Legend:
Key
IV
Encrypted

This example is from test_crypto.lpr to compare with openssl
test0612.txt
Key Ascii Now we are engaged in a great ci

Key Hex 4e6f7720776520617265206520656e676167656420696e2061206772656174206369

IV 000102030405060708090A0B0C0D0E0F

***openssl enc -v -P -p -nosalt -aes-256-cbc -K
4e6f7720776520617265206520656e676167656420696e2061206772656174206369 -iv
000102030405060708090A0B0C0D0E0F -in text.plain -out some.secret.enc***

This from test_crypto.lpr
cat text.plain
Four score and s

openssl enc -v -P -p -nosalt -aes-256-cbc -K
4e6f7720776520617265206520656e676167656420696e2061206772656174206369 -iv
000102030405060708090A0B0C0D0E0F -in text.plain -out some.secret.enc
bufsize=8192
key=4E6F7720776520617265206520656E676167656420696E2061206772656174206369
iv =000102030405060708090A0B0C0D0E0F
bytes read   :   17
bytes written: 32

some.secret.enc
00000000   23 AE 14 F4 A7 B2 DC 7F 1D D8 9C F6 F0 7E 40 48   #............~@H
00000010   F6 55 F7 54 99 D6 0A 89 06 69 6E E8 52 05 01 26   .U.T.....in.R..&

test0612.txt
StrEnc
23ae14f4a7b2dc7f1dd89cf6f07e4048
501eb0abb52fd1ad788cec4d154b9fd6

openssl enc -d -v -P -p -nosalt -aes-256-cbc -K
4e6f7720776520617265206520656e676167656420696e2061206772656174206369 -iv
000102030405060708090A0B0C0D0E0F -in some.secret.enc -out text.plaindec

bufsize=8192
key=4E6F772077652061726520656E676167656420696E206120677265617420636**9**
iv =00010203040506070809090A0B0C0D0E0F
bytes read   :   32
bytes written: 17

cat text.plaindec
Four score and s

Key Ascii Now we are engaged in a great ci

Key Hex 4e6f772077652061726520656e676167656420696e20612067726561742063369

IV 23ae14f4a7b2dc7f1dd89cf6f07e4048

cat text.plain1
even years ago o

***openssl enc -v -P -p -nosalt -aes-256-cbc -K
4e6f772077652061726520656e676167656420696e20612067726561742063369 -iv
23ae14f4a7b2dc7f1dd89cf6f07e4048 -in text.plain1 -out some.secret1.enc***
bufsize=8192
key=4E6F772077652061726520656E676167656420696E206120677265617420636**9**
iv =23AE14F4A7B2DC7F1DD89CF6F07E4048
bytes read   :   17
bytes written: 32
some.secret1.enc
00000000   50 1E B0 AB B5 2F D1 AD 78 8C EC 4D 15 4B 9F D6   P..../..x..M.K..
00000010   ED 65 F5 09 E7 2A F1 6E 3E 7D 49 2B 88 D1 DB 79   .e...*.n>}I+...y

test0612.txt
StrEnc
23ae14f4a7b2dc7f1dd89cf6f07e4048
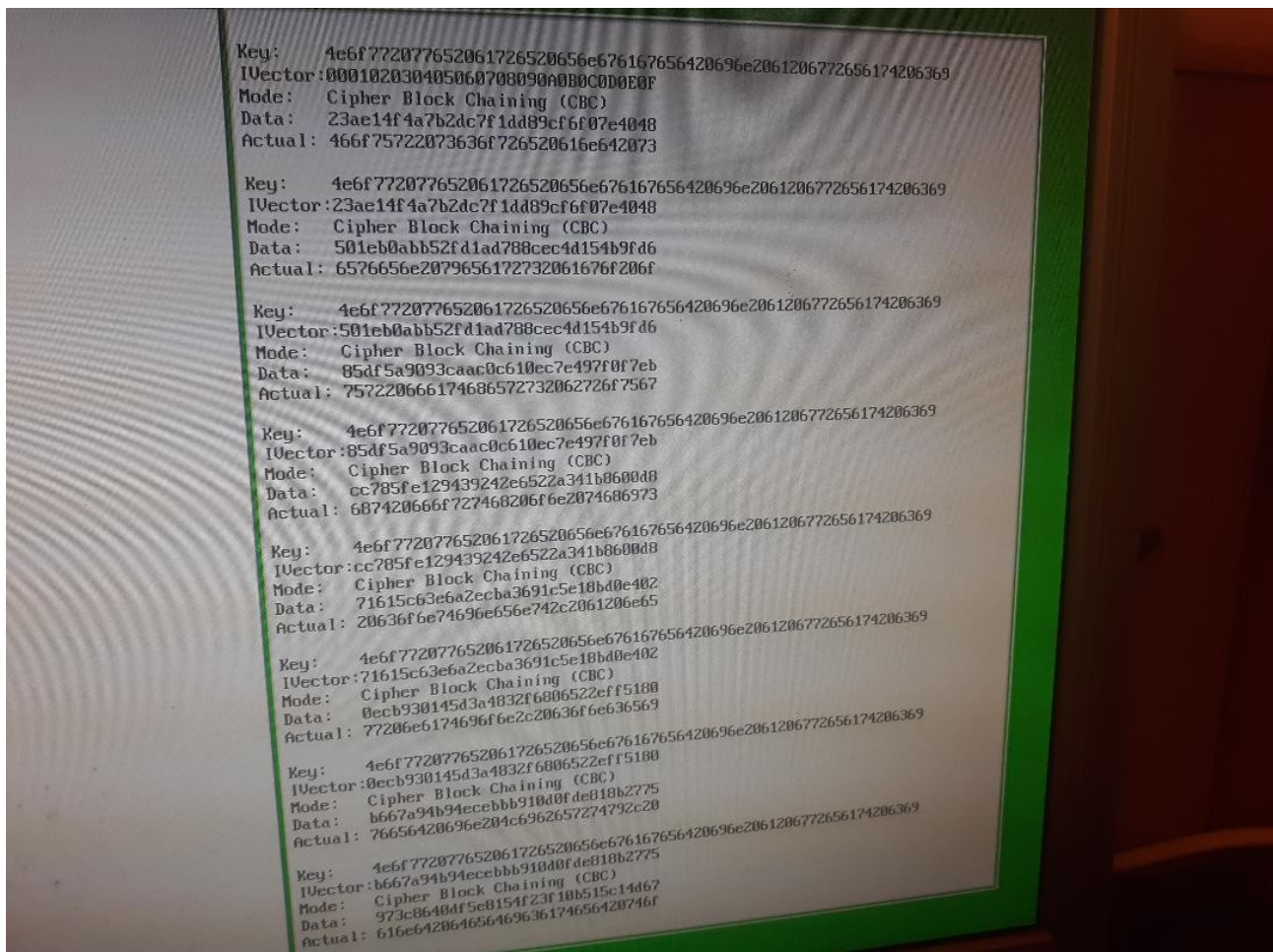501eb0abb52fd1ad788cec4d154b9fd6

openssl enc -d -v -P -p -nosalt -aes-256-cbc -K
4e6f772077652061726520656e676167656420696e20612067726561742063369 -iv
23ae14f4a7b2dc7f1dd89cf6f07e4048 -in some.secret1.enc -out text.plain1dec
bufsize=8192
key=4E6F772077652061726520656E676167656420696E206120677265617420636**9**
iv =23AE14F4A7B2DC7F1DD89CF6F07E4048
bytes read   :   32
bytes written: 17

cat text.plain1dec
even years ago o

Key: 4e6f7720776520617265520656e676167656e6420696e206120677265174206369
IVector:000102030405060708090A0B0C0D0E0F
Mode: Cipher Block Chaining (CBC)
Data: 23ae14f4a7b2dc7f1dd89cf6f07e4048
Actual: 466f75722073636f726520616e642073

Key: 4e6f7720776520617265520656e676167656e6420696e206120677265174206369
IVector:23ae14f4a7b2dc7f1dd89cf6f07e4048
Mode: Cipher Block Chaining (CBC)
Data: 501eb0abb52fd1ad788cec4d154b9fd6
Actual: 6576656e2079656172732061676f206f

Key: 4e6f7720776520617265520656e676167656e6420696e206120677265174206369
IVector:501eb0abb52fd1ad788cec4d154b9fd6
Mode: Cipher Block Chaining (CBC)
Data: 85df5a9093caac0c610ec7e497f0f7eb
Actual: 75722066617468657273206272726f7567

Key: 4e6f7720776520617265520656e676167656e6420696e206120677265174206369
IVector:85df5a9093caac0c610ec7e497f0f7eb
Mode: Cipher Block Chaining (CBC)
Data: cc785fe129439242e6522a341b8600d8
Actual: 687420666f727468206f6e2074686973

Key: 4e6f7720776520617265520656e676167656e6420696e206120677265174206369
IVector:cc785fe129439242e6522a341b8600d8
Mode: Cipher Block Chaining (CBC)
Data: 71615c63e6a2ecba3691c5e18bd0e402
Actual: 20636f6e74696e656e742c2061206e65

Key: 4e6f7720776520617265520656e676167656e6420696e206120677265174206369
IVector:71615c63e6a2ecba3691c5e18bd0e402
Mode: Cipher Block Chaining (CBC)
Data: 0ecb930145d3a4832f6806522eff5180
Actual: 77206e6174696f6e2c20636f6e636569

Key: 4e6f7720776520617265520656e676167656e6420696e206120677265174206369
IVector:0ecb930145d3a4832f6806522eff5180
Mode: Cipher Block Chaining (CBC)
Data: b667a94b94eccebbb910d0fde818b2775
Actual: 76656420696e204c696265727479792c20

Key: 4e6f7720776520617265520656e676167656e6420696e206120677265174206369
IVector:b667a94b94eccebbb910d0fde818b2775
Mode: Cipher Block Chaining (CBC)
Data: 973c8640df5e8154f23f10b515c14d67
Actual: 616e642064656469636174656420746f

The file was converted to a single line cat plain.txt

Four score and seven years ago our fathers brought forth on this continent, a new nation, conceived in Liberty, and dedicated to

Note: When joining the 8 blocks I missed a space between thiscontinent this what was causing the encrypted data to be different between ooenssl and Ultibo.

~~Four score and seven years ago our fathers brought forth on thiscontinent, a new nation, conceived in Liberty, and dedicated to~~

From file written by Ultibo
ASC & Hex key
Now we are engaged in a great ci
4e6f7720776520617265520656e676167656e6420696e206120677265174206369
Strplaintext
Four score and s
even years ago o
ur fathers broug
ht forth on this
 continent, a ne
w nation, concei
ved in Liberty,
and dedicated to
StrIV
000102030405060708090A0B0C0D0E0F
23ae14f4a7b2dc7f1dd89cf6f07e4048
501eb0abb52fd1ad788cec4d154b9fd6

85df5a9093caac0c610ec7e497f0f7eb
cc785fe129439242e6522a341b8600d8
71615c63e6a2ecba3691c5e18bd0e402
0ecb930145d3a4832f6806522eff5180
b667a94b94ecebbb910d0fde818b2775

StrEnc
23ae14f4a7b2dc7f1dd89cf6f07e4048
501eb0abb52fd1ad788cec4d154b9fd6
85df5a9093caac0c610ec7e497f0f7eb
cc785fe129439242e6522a341b8600d8
71615c63e6a2ecba3691c5e18bd0e402
0ecb930145d3a4832f6806522eff5180
b667a94b94ecebbb910d0fde818b2775
973c8640df5e8154f23f10b515c14d67

StrDecry
466f75722073636f726520616e642073
6576656e2079656172732061676f206f
7572206661746865727320626726f7567
687420666f727468206f6e2074686973
20636f6e74696e656e742c2061206e65
77206e6174696f6e2c20636f6e636569
76656420696e204c6962657274792c20
616e6420646564696361746564207461

Now all 8 blocks match with Ultibo.

~~The first 4 lines match the 2nd thru 5t^h IV.   The question is why the 6th thru 8th do not match~~

openssl enc -v -P -p -nosalt -aes-256-cbc -K
4e6f772077652061726520656e676167656420696e206120677265617420636369 -iv
00102030405060708090A0B0C0D0E0F -in plain.txt -out encrypted
bufsize=8192
key=4E6F772077652061726520656E676167656420696E206120677265617420636369
iv =00102030405060708090A0B0C0D0E0F
bytes read   :   128
bytes written: 144

~~00000000   23 AE 14 F4 A7 B2 DC 7F 1D D8 9C F6 F0 7E 40 48 #...........~@H~~
~~00000010   50 1E B0 AB B5 2F D1 AD 78 8C EC 4D 15 4B 9F D6 P.../..x..M.K..~~
~~00000020   85 DF 5A 90 93 CA AC 0C 61 0E C7 E4 97 F0 F7 EB ..Z.....a.......~~
~~00000030   CC 78 5F E1 29 43 92 42 E6 52 2A 34 1B 86 00 D8 .x_.)C.B.R*4....~~
00000040   A9 2C 44 DD D8 D4 3F 8A 6D 45 3E 21 A2 E9 AC F0 .,D...?.mE>!....
00000050   73 92 B1 A2 EC A5 DD 06 A3 EF 57 E2 35 38 CC 3D s.........W.58.=
00000060   76 06 59 C5 A0 33 21 98 60 D2 06 FB C3 0E B0 6C v.Y..3!.`......l
00000070   9F 8A 06 8D 7E 89 34 73 58 D7 FD B3 8B E9 B8 21 ....~.4sX......!
00000080   B3 25 71 10 4D 31 A5 90 18 5F DA C4 AF 3D 56 06

Now the blocks match with Ultibo.

```
00000000   23 AE 14 F4  A7 B2 DC 7F  1D D8 9C F6  F0 7E 40 48  #...........~@H
00000010   50 1E B0 AB  B5 2F D1 AD  78 8C EC 4D  15 4B 9F D6  P.../..x..M.K..
00000020   85 DF 5A 90  93 CA AC 0C  61 0E C7 E4  97 F0 F7 EB  ..Z.....a.......
00000030   CC 78 5F E1  29 43 92 42  E6 52 2A 34  1B 86 00 D8  .x_.)C.B.R*4....
00000040   71 61 5C 63  E6 A2 EC BA  36 91 C5 E1  8B D0 E4 02  qa\c....6.......
00000050   0E CB 93 01  45 D3 A4 83  2F 68 06 52  2E FF 51 80  ....E.../h.R..Q.
00000060   B6 67 A9 4B  94 EC EB BB  91 0D 0F DE  81 8B 27 75  .g.K.........'u
00000070   97 3C 86 40  DF 5E 81 54  F2 3F 10 B5  15 C1 4D 67  .<.@.^.T.?....Mg
00000080   96 D7 A3 5B  59 90 AF E4  2C 09 A2 CB  33 3C BE 3C
```

~~cat plain.txt~~
~~Four score and s~~
~~even years ago o~~
~~ur fathers broug~~
~~ht forth on this~~
~~continent, a ne~~
~~w nation, concei~~
~~ved in Liberty,~~
~~and dedicated to~~

~~openssl enc -v -P -p -nosalt -aes-256-cbc -K~~
~~4e6f77207765206172652065656e67676564206e612061206772656174206369~~ ~~-iv~~
~~000102030405060708090A0B0C0D0E0F~~ ~~-in plain.txt -out encrypted~~
~~bufsize=8192~~
~~key=4E6F77207765206172652065656E67676564206E612061206772656174206369~~
~~iv =000102030405060708090A0B0C0D0E0F~~
~~bytes read   :   136~~
~~bytes written: 144~~

~~00000000   23 AE 14 F4 A7 B2 DC 7F 1D D8 9C F6 F0 7E 40 48 #...........~@H~~
~~00000010   24 83 59 90 D3 29 7C A2 83 50 86 D1 50 DF E4 D1 $.Y..)|..P..P...~~
~~00000020   61 1E 3B 24 F3 80 23 24 25 EC 49 F0 1A 9A 40 F8 a.;$..#$%.I...@.~~
~~00000030   D6 BC A5 29 77 41 61 F4 2A 0C 66 5D D2 EE CD AE ...)wAa.*.f]....~~
~~00000040   D1 1B C6 A2 B4 9D 8C BA 5E D3 CA 7C E3 FF 64 09 ....^..|..d.~~
~~00000050   16 20 99 0F EB BD 82 A6 9C 8C 59 29 DD E1 D6 B1 . ...Y)....~~
~~00000060   19 08 59 8E E4 4B C4 4B AF E3 50 B0 68 D1 49 26 ..Y.K.K..P.h.I&~~
~~00000070   AD 5B 8D B4 7C 44 02 DD D8 CC 1B 59 5E 86 4B D7 .[..|D.....Y^.K.~~
~~00000080   AB D6 E5 58 B2 16 77 F2 32 EB 40 38 61 6B 5D 70 ...X..w.2.@8ak]p~~

~~openssl enc -d -v -P -p -nosalt -aes-256-cbc -K~~
~~4e6f77207765206172652065656e67676564206e612061206772656174206369~~ ~~-iv~~
~~000102030405060708090A0B0C0D0E0F~~ ~~-in encrypted -out decrypted~~
~~bufsize=8192~~
~~key=4E6F77207765206172652065656E67676564206E612061206772656174206369~~
~~iv =000102030405060708090A0B0C0D0E0F~~
~~bytes read   :   144~~
~~bytes written: 136~~

~~cat decrypted~~

~~Four score and s~~
~~even years ago o~~
~~ur fathers broug~~
~~ht forth on this~~
~~ continent, a ne~~
~~w nation, concei~~
~~ved in Liberty,~~
~~and dedicated to~~

openssl enc -d -v -P -p -nosalt -aes-256-cbc -K 4e6f772077652061726520656e676167656420696e2061206772656174206369 -iv 000102030405060708090A0B0C0D0E0F -in encrypted -out decrypted
bufsize=8192
key=4E6F772077652061726520656E676167656420696E2061206772656174206369
iv =000102030405060708090A0B0C0D0E0F
bytes read   :   144
bytes written: 128

cat decrypted

Four score and seven years ago our fathers brought forth on thiscontinent, a new nation, conceived in Liberty, and dedicated to

openssl help
Standard commands
asn1parse   ca   ciphers   cms
crl   crl2pkcs7   dgst   dhparam
dsa   dsaparam   ec   ecparam
enc   engine   errstr   gendsa
genpkey   genrsa   help   list
nseq   ocsp   passwd   pkcs12
pkcs7   pkcs8   pkey   pkeyparam
pkeyutl   prime   rand   rehash
req   rsa   rsautl   s_client
s_server   s_time   sess_id   smime
speed   spkac   srp   storeutl
ts   verify   version   x509

Message Digest commands (see the `dgst' command for more details)
blake2b512   blake2s256   gost   md4
md5   rmd160   sha1   sha224
sha256   sha3-224   sha3-256   sha3-384
sha3-512   sha384   sha512   sha512-224
sha512-256   shake128   shake256   sm3

Cipher commands (see the `enc' command for more details)
aes-128-cbc   aes-128-ecb   aes-192-cbc   aes-192-ecb
aes-256-cbc   aes-256-ecb   aria-128-cbc   aria-128-cfb
aria-128-cfb1   aria-128-cfb8   aria-128-ctr   aria-128-ecb
aria-128-ofb   aria-192-cbc   aria-192-cfb   aria-192-cfb1
aria-192-cfb8   aria-192-ctr   aria-192-ecb   aria-192-ofb

aria-256-cbc   aria-256-cfb   aria-256-cfb1   aria-256-cfb8
aria-256-ctr   aria-256-ecb   aria-256-ofb   base64
bf   bf-cbc   bf-cfb   bf-ecb
bf-ofb   camellia-128-cbc camellia-128-ecb camellia-192-cbc
camellia-192-ecb camellia-256-cbc camellia-256-ecb cast
cast-cbc   cast5-cbc   cast5-cfb   cast5-ecb
cast5-ofb   des   des-cbc   des-cfb
des-ecb   des-ede   des-ede-cbc   des-ede-cfb
des-ede-ofb   des-ede3   des-ede3-cbc   des-ede3-cfb
des-ede3-ofb   des-ofb   des3   desx
rc2   rc2-40-cbc   rc2-64-cbc   rc2-cbc
rc2-cfb   rc2-ecb   rc2-ofb   rc4
rc4-40   seed   seed-cbc   seed-cfb
seed-ecb   seed-ofb   sm4-cbc   sm4-cfb
sm4-ctr   sm4-ecb   sm4-ofb

openssl enc --help
Usage: enc [options]
Valid options are:
 -help   Display this summary
 -ciphers   List ciphers
 -in infile   Input file
 -out outfile   Output file
 -pass val   Passphrase source
 -e   Encrypt
 -d   Decrypt
 -p   Print the iv/key
 -P   Print the iv/key and exit
 -v   Verbose output
 -nopad   Disable standard block padding
 -salt   Use salt in the KDF (default)
 -nosalt   Do not use salt in the KDF
 -debug   Print debug info
 -a   Base64 encode/decode, depending on encryption flag
 -base64   Same as option -a
 -A   Used with -[base64|a] to specify base64 buffer as a single line
 -bufsize val   Buffer size
 -k val   Passphrase
 -kfile infile   Read passphrase from file
 -K val   Raw key, in hex
 -S val   Salt, in hex
 -iv val   IV in hex
 -md val   Use specified digest to create a key from the passphrase
 -iter +int   Specify the iteration count and force use of PBKDF2
 -pbkdf2   Use password-based key derivation function 2
 -none   Don't encrypt
 -*   Any supported cipher
 -rand val   Load the file(s) into the random number generator
 -writerand outfile Write random data to the specified file
 -engine val   Use engine, possibly a hardware device