

MysteryTwister C3

THE CRYPTO CHALLENGE CONTEST

ADFGVX – PART 2

“THE KEY OF THE ADVERSARY“

Author: Volker Simon

July 2011

Introduction

A few days later Georges Painvin's troops captured an adversary soldier who carried some plaintext and the corresponding ciphertext. Now Georges Painvin wants to reveal the substitution and transposition key in order to decrypt following ciphertexts using the same keys. In the meantime the adversary troops have increased the size of the substitution key up to 6 characters. The transposition key still consists of four digits.

Plaintext: TRUPPEN WURDEN GEWARNT

Ciphertext:

GGFA GDAA DAFV DVFD XVFD AFAG AAAG AGDF VVFG
VDAV

As a solution please send us the German substitution password and the transposition key which should be in the following format:

Sample of the Format to Enter a Solution

Substitution key: KAISER

Transposition key: 4-2-1-3

(that means the first column becomes the third one, the second column stays in the second one, the third column becomes the fourth one and the fourth column becomes the first column.)

The solution to be send in would have been then: KAISER,4-2-1-3