WHAT CONSUMERS DESIRE AND ENTERPRISES REQUIRE

What consumers desire

Mobile consumers, whether they are employees, clients, or business partners, want to be empowered to access files, share data, and collaborate anytime, anywhere, from any device. Enterprises want to gain the competitive and cost advantages that mobile devices and cloud storage technologies deliver.

This means leveraging cloud storage provider services, such as Dropbox, by using unmanaged (e.g. personal) or managed (e.g. enterprise), mobile (e.g. tablets), or traditional (e.g. laptops) devices.

When using their personal devices, consumers desire full control over their device as well as their data. Consumers want their personal privacy to be respected. They want seamless revocation upon termination that does not affect their personal data. Additionally, consumers need a solution that maintains the native mobile computing experience they understand and value.

What enterprises require

Enterprises must have the necessary security safeguards in place to maintain their data privacy and compliance posture. Enterprises require operational and administrative capabilities to ensure that files shared through cloud storage providers and accessed through managed or unmanaged devices will be secured. Enterprises want to follow best security practices to ensure compliance with business and regulatory requirements (e.g. SSAE/SAS70, HIPAA, PCI, FFIEC, FISMA, etc.).

The challenge for enterprises is to deliver a secure mobile file sharing collaboration solution that meets consumer expectations so that the practice will be readily adopted. However, the solution must also possess the security safeguards needed by enterprises in order to maintain their security, privacy, and compliance posture.

nCrypted Cloud is the ground breaking cloud storage and collaboration security solution. nCrypted Cloud uniquely delivers what consumers want and what enterprises must have. Users can now securely access and share documents or files stored anywhere, anytime, from any device, all while still using the same cloud storage provider already adopted.

What makes nCrypted Cloud unique

nCrypted Cloud's unique consumer-centric design, data-centric security architecture, and enterprise strength encryption and auditing features make it the undisputed leader in the mobile collaboration and file sharing security marketplace. Because nCrypted Cloud is cloud based, enterprises can start deploying immediately, and consumers will embrace it as it works with their existing cloud storage provider of choice.

Consumer-Centric Design and Interface

nCrytped Cloud is the only product that does not compromise the end user's mobile computing experience. Alternatively, it empowers consumers to respect and enforce the personal and corporate security and privacy requirements.

Consumer-Centric Features:

Integrated interface that natively blends into the existing leading cloud storage provider's user interface, delivering a seamless mobile computing user experience.

Secure self-provisioning features that empower the business consumer to create workgroups or individual file sharing access anytime the business circumstance warrants it. (Self-provisioning eliminates the need for IT involvement while maximizing flexibility).

Self-explanatory security selection menu. (e.g. create a secure folder, who can access, what they can do, etc.)

Automatic notifications sent to collaborating individuals or members of workgroups to facilitate collaboration.

Benefits of Consumer-Centric Design:

Enterprises can securely reap the benefits and advantages of using cloud storage and mobile technologies to gain a competitive edge, offer better customer service, and reduce costs.

Workforce members can securely share files and collaborate with customers and business partners from anywhere, regardless of whether the device is unmanaged or managed, mobile or traditional.

Workforce members can securely access documents and files from their personal device. (i.e. BOYD)

Ease of deployment.

No training required, simple instructions are all that is needed.

Simple and effortless adoption leverages files storage tools consumers already use.

Enterprise Strength Security

nCrypted Cloud's patent pending security technology and data centric security architecture seamlessly fuses mobile, cloud, and traditional computing platforms. nCrypted Cloud provides enterprise strength security features to enable large-scale deployments. nCrytped Cloud contains all the administrative and technical safeguards to securely and easily enable file sharing and collaboration over the Internet.

nCrypted Cloud Security Features:

Data centric security architecture

- Persistent encryption controls to prevent data loss.
- Security controls accompany the data wherever it goes, even if the data has been copied to CDs, saved on memory sticks, or sent through email.

Enterprise administrative console for:

- Policy administration (e.g. provisioning, de-provisioning, key revocation).
- User activity and usage monitoring.
- Robust auditing, security monitoring, and forensic capabilities detailing:
  - ✓ Name of documents shared, to whom, when, what recipient did (e.g. viewed, changed, copied etc.).
    - ❖ Watermark and view-only granular security controls.
    - ❖ Folder and file level security for fine-grained security controls.

Patent pending key management design that effectively and securely segregates personal and enterprise files, provides file and folder level security, and separates encryption/decryption keys from the files stored on cloud service provider servers.

Encryption at rest and in flight.

Industry standard encryption, key generation, and storage.

- AES-256 encryption, PBKDF2 key algorithms, .ZIP file formats.

Revocation controls to block file access to a terminated workgroup member.

Remote wipe capabilities if device is lost.

Enterprise key(s) for data recovery and forensics purposes.

Supports multi-identity (e.g. personal and enterprise identities).

Cloud storage provider agnostic or neutral.

- Dropbox today (Google Drive, SkyDrive, and others soon).

Can readily be interfaced with IAM and SIEM infrastructures for integrated provisioning/de-provisioning and security monitoring.

SSO integration through SAML 2.0.

iOS and Android mobile devices, Windows XP, 7, 8, and MAC OSX supported.

Built-in centralized automated software distribution and management.

Benefits of nCrypted Cloud Security Features:

Providing enterprise strength security capabilities to enable businesses to securely share files and collaborate over the Internet using managed or unmanaged devices.

Maintaining enterprise security, privacy, and compliance posture.

i.e. auditable and regulatory compliant infrastructure

Ease of deployment, administration, and maintenance.

Empowers consumers while maintaining corporate governance, oversight, and compliance.

Minimal to no footprint to existing IT infrastructure.

Eliminates concerns and risks of personal and enterprise data comingling.

Conclusion

Consumers want to be empowered. They desire personal privacy while still maintaining their familiar work practices.

Businesses want to reap the benefits and advantage that mobility and cloud storage technologies deliver.

Enterprises must have the necessary security safeguards in place in order to maintain their data privacy and regulatory compliance posture.

nCrypted Cloud provides a secure mobile solution that meets consumer expectations enabling it to be readily adopted and embraced by consumers. nCrypted Cloud possesses the best security practices for enterprises to meet present and future business or regulatory security requirements.

Best of all, nCrypted Cloud is easy to deploy and use.