PLAYFAIR (40-50 pairs)

A 5x5 Polybius square is used. The plaintext is separated into pairs. Double letters in a pair require insertion of a null between them.

Encipher by pairs:

1. When the 2 letters are in the same column of the keysquare, each is enciphered by the letter directly below it. Bottom cycles to the top.

2. When the two plaintext letters are in the same row, each is enciphered by the letter directly to its right. The last letter on the right cycles to the first letter in the same row.

3. When 2 letters are in different rows and columns, they are enciphered by the 2 letters which form a rectangle with them, beginning with the letter in the same row as the first letter of the pair.

L	O	G	A	R
I	T	H	M	B
C	D	E	F	K
N	P	Q	S	U
V	W	X	Y	Z

pt: co me qu ic kl yw en ex ed he lp
CT: DL HF SN CN CR ZX CQ QG FE EQ ON.