Standard Encryption with Compression Encoding Scheme

The Standard Encryption with Compression Encoding scheme encrypts medium-length text content. Data encryption with this scheme will no longer be searchable. This scheme uses standard AES-256 with Random IVs and CJK encoding for compression.

Use this encryption scheme instead of the Non-Searchable Encryption - Length Preserving Scheme.

IMPORTANT: The exact expansion/contraction rates depend on the ciphertext encoding used, but in the current configuration an n-character plain text will result in a $(4n/7)+14$ character ciphertext.

Use Case: This scheme fits well when you want to encrypt medium-length text content in fields like Description of a Case, Comments on a Task, etc. Typical target fields in SFDC are a Text Area, either on standard or custom objects.