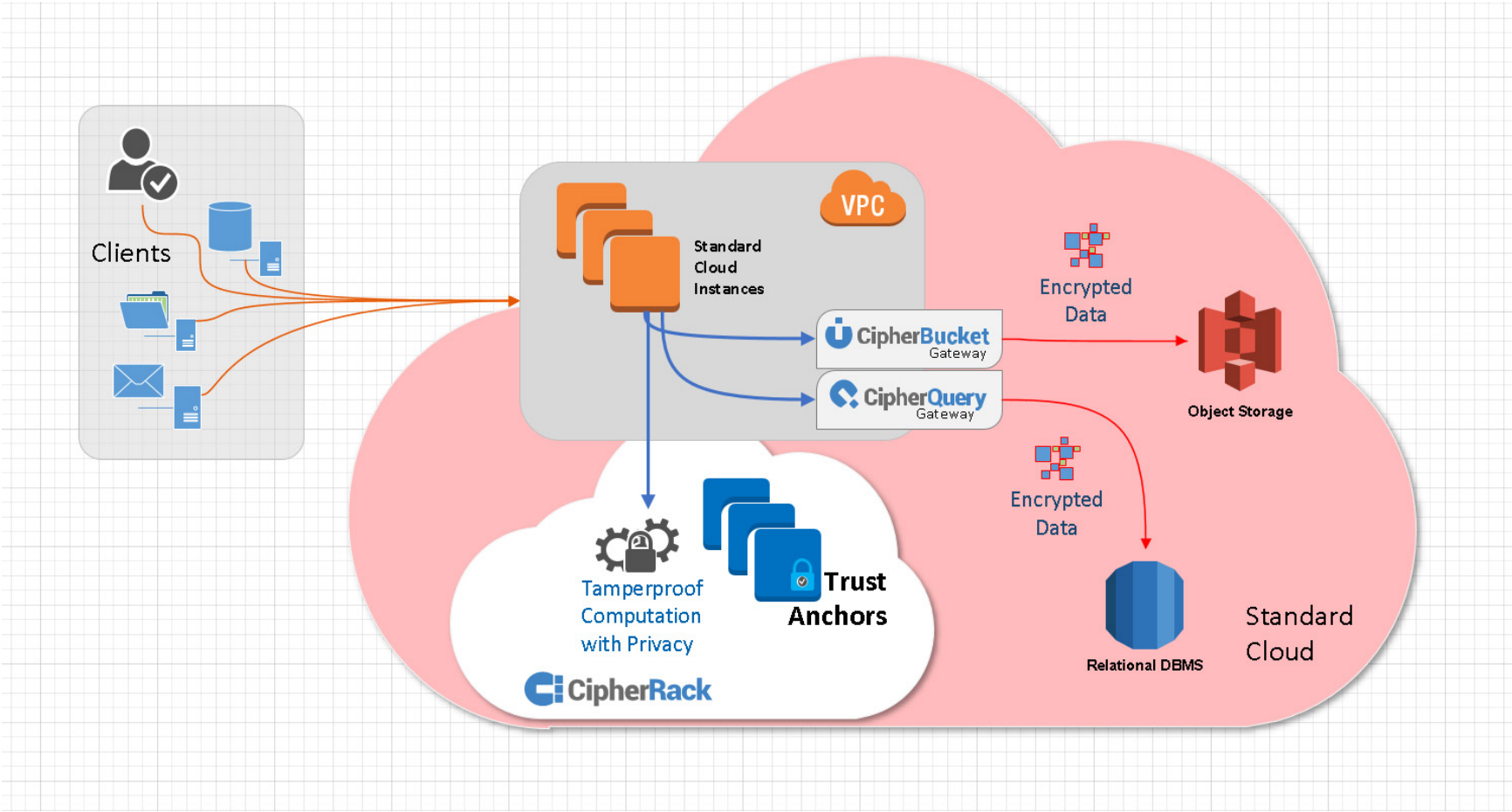
CipherBucket™
Encrypted Object Storage



CipherQuery™
Encrypted Cloud DB

 **Private
Machines**
Hype-free Security for Infrastructure and Cloud

Overview





CipherRack™

Do not have to trust cloud provider

All processing is private

Highest NIST Security Certification

Strong data confidentiality

Protect Software Integrity

Protect Data Integrity

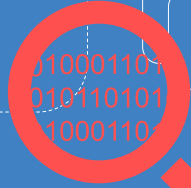
Stay in control - cloud never sees keys

CipherRack™

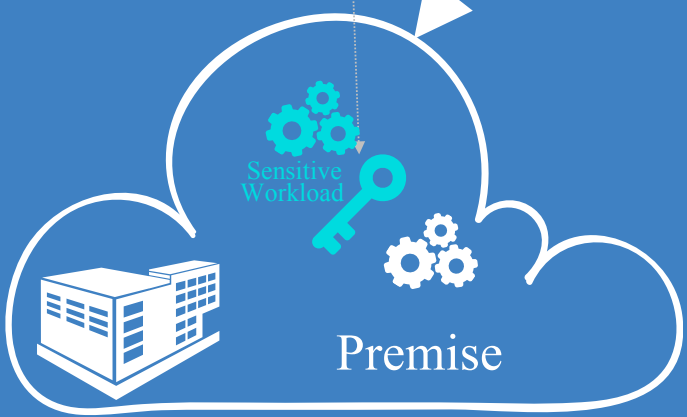


Cloud

VPC



Standard Cloud Compute



Premise

Private Machines

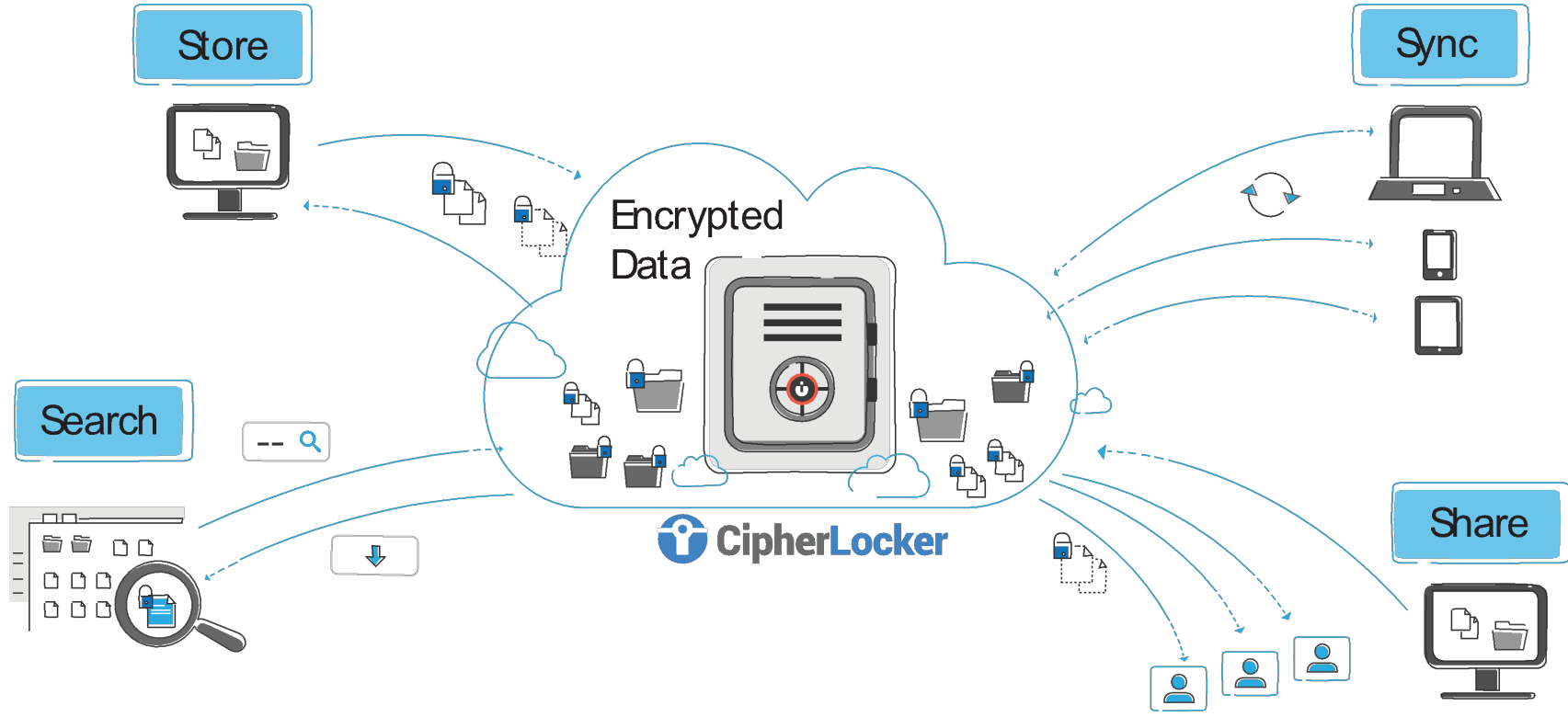


<https://cipherlocker.com>

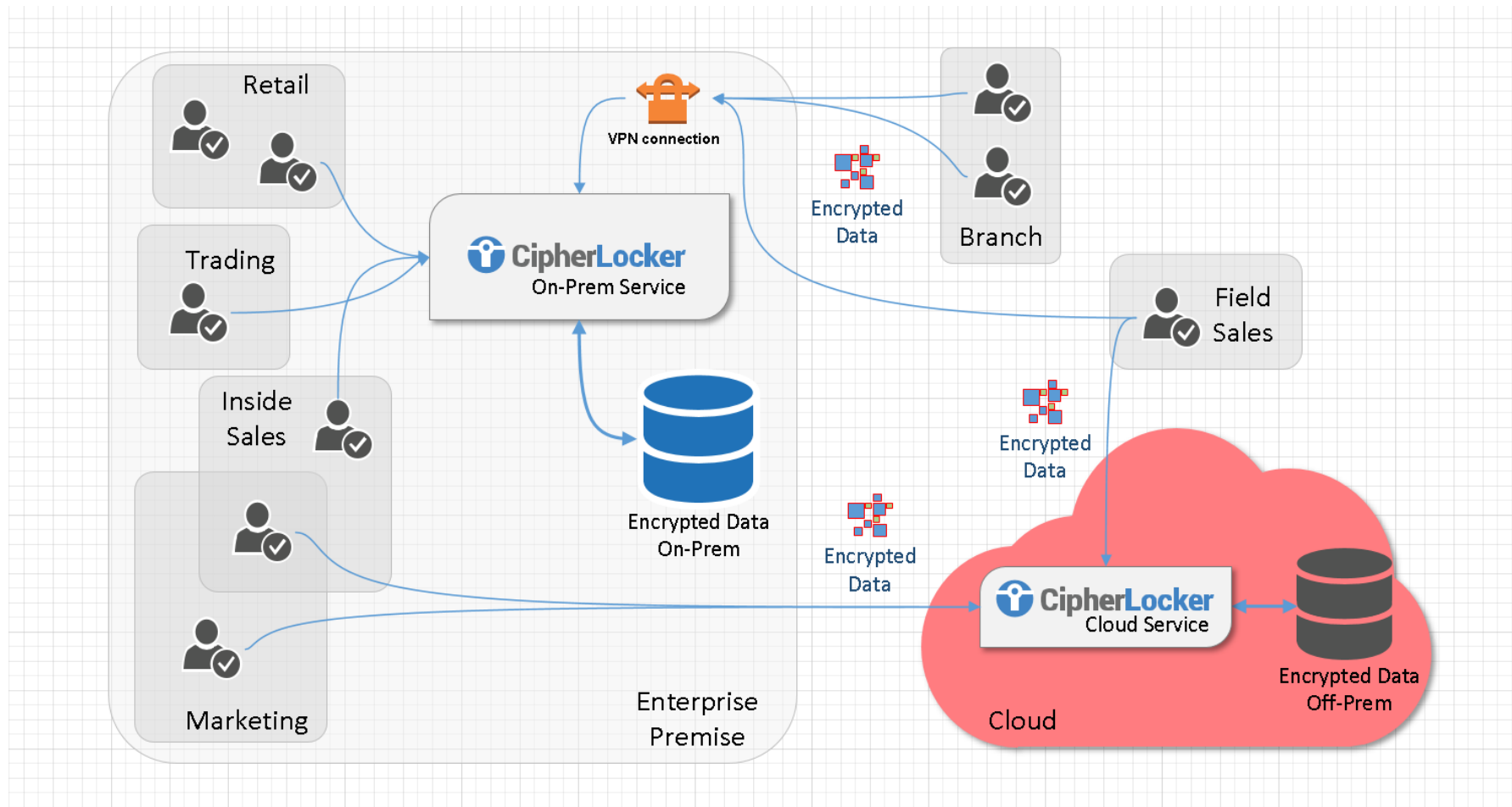
Open Source and Free. Supported by the National Science Foundation Transition to Practice Program



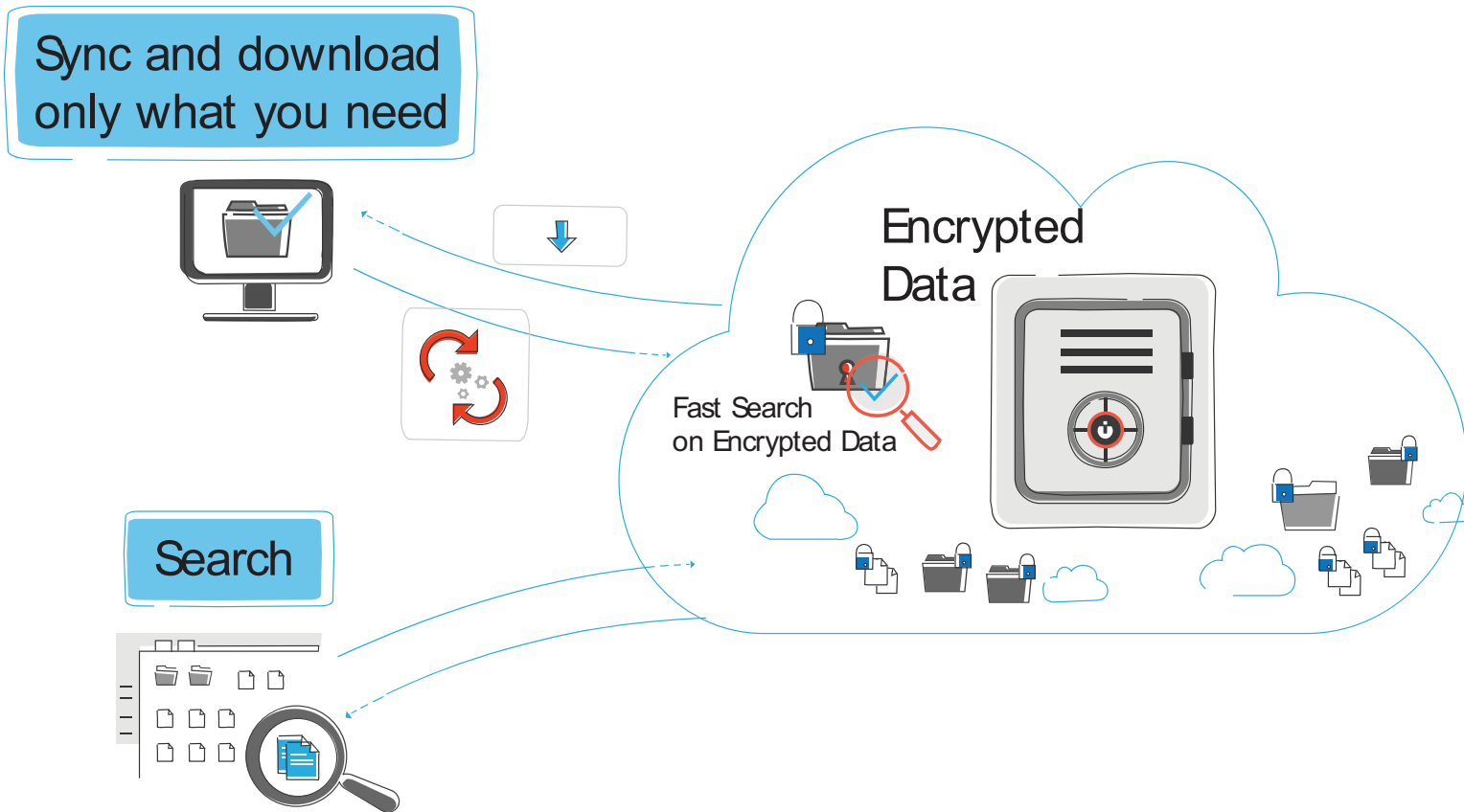
CipherLocker™: Encrypted Enterprise File Sharing



Deployment



Encrypted Data Search Portal



Feature Comparison



	CipherLocker™	Dropbox	Box	Tresorit	Boxcryptor	SpiderOak
Search In Encrypted Files Without Downloading	●	✗	✗	✗	✗	✗
Cloud Absolutely Never Sees Your Data	●	✗	✗	◎	◎	◎
Cloud Never Sees Encryption Keys	●	✗	✗	◎	◎	◎
Secure Public Key Exchange	●	✗	✗	✗	✗	✗
Share-Wide Integrity Protection	●	✗	✗	✗	✗	✗
Sharing Secure Against Cloud Insiders	●	✗	✗	✗	✗	✗
Grouping/Teaming Secure Against Cloud Insiders	●	✗	✗	✗	✗	✗
Source-Code Available for Evaluation	●	✗	✗	✗	✗	✗
Cryptographic Protocols Publicly Documented	●	✗	✗	◎	◎	◎
Ranked Search	●	●	●	✗	✗	✗
Semantic Security	●	✗	✗	◎	◎	◎
Zero-Leak™	●	✗	✗	◎	◎	◎
Redundancy Across Multiple Clouds	●	✗	✗	✗	✗	◎