



MarcTel – S.I.T. Presentation

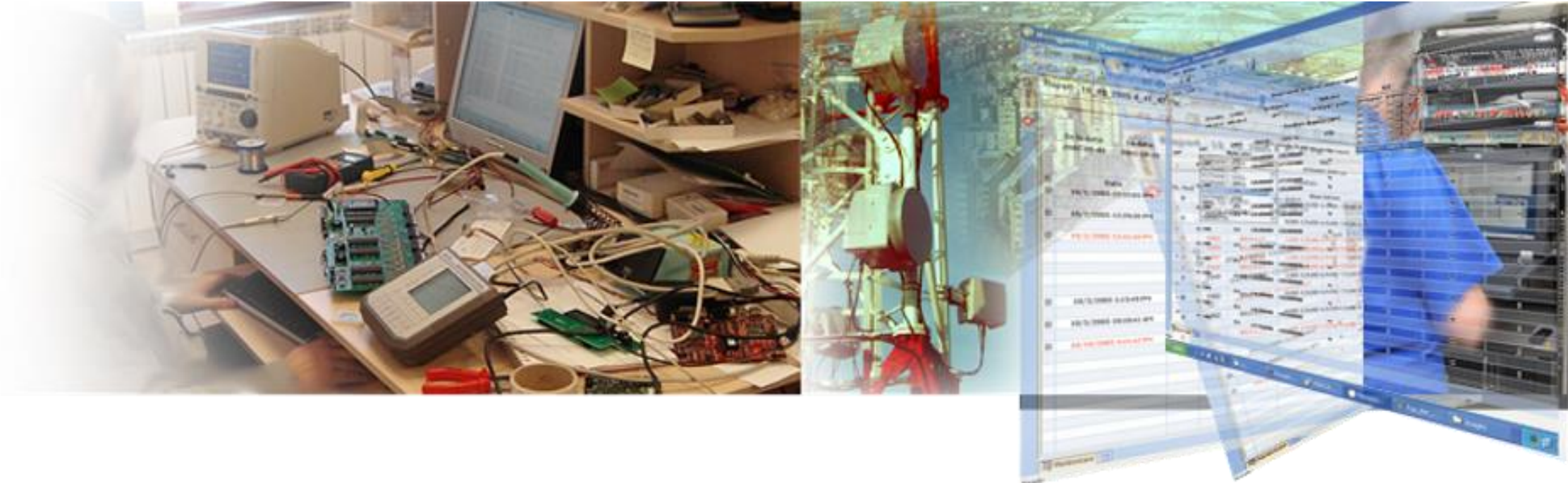
Workshop on Cooperation and partnerships between education and labour market on marine intelligent technologies in the Black Sea area, Academia Navală “Mircea cel Bătrân”

Constanta, September 30th, 2022

**by Calin P. Pantea
General Director**



MarcTel S.I.T. is a medium privately-owned Romanian company, established in 1998, which provides engineering services in the field of military and governmental communication systems and information technology, CBRN, optoelectronics, radio navigation and radar (surveillance and weather)





Our mission

The Partner of Choice in Romania for customized, innovative, resilient solutions in the fields of: communication systems, information technology, software, CBRN, optoelectronics, radio navigation and radar (surveillance and weather), UAS and alarm systems

Our core values

- integrity
- acting passionately, creatively and determined for reaching our targets
- building up trustworthy relationships with our partners
- always fulfilling our commitments
- exceeding expectations



We never stop Exploring, Discovering, Learning and Dreaming!

Certifications & General Information (I)



- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- ISO 27001:2018
- License no. 4888T (Law 333/2003)
- National & NATO Security Clearances for our company and personnel

Telephone: +40 21 410 9540
Fax: +40 21 410 9510
E-mail: marctel@marctel.ro
Web: https://marctel.ro
Registration no: J40/3483/1998
Fiscal Code: RO 10453050
Establishment Date: April 8th 1998
NCAGE: 1HM2L
General Director: Calin P. Pantea
Technical Director: Gheorghe Stefanescu
Share capital: 1.222.220 lei





ISO 14001:2015
ISO 45001:2018
ISO 27001:2018

MINISTERUL AFACERILOR EXTERNE
DEPARTAMENTUL PENTRU CONTROLUL EXPORTURILOR

Cod de înregistrare: M 04-064

CONFIRMARE DE ÎNREGISTRARE
pentru efectuarea de operațiuni cu produse militare

În temeiul art. 10 alin. (1) din OUG nr. 158/1999 privind regimul exporturilor, importurilor și altor operațiuni cu produse militare, republicată, în urma analizei documentației prezentate, constatând că sunt îndeplinite cerințele legii,

SE ÎNREGISTREAZĂ

societatea **MARCTEL - S.I.T. S.R.L.**

cu sediul în București, str. Dr. Louis Pasteur nr. 8, sector 5, persoană juridică înregistrată la Oficiul Național al Registrului Comerțului sub nr. J 40/3483/1998, având Codul unic de înregistrare nr. 10453050

pentru efectuarea următoarelor operațiuni cu produse militare

- EXPORT / IMPORT / TRANSFER;

în conformitate cu legea în vigoare.

În cazul nerespectării prevederilor legale referitoare la regimul exporturilor, importurilor și altor operațiuni cu produse militare, Ministerul Afacerilor Externe își rezervă dreptul, fără o notificare prealabilă, să suspende sau să anuleze înregistrarea.

Emisă la: 12.08.2022
Valabilă de la: 14.08.2022 până la: 11.08.2025

Eugen MIHĂUȚ
DIRECTOR GENERAL

MONITORUL OFICIAL AL ROMÂNIEI, PARTEA I, Nr. 636/28.VI.2022

DECIZII ALE PRIM-MINISTRULUI

GUVERNUL ROMÂNIEI
PRIM-MINISTRU
DECIZIE

privind acordarea autorizării Societății MarcTel — S.I.T. — S.R.L. în vederea utilizării de tehnologii, echipamente și programe software în cadrul infrastructurilor informatice și de comunicații de interes național, precum și în rețelele 5G

Având în vedere Hotărârea Consiliului Suprem de Apărare a Țării nr. 73/2022 privind avizarea solicitării pentru obținerea autorizării de utilizare a echipamentelor de infrastructură 5G, deposedă de S.C. MarcTel — S.I.T. — S.R.L., precum și Adresa Ministerului Cercetării, Inovării și Digitalizării, înregistrată la Secretariatul General al Guvernului cu nr. 20/15.330/M.N. în data de 23 mai 2022,

în temeiul art. 3 alin. (2) din Legea nr. 163/2021 privind adoptarea unor măsuri referitoare la infrastructuri informatice și de comunicații de interes național și condițiile implementării rețelelor 5G, precum și al art. 29 din Ordonanța de urgență a Guvernului nr. 57/2019 privind Codul administrativ, cu modificările și completările ulterioare,

prim-ministrul emite prezenta decizie.

Articol unic. — Se acordă Societății MarcTel — S.I.T. — S.R.L. autorizarea în vederea utilizării de tehnologii, echipamente și programe software în cadrul infrastructurilor informatice și de comunicații de interes național, precum și în rețelele 5G.

PRIM-MINISTRU
NICOLAE-IONEL CIUCĂ
Contrasemnează,
Secretarul general al Guvernului,
Marian Neacșu

București, 28 iunie 2022.
Nr. 389.

Nr. crt.	ACTIVITATEA	COD CAEN
2.	Repararea echipamentelor electronice și optice	3313
3.	Alte activități de servicii privind tehnologia informației	6399
4.	Cercetare-dezvoltare în alte științe naturale și inginerie	7219
5.	Repararea echipamentelor de comunicații	9512

DIRECȚIA INDUSTRIA DE APĂRARE
DIRECTOR
Ruxandra Rodica ANGHIEL

MINISTERUL ECONOMIEI

AUTORIZAȚIE
Nr. 39

În temeiul art.6 alin.(5) lit. m') din Legea nr. 232/2016 privind industria de apărare, precum și pentru modificarea și completarea unor acte normative, cu modificările și completările ulterioare, autorizăm: **SOCIETATEA MARCTEL-SIT SRL**, cu sediul în Municipiul BUCUREȘTI, Str. Dr. Louis Pasteur Nr.8, Etaj 1-2, Sectorul 5, număr de ordine din Registrul Comerțului **J40/3483/1998**, CUI/CIF: **10453050**

Nr. crt.	ACTIVITATEA (principală)	COD CAEN
1.	Fabricarea echipamentelor de comunicații	2630

(continuare pe verso)

Data emiterii autorizației: **01.08.2018**

Ministru

Autorizația rămâne în proprietatea ministerului de resort și se returnează la radiera din registru

ROMANIA
MINISTERUL APĂRĂRII NAȚIONALE
DIRECȚIA GENERALĂ PENTRU ARMAMENTE

OMCAS
Organismul Militar de Certificare, Acreditare și Supraveghere

CERTIFICAT
Nr. 52 din 2022

Prezentrul document certifică faptul că:
This document is to certify that:

S.C. MARCTEL S.I.T. S.R.L.

Str. Dr. Louis Pasteur nr.8, et. 1-2, sector 5, București

are implementat un sistem de management al calității în conformitate cu cerințele publicațiilor NATO pentru asigurarea calității AQAP-2110 (Cerințe NATO referitoare la asigurarea calității în proiectare, dezvoltare și producție) și AQAP 2210 (Cerințe NATO referitoare la asigurarea calității pentru software, suplimentare față de cele din AQAP 2110), aplicabil pentru:

serviciile de cercetare-dezvoltare, proiectare, instalare, configurare, integrare, punere în funcțiune, comercializare, testare, mentenanță și reparații în domeniile: sisteme de comunicații, tehnologia informației, programe software, CBRN, sisteme optoelectronice, radionavigație și radar (de supraveghere și meteo), USA și componente/sisteme de alarmare împotriva efracției.

has implemented a Quality Management System in accordance with requirements contained in Allied Quality Assurance Publications AQAP 2110 (NATO Quality Assurance Requirements for Design, Development and Production) and AQAP 2210 (NATO Supplementary Software Quality Assurance Requirements to AQAP 2110), applicable for:

Research and development, design, installation, configuration, integration, commissioning/acceptance testing, maintenance and repair services in the fields of: communications systems, information technology, software, CBRN, optoelectronic systems, radio navigation and radar (surveillance and weather), UAS and components / burglar alarm systems.

Data eliberării: 30.03.2022
Data expirării: 29.03.2024

Valabilitatea certificatului este în conformitate cu prevederile în vigoare ale Ministerului Apărării Naționale

ȘEFUL DIRECȚIEI GENERALE PENTRU ARMAMENTE
General manager
doctor inginer Teodor INCICAȘ

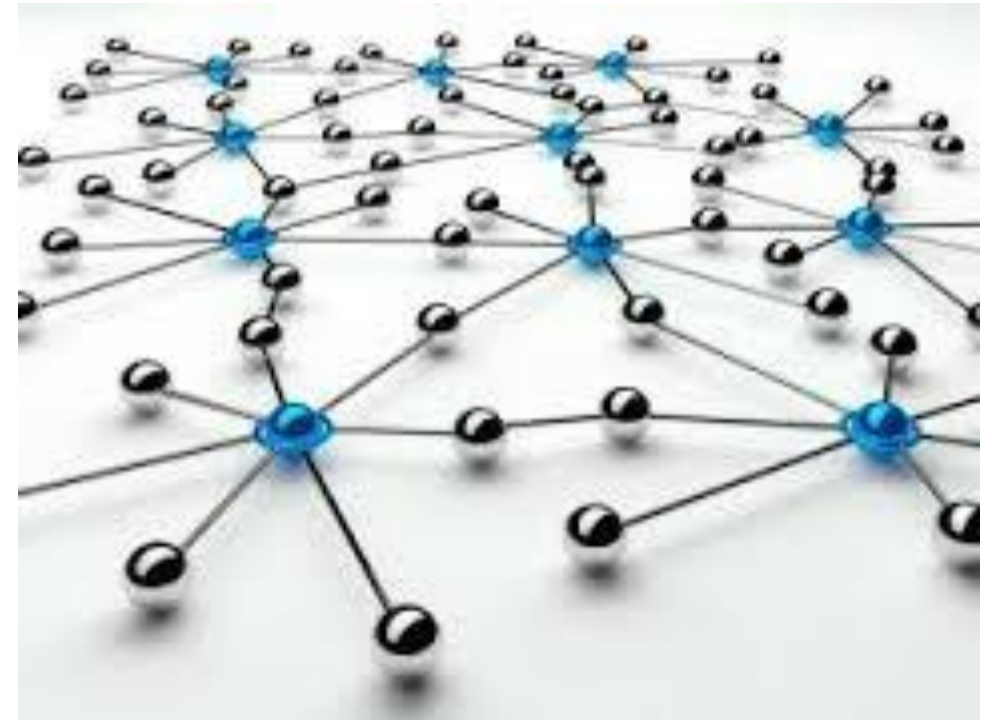


Complex Systems Design:

- Site surveys
- Technical and Operational Requirements Analysis
- General Technical Project
- Sites' Installation Design Projects

System Engineering Services:

- Equipment installation, integration, configuration, set-up and testing
- System acceptance
- Training
- Help Desk





Integrated Logistic Support Services:

- 4 dedicated repair laboratories serving switching, radio & microwave equipment, optoelectronics and power supply systems
 - More than 15000 modules and equipment have been repaired since 2001
- Management and storage of spare parts and components
- Mobile and multi-purpose laboratory
- Solutions related to obsolescence issues

Research & Development

- Customized software and hardware solutions
- National and European R&D programmes





Romanian Ministry of Defence

Romanian National Defence Communications Network, in partnership with Leonardo-Finmeccanica (former Marconi S.p.A. Italy):

- Site surveys
- General Technical Project and Sites' Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- Training
- Maintenance and repair services in warranty and post-warranty





ISO 14001:2015
ISO 45001:2018
ISO 27001:2018

Romanian Ministry of Defence

Supply of Equipment and Performance of Services for the National Military Command Center:

- Site surveys
- Sites' Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site acceptance





Romanian Ministry of Defence

Deployable Communication Integrated Systems installed in Iraq, Kosovo and Afghanistan:

- Site surveys
- General Technical Project and Sites' Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- Training
- Maintenance and repair activities in warranty and post-warranty





Romanian Ministry of Defence

Romanian National Air Command and Control System - Communications Infrastructure Sub-System, in partnership with Lockheed Martin Corporation, USA:

- Site surveys
- General Technical Project and Sites' Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- Training
- Maintenance and repair activities in warranty





Romanian Ministry of Defence

CBRN Monitoring and Warning System:

- Site surveys
- General Technical Project and Sites' Installation Design Projects
- System component development by company research activities
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- Training
- Maintenance and repair activities in warranty and post-warranty





ISO 14001:2015
ISO 45001:2018
ISO 27001:2018

Romanian Ministry of Defence

**6 x Radio Radiorelay Deployable Module for Ground-Air Missiles MCID-RSA and
4 x Radio Radiorelay Deployable Module for Radar Systems MCID-RDLC, in partnership with Leonardo-Finmeccanica S.p.A., former SELEX-ES:**

- Installation Technical Project
- Equipment installation, configuration, set-up and testing
- System acceptance
- Training
- Maintenance during warranty





Romanian Ministry of Defence

Communication system for TPS-77 type radars, project implemented for Lockheed Martin Global Inc. Delaware USA, Bucharest Branch office, Romania:

- Site surveys
- Sites' Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site acceptance
- Training
- Maintenance and repair activities in warranty



Romanian Ministry of Defence

Guardian H3 - electronic counter-measures (ECM) equipment against Remotely Controlled Improvised Explosive Device (RCIED) threats, in partnership with Leonardo MW Ltd. U.K.

- **Site survey**
- **Site Installation Design Project**
- **Equipment installation, configuration, set-up and testing**
- **Systems acceptance**
- **Training**
- **Maintenance and repair activities in warranty**

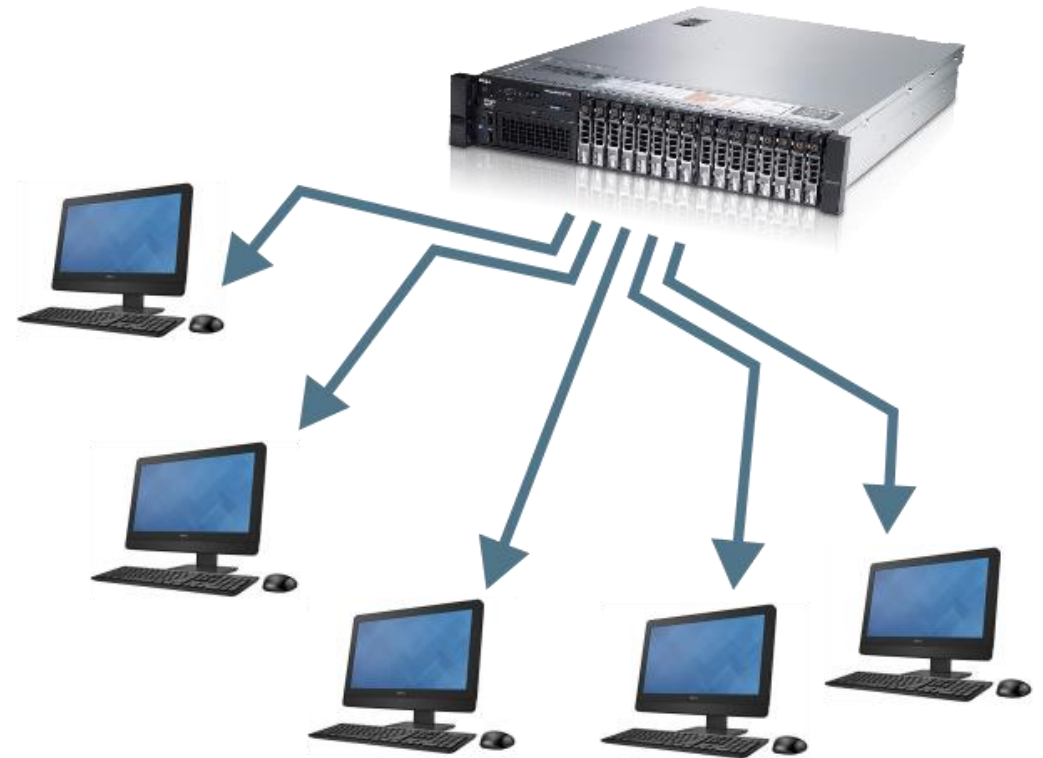




Romanian Ministry of Defence

Local network based on Virtual Desktop Infrastructure Architecture:

- Equipment configuration, set-up and testing
- Network acceptance
- Training
- Maintenance and repair activities in warranty

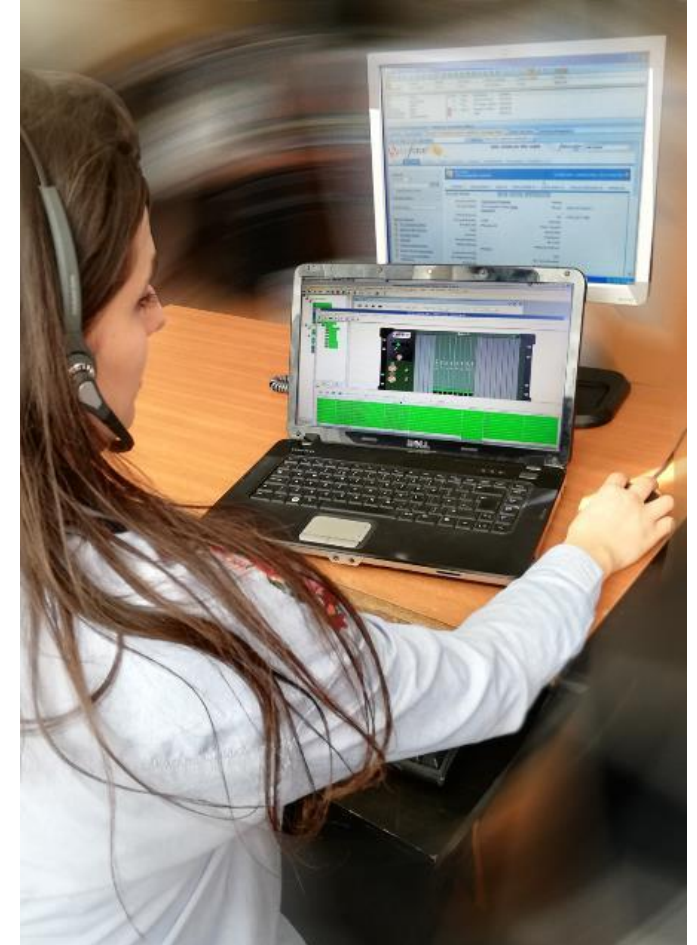




Romanian Ministry of Defence

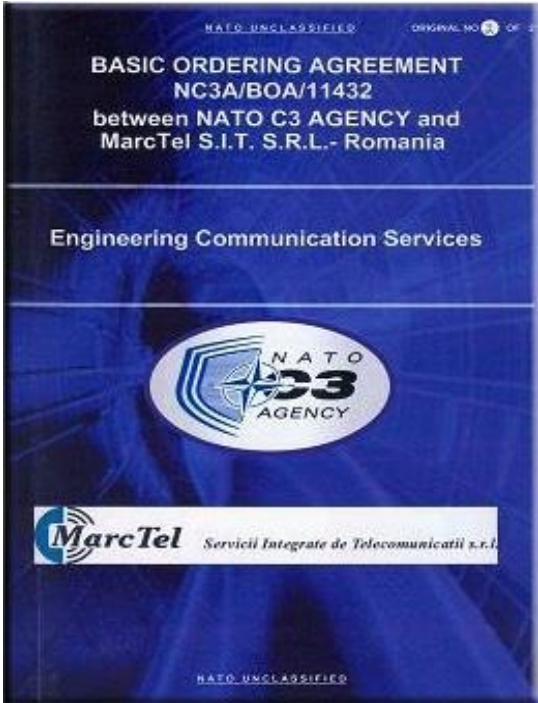
Site modernization RTP/RMNC:

- Installation, configuration, set-up and testing of the communications site local management system
- Installation, configuration, set-up and testing of the call center system
- Site acceptance
- Training
- Maintenance and repair activities in warranty





MarcTel S.I.T. is the first Romanian company that signed a Basic Ordering Agreement (BOA NC3A/BOA/11432 for “Engineering Services in Communications”) with the NATO Agency for Consultancy, Command and Control (NC3A - NCI Agency), on 18th January, 2005

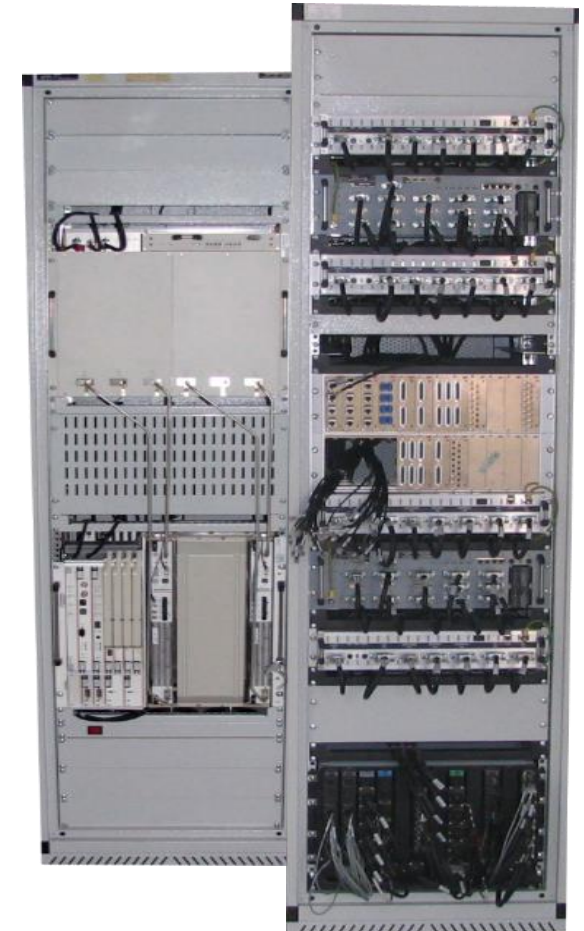




Romanian Border Police

Communication backbone for the Integrated System for Observation, Surveillance and Control of the Maritime Traffic on the Black Sea - SCOMAR, in partnership with Leonardo-Finmeccanica S.p.A. Italy:

- **Site surveys**
- **General Technical Project and Sites' Installation Design Projects**
- **Equipment installation, configuration, set-up and testing**
- **Site and system acceptance**
- **Training**
- **Maintenance and repair activities in warranty and postwarranty**





Romanian Border Police

Communication backbone for the Integrated System for Observation and Surveillance of the Traffic on the Danube - SCOD, Caras-Severin district:

- Site surveys
- Sites' Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- Training
- Maintenance and repair activities in warranty





Romanian Border Police

Evolutionary Maintenance and Enhancement of the Fixed Communications System in the Counties of Mehedinti, Satu Mare, Suceava, Timis, Caras-Severin, Botosani – Radio relay network:

- Site surveys
- General Technical Project and Sites' Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- Training
- Maintenance and repair activities in warranty





Special Applications Vehicles



ANCOM System for measuring mobile network performance

DNA Mobile Digital Investigation Laboratory





Romanian Border Police

- Preventive and corrective maintenance services for ACSR ELM 2226C radar sensor

- Preventive and corrective maintenance services for EL/M 2105 radar sensors





Romanian Border Police

Corrective maintenance of fixed optoelectronic systems



Corrective maintenance of surveillance vehicles



Romanian Border Police

Corrective maintenance of portable thermal imaging cameras





Electrica S.A.

MPT1327 Trunking Radio System for Electrica S.A. and its subsidiaries in partnership with Leonardo-Finmeccanica Ltd. UK:

- Site surveys
- Site Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- Training
- Maintenance and repair activities in warranty and postwarranty
- Various upgrades to infrastructure elements





Electrica S.A.

MPT1327 Trunking Radio System for Electrica S.A. and its subsidiaries - the original TDM connection architecture was replaced with an IP architecture, based on the existing WAN connections and new installed radio links:

- Site surveys
- Site Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- Training
- Maintenance and repair activities in warranty and postwarranty

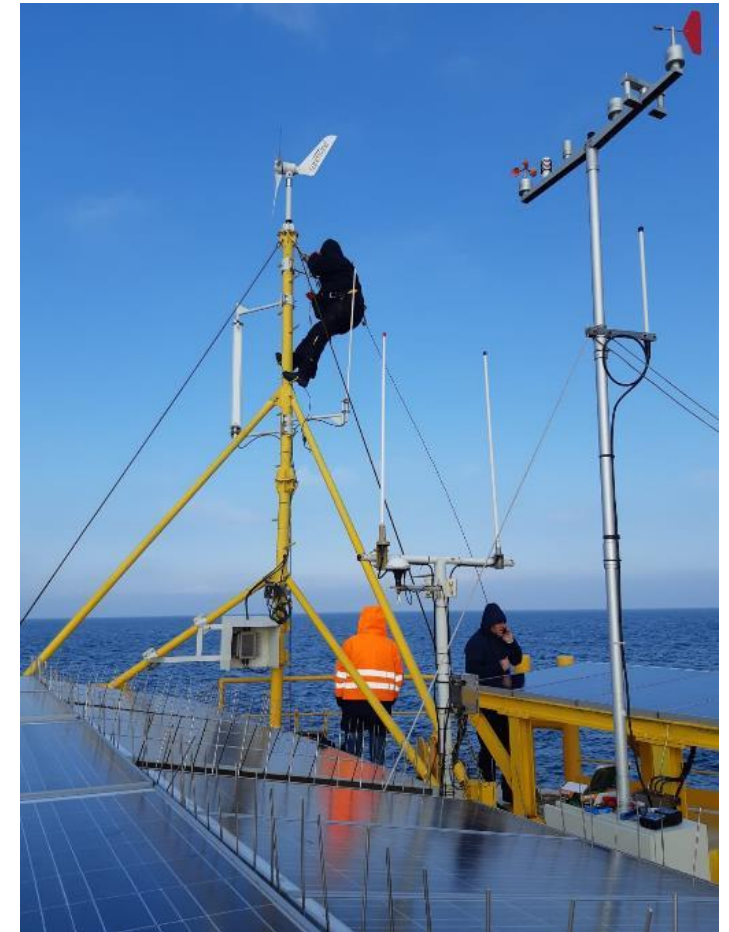




KMG ROMPETROL SERVICES CENTER S.R.L.

– (MIDIA MARINE TERMINAL S.R.L.):

- Maintenance of Video Surveillance System
- Maintenance of VTS - InVTS - Vessel Traffic System - RADAR & AIS surveillance System
- Installation and acceptance of Kelvin Hughes Hensoldt SharpEye SBS-800, S-band and X-band surveillance radars





Services related to ILS, DVOR, CVOR and DME Navigation and Landing Systems in partnership with Selex-ES Inc. USA:

- Site surveys in Romania and abroad
- Technical support for equipment installation, configuration, set-up and testing





Romatsa R.A.

Performance Based Navigation Infrastructure –15 DME Systems for SPICE (Synchronised Performance Based Navigation Implementation Cohesion Europe) Project and TMACK, subcontractor of Selex-ES Inc. USA:

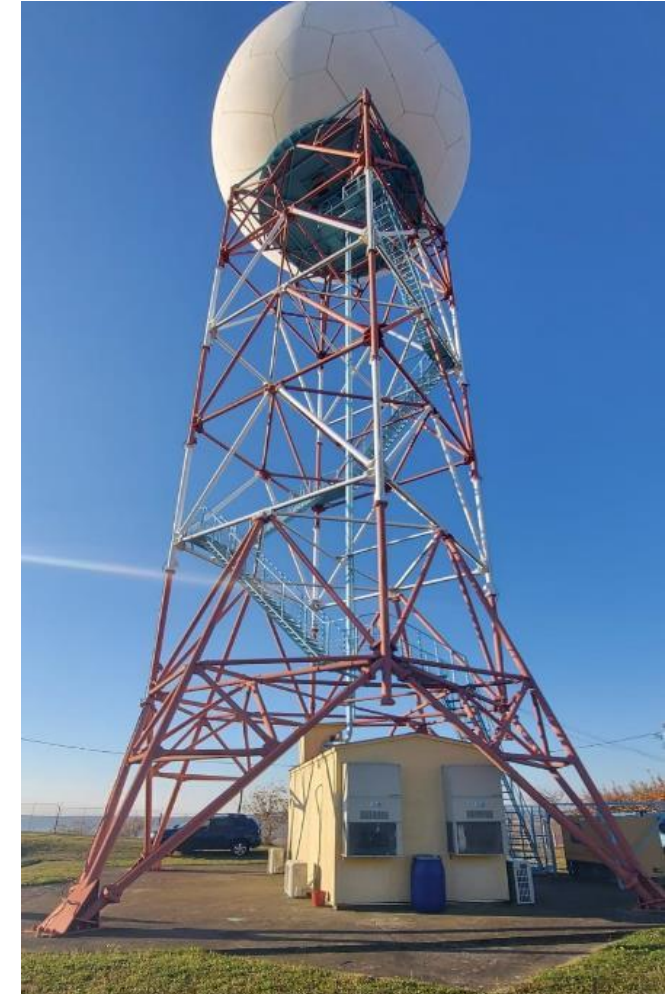
- Site surveys
- Site Installation Design Projects
- Equipment installation, configuration, set-up and testing
- Site and system acceptance
- OJT training





National Meteorological Administration, in partnership with Beijing Metstar Radar Co., Ltd

- Radar network modernization (three S-band radars) and specialized applications upgrade, including servers for data processing
- Maintenance services (technical overhaul), repair and online technical assistance, for five WSR-98D meteorological radars – frame agreement



Military Technical Academy “Ferdinand I” (Project coordinator)

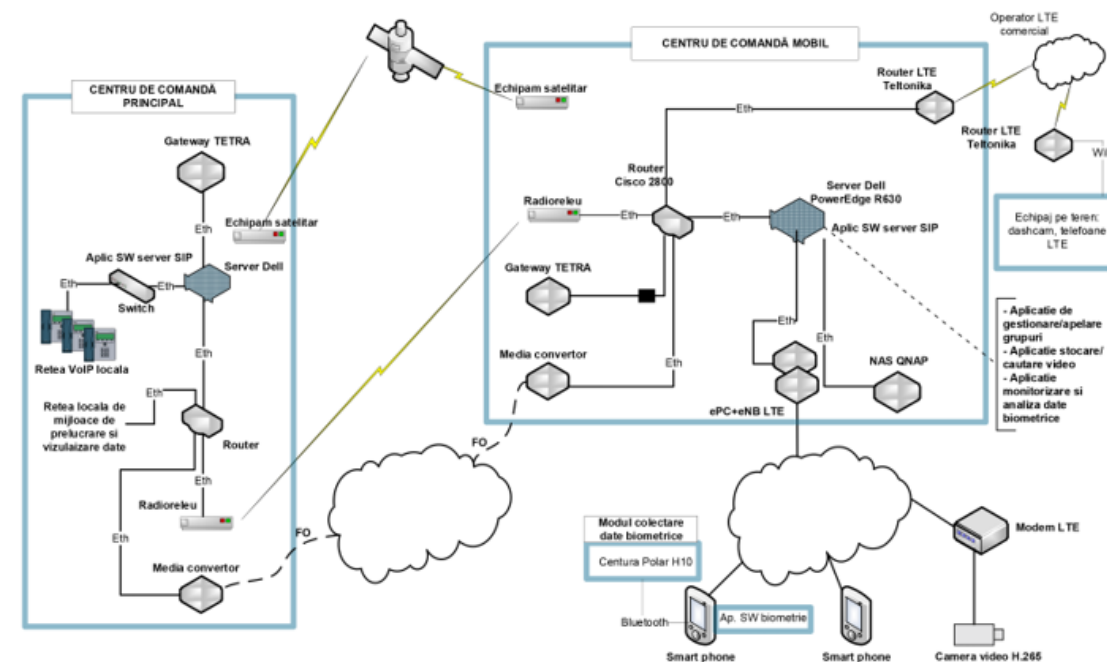
MarcTel-S.I.T. SRL

Soft Galaxy International SRL

UE fiscti

Unitatea Executivă pentru
Finanțarea Învățământului Superior,
a Cercetării, Dezvoltării și Inovării

- Project code: 9SOL (2018-2021), <https://9sol.ro/>
- Project title: Integrated system for support and command of crisis response action
- Project description: Development of an innovative SIC4I integrated pilot system (command, control, communications, computers and information innovative system) according to SPP requirements and interconnected with other SNAOPS systems





Military Technical Academy “Ferdinand I” (Project coordinator)

University Politehnica of Bucharest

Soft Galaxy International SRL

MarcTel-S.I.T SRL

UE fisca
Unitatea Executivă pentru
Finanțarea Învățământului Superior,
a Cercetării, Dezvoltării și Inovării

- **Project code: 27SOL/2021**
- **Project title: Platform specialized in identifying and evaluating early warning indicators for crisis management**
- **Project description: Development of an Innovative Mobile Specialized Platform for the identification and evaluation of Early Warning Indicators for Crisis Management (PIMS-IAT) according to the requirements of the SPP, containing a core (platform) and a pilot mobile control center - special vehicle**

Recent programmes at Black Sea



			ISO 14001:2015 ISO 45001:2018 ISO 27001:2018
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“Norway to deploy military to protect its oil and gas installations”

<https://www.reuters.com/business/energy/norway-beefs-up-security-across-oil-gas-sector-2022-09-28/>

Business as usual... not anymore... even more than since February 24th 2022...

Lieutenant General (Retired) Ben Hodges

9. Develop a Common Operating Picture (COP) for air, maritime, and land for the greater Black Sea region by fusing intelligence from all sources/nations around the Black Sea and NATO to create the “unblinking eye” that ensures speedy recognition of what the Kremlin might be doing.

[CEPA Strategy Paper | The Black Sea ... or a Black Hole?, 2021 https://cepa.org/wp-content/uploads/2021/01/CEPA-SP-Black-Sea-Strategy-v2-1.19.21.pdf](https://cepa.org/wp-content/uploads/2021/01/CEPA-SP-Black-Sea-Strategy-v2-1.19.21.pdf)

Building up an enhanced maritime awareness and security at Black Sea supported also by an agile and dynamic Research & Development & Innovation ecosystem, based on smart collaborations, cooperation and partnership.

Supportive financing opportunities:

EEA Grants

European Defence Fund Programme 2022

Romanian MoND sectoral plan



			ISO 14001:2015
			ISO 45001:2018
			ISO 27001:2018





Calin P. Pantea
General Director

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Gheorghe Stefanescu
Technical Director

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