Encryption Policy

Version 2.7

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Prepared By

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1.0	12/06/08	JayaseelanJ	Initial Issue
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Reviewed and Approved By

Version	Date	Reviewed by	Approved By	Owner
1.0	12/06/08	Mr. Madhavaswamy	Mr. R.Kumar	ISM
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1. PURPOSE

Encryption policy is to provide guidance that limits the use of encryption to those algorithms that have received substantial public review and have been proven to work effectively. Additionally, this policy provides direction to ensure that Federal regulations are followed, and legal authority is granted for the dissemination and use of encryption technologies.

2. SCOPE

This policy applies to all AEL Data employees and affiliates.

3. ROLES AND RESPONSIBILITIES

All users using the AEL Data network and resources must adhere to this policy.

4. REFERENCE STATEMENTS

Proven, standard algorithms such as DES, Blowfish, RSA, RC5 and IDEA should be used as the basis for encryption technologies. These algorithms represent the actual cipher used for an approved application. For example, Network Associate's Pretty Good Privacy (PGP) uses a combination of IDEA and RSA or Diffie-Hellman, while Secure Socket Layer (SSL) uses RSA encryption. Asymmetric crypto-system keys must be of a length that yields equivalent strength.

The use of proprietary encryption algorithms is allowed for any purpose approved by Chief Information Security Officer.

5. COMPLIANCE

5.1. Audits will be performed on a regular basis by authorized organizations/designated officers of AEL Data.
5.2. Audits will be managed in accordance with the Information Security Audit Procedure.
5.3. Every effort will be made to prevent audits from causing operational failures or disruptions.

6. EXCLUSIONS

There are no exclusions to the above guidelines

7. ENFORCEMENT

Any employee found to have violated this policy may be subject to disciplinary action as per HR & Admin Procedure.