

**SERIALIZED PLAYFAIR** (10-15 groups paired)

See: **PLAYFAIR**

The plaintext is written horizontally in 2-line periodic groups. This is shown below in period 6.

**pt:** Come quickly we need help immediately. tom.

**pt:** comequ eneedh mediat  
 icklyw xelpim elytom

Vertical pairs thus formed are enciphered by the Playfair rules (1-3). When a vertical pair would be a double letter a null is inserted. Using the 5x5 Polybius square

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:** comequ eneedh mediat  
 icklyw xelpim elytom  
gives

**CT:** NLBCSP QQCDM HCFTRH  
 CDFGXZ GCGQTB FGWHGB.

The cipher is taken off horizontally in 5-letter groups.

**CT:** NLBCS PCDFG XZQQC DCMGC GQTBH CFTRH FGWHG B.