



**PRESS RELEASE**  
**For Immediate Publication**

## **IceWEB Delivers AES-256 Encryption for Iplicity Platform**

### ***Strong Encryption Meets Government Top Secret Standards; Solves Cloud Storage Data Security Issues***

**STERLING, Va. – (BUSINESSWIRE) – March 9, 2010** – IceWEB, Inc.<sup>™</sup> (OTCBB: IWEB), [www.IceWEB.com](http://www.IceWEB.com), a leading provider of building blocks for cloud storage networks and purpose built appliances, announced today that the Company has successfully integrated AES-256 Encryption at the folder level within its Iplicity product line.

The Advanced Encryption Standard (AES) is an encryption standard adopted by the U.S. Government. The standard comprises three block ciphers, AES-128, AES-192 and AES-256. Each AES cipher has a 128-bit block size, with encryption key sizes of 128, 192 and 256 bits, respectively. AES is the first publicly accessible and open cipher approved by the NSA (National Security Agency) for top secret information.

“Our government clients demand strong encryption to protect their highly sensitive data. Our Health Care clients are mandated to ensure protection and privacy of patient medical records. Our corporate clients are keen on protecting their critical business data assets,” said Gary Dunham, SVP of Product Development and Engineering for IceWEB. “Iplicity<sup>™</sup> now offers them a flexible and secure encryption methodology with which to address those requirements. With this new tool, Iplicity clients can now designate particular volumes or folders to be encrypted/decrypted, pending of course, the provision of the proper authentication passphrase, on the fly. The encrypted data, resident in unreadable blocks without the proper passphrase, can still be backed up, managed with our Iplicity system utilities such as remote replication for disaster recovery, multi-protocol access, and others.”

“This encryption capability also addresses a huge issue which has been slowing mass adoption of Cloud Storage. Companies have been hesitant to migrate proprietary data to third party cloud storage providers due to data security concerns. If cloud storage service providers are using the Iplicity platform in conjunction with our AES-256 encryption, their customers can configure volumes and folders to be fully encrypted. Those volumes and folders can then only be mounted and utilized upon provision of the proper cipher passphrase, once closed by the authenticated user, the volumes and/or folders are automatically dismounted and completely unavailable for use until the next time the private cipher passphrase is provided.” said Dunham, “Problem solved.”

Dunham continued, “The new encryption capability is available immediately to existing and new Iplicity customers. It is included in the Iplicity software environment at no additional charge; however, it must be implemented by our IceWEB Professional Services team, or by an IceWEB Certified

Reseller Partner. Clients or prospective new customers desiring additional details should contact us at [AES256@iceweb.com](mailto:AES256@iceweb.com)."

### **About IceWEB, Inc.**

Headquartered just outside of Washington, D.C., IceWEB manufactures and markets purpose built appliances, network and cloud storage solutions and delivers on-line cloud computing application services. Its customer base includes U.S. government agencies, enterprise companies, and small to medium sized businesses (SMB). For more information, please visit [www.IceWEB.com](http://www.IceWEB.com).

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