

Data Sheet

www.kerncan.com/edge

Kern EDGE: Security in the Cloud

Document Security as a Priority



How We Secure Your Documents

Superior security begins with Kern EDGE's innovative software platform that handles files through proprietary technology that makes your files accessible and viewable to only those with the required access credentials. All documents, once scanned and indexed, are run through our security encryption software where they are "wrapped" in a secure format and immediately uploaded to the Customer's secure "Cloud".

We provide multi-layer security for critical documents when they are at rest. Every document is 128 bit encrypted using AES level encryption and password protected. Those password protected and 128 bit encrypted documents are then encoded into the secured WRA-structured file, which provides an additional level of security to protect them.

In the Kern EDGE SaaS platform, the customer is able to maintain and manages the security user filters and can control who can access the data with user name and password administration. This encryption insures that internal network/system personnel cannot view the data even if they can access the drive and/or directory where the data is stored on your internal server. No user has any access to any WRA file directly. The software is the only source that can extract the document from this archive and returns only the single requested extracted document.

Extracted documents in transit are sent via SSL 3.x (TLS) encryption over HTTPS, the highest level of security currently available on the internet. A valid certificate signed by a certified signing authority is provided to each and every hosted customer that provides this level of encryption.

3 Step File Encryption Process



Files are scanned or uploaded and indexed.



.WRA files are 128 bit encrypted for a 2nd layer of security.



Files Are converted to .WRA format for secure storage.



Files are password protected and only accessible by authorized users with valid login credentials and transmitted through HTTPS.

Safe Harbor Certified

For companies doing business internationally, Kern EDGE is Safe Harbor Certified. Safe Harbor is a set of guidelines governing the protection of any sensitive personal information from European entities or customers. Safe Harbor Certification for Kern EDGE customers means that your data is handled properly and you are in compliance with Data Protection Directives of the European Union and regulations in the United States.

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Secure Cloud

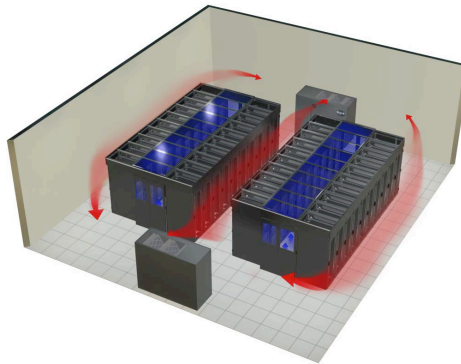
World Class Tier IV Internet DataCenter (IDC) Facility

Kern utilizes co-located space within BAIS in Santa Clara, California. BAIS is a tier 4 data center to manage the servers and software, taking advantage of their significant expertise in operating a best of breed data center. This is the infrastructure that supports your private cloud.

This datacenter is a fully redundant Tier IV site (highest industry standard classification) and is being constructed with environmentally friendly products and systems by utilizing the newest energy efficient technology and architectural design methodologies.

BAIS Features:

- Tier IV Datacenter
- SAS70 Type II Compliant
- Carrier Neutral
- Fully Redundant, N+1 Facility
- 83,000 square foot Facility
- 30,000 square foot Datacenter
- 30 inch raised Floor
- 1.25 Seismic Importance Rating



Back-Up

In addition to the servers hosted at BAIS, Kern EDGE has a continuous back-up through Cyber Trails in Phoenix, AZ. This is a critical component of your business continuance planning.

Data Protection

SAS 70 II Certified

Kern EDGE is SAS 70 certified for establishing quality and controlled processes. SAS 70 signifies that a service organization has had its control objectives and control activities examined by an independent accounting and auditing firm. SAS 70 certification identifies that Kern EDGE complies with the data protection standards in the United States.

Safe Harbor Certified

Safe Harbor is a set of guidelines governing the protection of any sensitive personal information receive from European entities. Safe Harbor certification identifies an organizations compliance with data protection directives of the EU.



**Kern EDGE is certified
for E-security**



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