MUROS MC provides the Operator with heterogeneous capabilities, which are activated on request during the on-site intervention according to the encountered situations.

Evidence gathering through HD cameras

Search and location for mobile phone emissions or transponders (e.g., in snow, at sea)

Monitoring of intervention sites and alarming in case of risks for the team (e.g., risk for collapse, presence of gas, low visibility)

Coordination of robotics units through dedicated link and control posts

Analysis of evidence and devices (forensic suite)

Mission planning and intervention team coordination

Based on very flexible design and User-friendly use of available capabilities

**Supporting on-site coordination and information gathering**

- Forensic Suite
- Video-data Analysis Suite
- Monitoring suite
- Special Tools
- 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
MUROS C Interception is equipped with a set of communication interception antennas, providing all signals of interest and a direction finding capability. Mounting the antennas on a mast provides ideal conditions for receiving signals. The operator work posts provides all software tools to analyse 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. Additionally the system is empowered with mass data analysis software, superior text analysis and ontology capabilities (COGITO Intelligence Platform), Interactive Analysis (faceting, correlation, clustering) and Visual Analysis, integrated in Geographic Information systems (GIS).

IT-Forensic Suite
Create images, process a wide range of data types from forensic images to email archives, analyse the registry, conduct an investigation, decrypt files, crack passwords and build a report of all parameters
- Broad encryption support
- SIM card reading and cloning
- Mobile device Logical and Physical examinations
- GPS devices Physical examinations
- Memory card Logical and Physical examinations
- Hash algorithms
- File signature analysis

Video-data Analysis Suite
Data co-registration
- Fast playback of video-recordings
- Automatic extraction of features (e.g., pass-by or close-by people)
- Analysis of human behaviors
- Measurement of objects and distances
- Interferometry for detection of displacements

Monitoring suite
- Mini-UAV with camera sensor or communication search sensor
- Radar sensor for infrastructure monitoring with mm-accuracy
- Theodolite and fiber glass sensors (inclinometers and accelerometers)
- Lidar
- Gas sensors, explosive detection
- Electromagnetic emissions monitoring devices

Special Tools
- Room Transmitter
- Stethoscope Transmitter
- Telephone Line Transmitter
- Long-Term Vox Controlled Transmitter
- WiFi Mini Digital Audio Recorder Katana
- Remote Controlled Burst Transmission
- Through-the-wall radar
- Wall Mounted Stereo Stethoscope
- Laser Monitoring System
- Directional Microphone
- Hidden Cameras
- Bugs