Example Message featuring OpenFox™ encryption parameters.

Example Key (256-bits):

331973EFE545A3CDEE0A87C9455F8584C02377692E0C2976345691CBE827CCF4

Example IV (128-bits):

2FC4DDF7D776241C733AA07FFA2BE456

Example Plain Text (210 bytes – no whitespace, no carriage returns, no linefeeds):

<OFML><HDR><ID>89179</ID><DAC>IPS9</DAC><DAT>20050929141334</DAT><RE
F>89179</REF><MKE>RQ</MKE><USR>RON</USR><ORI>TX12345C1</ORI><DST>T
X</DST></HDR><TRN><LIC>ABC123</LIC><LIY>2005</LIY><LIT>PC</LIT></TRN></
OFML>

Running this plain text through the CRC algorithm yields a value of:

7ED6

Running this plain text through the encryption (apply PKCS#7 padding, run CBC mode, use above key and IV) yields the following 224 bytes of cipher text (in hex):

14AE377E4B9737C9313CFE551E2401A6AAA28D88A3C29F375AFAFD7A820145B63F9E9A135C068F35
1A404C65FCE74594A991FF5E62883B599EC4B7C58A20822A7E960DBCF68E6585243A4D1EC68A93BA
A81514CBCEBB96BCF9C88E3C3C41B0F438C85ED4203DF0EEEF7087696A68937D285EF3BADC0B1910
AB0125D3A43F12EF7D246090F3435D2E839C6BA32F52DAA705E1AE8E65C3293CBC9D45012EE63989
B3A4A64ACD66EC4E1550FA39B35489762DBFA2431D56077622C2D2E0683FB94BD62F196FF6E74E39
1DA606662266D68548942628D1080BE1004188849AACE07A

A simple test to work backwards is to decrypt the above cipher text with the same key and IV, then remove the PKCS#7 padding. The result should be the original 210 bytes of plain text.