MUROS-C Interception provides tailored COMINT capability in the frequency range from few KHz to 6 GHz. This implies a multi-antenna configuration that allows surveillance of the frequency band by searching / scanning functions, and then direction finding of the communication emitters. On request, the Operator can select several channels simultaneously and decode the communication messages.

If required the MUROS-C Interception increases its capability with the full decrypting capability for GSM communications – including voice and data – and the full data analysis set. This is further enriched by a D-SINT capability as per “digital intelligence”. This product is designed as a very powerful mobile Analysis Centre. Data from different sources like communication decryption, superior text analysis and open source data basis are merged and processed to provide complex results about Communication.
MUROS C Interception is equipped with a wide set of communication interception systems, collecting all signals of interest with direction finding capability. The possibility of mounting the antennas on an integrated mast provides improved conditions for reception. The operator work posts provide all software tools to analyse, store and decrypt the communication.

COMINT (C-ESM) Sensors, GSM interception sensors, Open source databases and Internet, and Human observers are merged to a complete situational picture integrated in Geographic Information systems (GIS).

Additionally, the system is empowered with mass data analysis software, superior text analysis and semantic capabilities. Interactive Analysis (faceting, correlation, clustering) and Visual Analysis, which are tailored to the operational work flow of the customer:

- Frequency Bands:
  - Covering mobile communication standards like GSM, UMTS, LTE
  - VHF / UHF
  - ISM Bands
  - SatCom
  - Radio channels, maritime radios and portable radio transponders
  - Extraction of Communication Networking topology and flows
  - Several hours of autonomous operation
  - Full integrated sensor suite
  - Powerful data and voice communication equipment
  - Climate control for operation in challenging environmental condition
  - Typically two Operators with full equipped work posts