Multichannel SIGINT with

Κrγρτο500 + Κrγρτο1000

COMINT consulting

Krypto500 and Krypto1000 are optimized to deliver maximum performance whatever your CPU and RAM configuration.

Meeting our very minimal system requirements (please consult our user manuals or the data sheets on our website) allows you, for example to:

- Run up to 10 instances of Krypto500 with any 32 modules (analysis, classification, decoding, fingerprinting) at once - on one PC! Yes, as many as 320 channels of decoding or more - with just one Krypto500 license.

- Krypto1000 can tune any width up to 110 GHz and can process *any number of channels* – all in real-time, with no limits.
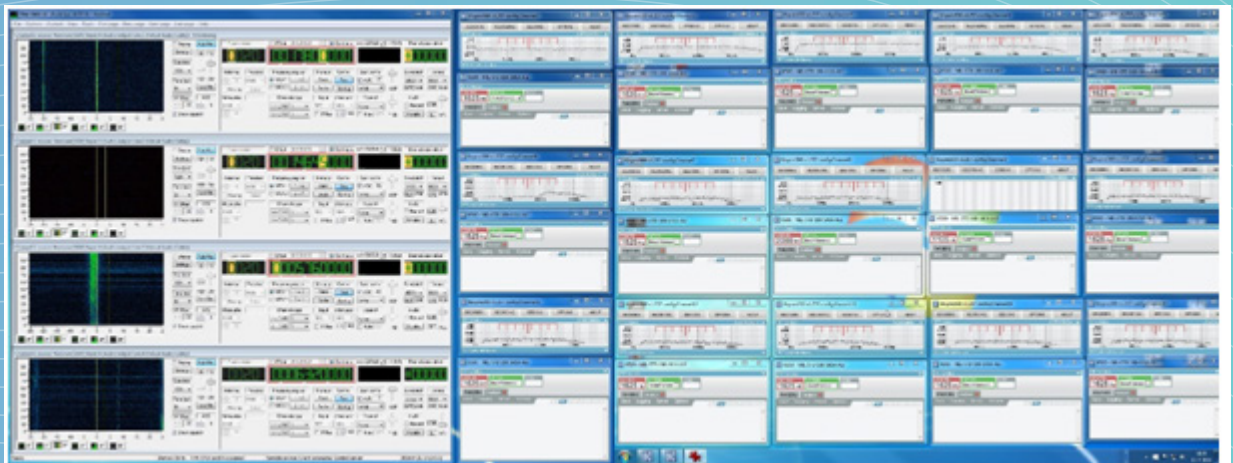

All of the features of Krypto500 for example – hundreds of decoders, dozens of parsers and more than 4,000 precision classifiers and hundredsof fingerprinters – occupy less than 30 MB on disk. Krypto1000 occupies less than 50 MB on disk and is a fully-HD suite of exquisite and beautiful, high-performance displays.

But that is not all...even the above are not truly limits! Either of the Krypto500 or Krypto1000 SIGINT suites' extensive real-time, multiple threading capacities can be greatly expanded through the use of multiple desktops.

While there are many software utilties that allow desktop expansion, freeware made by Microsoft will serve as an example:
https://technet.microsoft.com/en-us/sysinternals/cc817881.aspx

Using this simple utility, the user has the option to employ 4 different desktops - each with their own applications running. For example, the user could setup two desktops with Krypto instances opened and a second desktop with a recording program or database, etc.

How many instances can be placed on a desktop depends on the screen resolution and somewhat less on your CPU and RAM configuration.

In an example PC with a nominal 1600x1200 screen resolution, it is possible to open up 12 instances at the same time on a single monitor. Using a small desktop splitting utility we can do this 4 times, so now the above 16-channel receiver can feed some 60 instances of Krypto500 – and yes, with one license, and on one PC!

On additional desktops, the user is free to open and run additional receivers and decoders or classifiers, analyzers, fingerprinters, etc.

Krypto1000 can tune any width up to 110 GHz and can process any number of channels – all in real-time, with no limits.

In the example system, the user is running a modest system with Windows 7 (32-bit), 4 GB of RAM and an Intel i7 series CPU at 4 GHz and the system CPU usage hovered in the 40-50% range.

Modest increases in PC performance such as using a newer 64-bit OS, or up to 128 GB of RAM could quite easily permit as many as 50-60 receiver inputs to be managed on a single PC with one Krypto1000 license.

Obviously, a larger storage system such as a RAID or NAS server should be considered as a multichannel SIGINT system such as that described above will produce a great deal of output data over time.

Please contact COMINT Consulting Customer Service if you would like to receive HD videos of the above in action.

Kindly refer to www.comintconsulting.com/resouces for the latest technical information, data sheets and related application notes.

Krypto500 and Krypto1000 is controlled by the US International Traffic in Arms Regulations (ITAR) 22 CFR §120-130. It may not be exported or transferred to any other foreign person, foreign country or foreign entity without prior written approval from the U.S. Department of State and COMINT Consulting LLC.

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