

# Solutions for VHF-SHF and Satellite



While we have great depth of experience in HF and many, many more mode solutions than any company in the market, our expertise extends beyond HF.



Comint Consulting has an array of solutions for VHF, UHF and satellite modes already in our standard Krypto500 offering. The datasheet can be downloaded on our website.

Beyond those standard offerings, we have solutions ready for delivery for use in both Windows and Linux systems.

## EXAMPLES

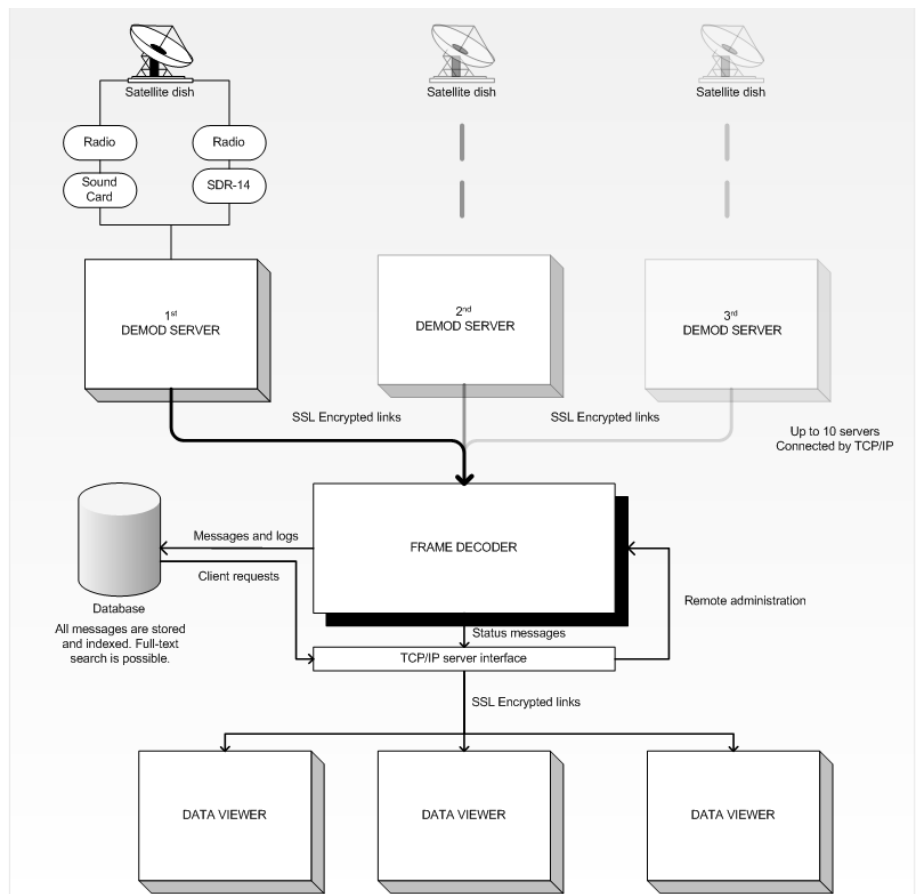
Selected examples of satellite systems we can provide demodulators and decoders for:

- » IRAN – NAVID, OMID AND RASAD-1
- » GRAIL- A/B
- » PRC CHANG'E-2
- » GONETS-D1, GONETS-M
- » DFM-06 AND OTHER WEATHER SONDES
- » METEOR-M1 LRPT
- » RUSSIAN DOKA
- » ORBCOMM
- » INMARSAT A, B, C, D, M, MINI-M (A/B PHASED OUT)
- » ADS-B
- » TETRA
- » MOTOROLA, SMARTNET, SMARTZONE, OMNILINK
- » DECT AND SOME OTHER S-BAND SATELLITES

These solutions are comprehensive - not just simple demodulators and decoders - but with suites of tools to assist with content extraction (files, emails and other telemetric data).

For an example of the possibilities we offer, see the example system configuration below for the Inmarsat-C satellite.

Our existing Inmarsat-C decoder has unique features NO ONE in the market has - AFC tracking, soundcard input, users can define their desired sample rate, messages can be saved by SES ID or raw binary frames, we can parse message attachments and MS Office documents, re-assemble multi-frame messages, handle group calling, decode SafetyNet and FleetNet, decode bulletin board, data reporting and polling, display CES, CES frequency and SES frequency allocations as well as decode user log-in and log-out.



Block diagram of typical Inmarsat-C collection system

COMPREHENSIVE, RELEVANT, END-TO-END  
SOLUTIONS. EXPERTISE WELL BEYOND HF.

## NEED HELP OR ADVICE?



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](mailto:info@comintconsulting.com)!

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