

Κρυπτο1000 and **TRUNK MOBILE RADIO** (TMR) (aka Terrestrial Trunked Radio)



A trunked radio system is a packet switching computer network. Radios send data packets to a computer, operating on a dedicated Control Channel and request communication on a specific talk-group. The controller sends a digital signal to all radios monitoring that talkgroup, instructing the radios to automatically switch to the frequency indicated by the system to monitor the transmission. After the user is done speaking the users' radios return to monitoring the control channel for additional transmissions. This arrangement allows multiple groups of users to share a small set of actual radio frequencies without hearing each other's conversations. Trunked systems primarily conserve limited radio frequencies and also provide other advanced features to users.

Krypto1000 and its Control Center allow for full prosecution of data, control and the vocoder carried in digital voice channels of numerous TMR systems and more importantly, in variants of their standards.

For the TETRA standard, all of the following manufacturers and variants are supported:

A

- » AIRBUS
- » ALBRECHT
- » ANYTALK

C

- » CASSIDIAN
- » CLEARTONE

E

- » EADS

H

- » HYS
- » HYTERA

I

- » ICOM
- » INRICO

K

- » KANGLONG
- » KENWOOD
- » KOQI

L

- » LUITON

M

- » MOTOROLA
- » MYT RADIO

N

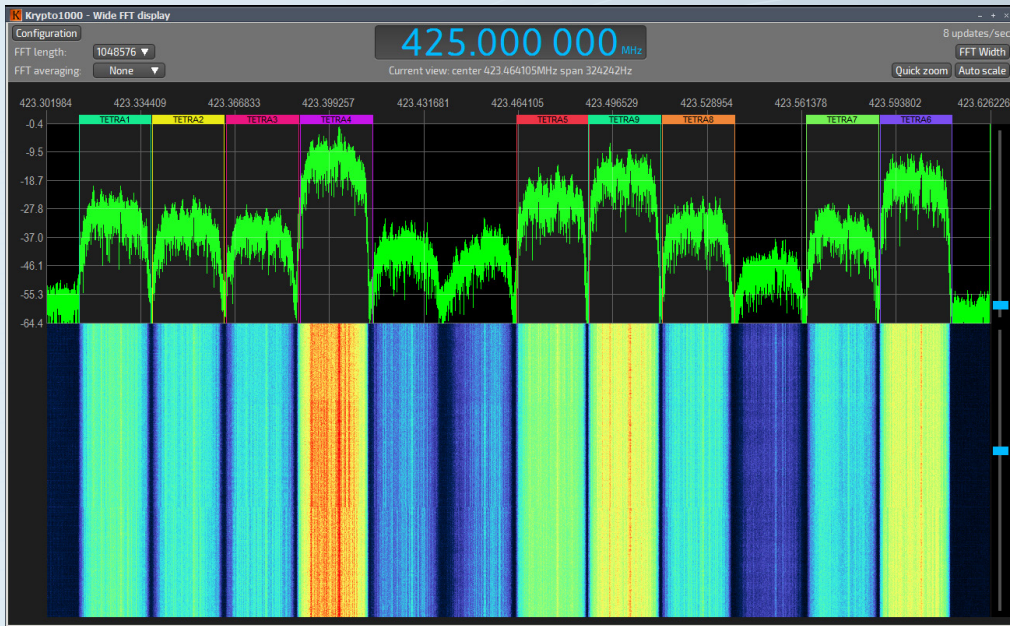
- » NOKIA

Q

- » QIRUI
- » QUANSHENG

R

- » REDELL



S

» SAMCOM

» SEPURA

» SHOUAO

» SIMOCO

T

» TELTRONIC

» TGKK

» TID

V

» VERTEX STANDARD

W

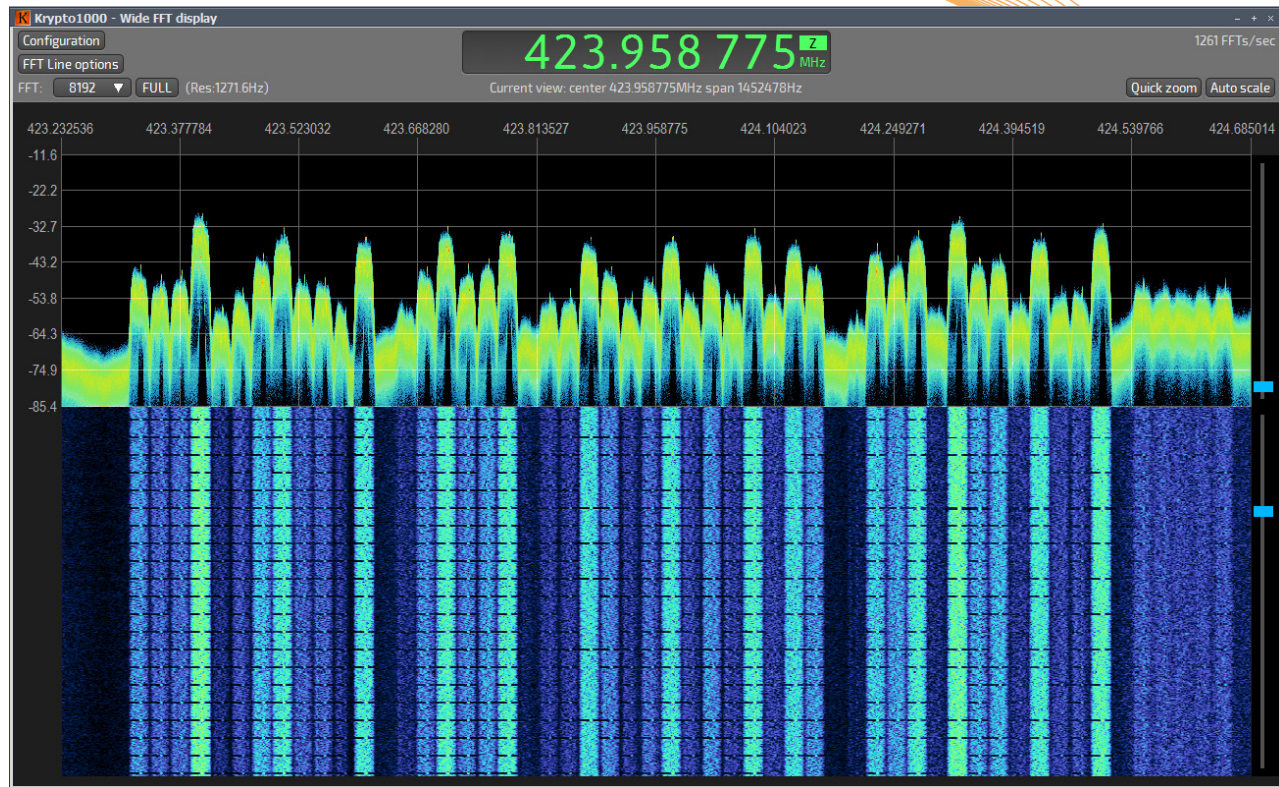
» WEIERWEI

Y

» YANTON

Z

» ZRK



ENCRYPTION in DMR, TMR, PMR and LMR systems

Among the many formats in use on the various Digital, Private, Trunked and Land Mobile Radio systems the following are the most common:

- » Basic (Privacy)
- » Enhanced (40-bit ADP)
- » ARC4
- » DES and Triple DES
- » AES 128-bit and AES 256-bit
- » ** DES-OFB (P25 DES)
- » ** DVI-XL
- » ** DVP-XL

All of the above solutions to encrypted voice used in digital mobile systems are available for use with Krypto1000.

Items marked with *** - please consult with COMINT Consulting first.

HAVE A QUESTION?



We are here to help. And the best thing of all - we will give you an honest and responsible answer to your questions. Contact us today at info@comintconsulting.com!

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