

GO2MONITOR IN TACTICAL OPERATIONS

MULTICHANNEL EXPLOITATION OF COMMUNICATIONS SIGNALS FOR SITUATIONAL AWARENESS

Exploitation of communications signals using go2MONITOR to derive tactical Indications and Warnings for Situational Awareness in the land, littoral and maritime space.



COURSE CONTENT

- go2MONITOR running on low-SWaP Laptop or Portable PCs with low display resolution
- Terminologies and Signals: Student refresh for tactical context
- Radio-communications network topologies (civil / military / paramilitary)
- Data modulation techniques HF-UHF (tactical focus)
- V/UHF Signals Of Interest (tactical focus)
- Line-Of-Sight [LOS] / point-to-point / multipoint / direct and trunked networks)
- HF Signals Of Interest (tactical focus – short-range groundwave and 'Near Vertical Incidence Skywave' ['NVIS'] propagation)
- Operational focus – automatic signals detection, classification, recognition, decoding and reporting in real-time
- Operational scenarios based upon Land, Littoral and Maritime Tactical Use-Cases

TARGET AUDIENCE

- For new and experienced Land Electronic Warfare (Land-EW) and Maritime Communications Electronic (Warfare) Support Measures (Maritime-CESM) Operators.

ORDER-NUMBER
TRN-GO2MON-TAC

COURSE DURATION:

4 days / 32 training hours for a maximum of 8 Students

DOCUMENTATION:

Student-notes from supporting visual-aids and live/recorded scenarios;

TRAINING SYSTEMS:

Necessary hardware is provided by PROCITEC if training location is PROCITEC HQ; in all other cases it has to be provided by the customer

COURSE LOCATION:

PROCITEC HQ, Pforzheim, or customer-location (additional logistics costs will apply if the Training Course is delivered outside of the European Economic Area)

TRAINING LANGUAGE:

English – Students require at least CEFR level B1; level B2 or higher recommended (option: consecutive interpretation is available as required)



Entry Criteria: A basic knowledge of the RF spectrum, signaling techniques and Tactical Operations