HTZ WARFARE

AN ADVANCED COMBAT – PROVEN SOLUTION
SUPPORTING THE DEFENSE FORCES’ REQUIREMENTS FOR:

- Control and optimization of electromagnetic spectrum
- Control and optimization of information exchange
- Optimization and resilience of connected mobile communication networks

HTZ WARFARE IS USED WORLDWIDE BY:

- C4ISR: Computerized Command, Control, Communications, Intelligence, Surveillance, Reconnaissance services
- Ministry of Defenses
- Forces: air, land, navy
- Police, rescue and security services
- Regulators and Frequency Management Offices
- Tactical communication units
- Military hardware integrators

ATDI EXCELLENCE MODEL

ATDI permanent research enables us to provide user-friendly solutions with very high level of accuracy and trustworthy results for critical mission planning and spectrum dominance:

- Cost-effective O&M (software updates, technical support, 24/7 hot line)
- Cost-effective tailored training
- C4ISR assets implementation feasibility studies and technical support
- Customer-specific development
- On-site assistance

DISCOVER MORE
ON OUR PRODUCTS
Visit our website: www.atdi.com

CONTACT ATDI
sales@atdi.com
11 boulevard Malesherbes
75008 Paris, France

WWW.ATDI.COM
HTZ WARFARE IS THE MOST POWERFUL SOFTWARE FOR TELECOM DEFENSE DEDICATED TO FIXED AND MOBILE COMMUNICATION NETWORK PLANNING, SPECTRUM MANAGEMENT, SPECTRUM ENGINEERING AND COMMUNICATION ELECTRONIC WARFARE.

SINCE 1988, HTZ WARFARE PROVIDES A COMPREHENSIVE SET OF FIXED AND MOBILE COMMUNICATION NETWORK PLANNING FEATURES TO DESIGN AND OPTIMIZE MILITARY COMMUNICATION NETWORKS FROM A FEW kHz TO THz.

HTZ warfare is the most advanced radio planning solution for the design and optimization of military communication networks and for modeling battlefield communications and wireless systems including classical and tactical radio, microwave, radars, satellites, drones and UAVs – with allied, enemy or neutral modes. It enables advanced modeling of the modern electronic warfare battlefield in 2D/3D view (ELINT, COMINT) and offers extensive radio simulation scenarios for interception, direction finding, radio localization, sensor and radar countermeasures.

MAIN FEATURES OF HTZ WARFARE:

**Efficient deployment of all tactical fixed and mobile networks**
Network coverage calculations
Prospective planning
Network coverage analysis
Network optimization
Site searching
Network planning

**Electronic warfare command control (C2) functional services**
Battlefield communications modeling On-the-move capabilities
Radar (coverage, countermeasures...)
Jamming
Direction finding
Radio localization & Geolocalization
Maps

**Spectrum optimization**
Frequency coordination
Automatic frequency assignment
Dynamic Spectrum
Electromagnetic compatibility
Frequency sharing

**Deployability compliant with all IT environments**
Remote coverage calculations
Access points
Load balancing
Multi-Core
Command line

**Main Technologies**
Critical Communications: VHF/UHF, HF, LINC, LINC16, TETRA, PMR, TETRAPOL, P25, DMR, CDMA, CDMA 2000, TETRA, PS-LTE (Public Safety), Tactical broadband, Mesh, Paging...

Satellite, Earth station
Microwave-links & Point to Multi-Points
Aeronautical & UAVs: Communications (Ground To Ground/Ground To Air), Radio Navigation (GP, markers, LOC, MLAT, DME, TACAN, NDB, Markers, GBAS RX, MLS AZ, etc) and Surveillance systems;

Radars, drones
Radio-localisation: Direction finders, Interception, MLAT, TDOA, AOA, RSSI, hybrid...

Jamming
Broadcast: Analog and digital (FM, AM, LF/ME, DAB+, etc.), TV analog and digital (DVB, DVB-T, ISDB-T, DMR, DVB-S, DVB-S2, etc.);


HF: Skywave and Groundwave.

ATTI’S ALL-IN-ONE SOLUTION FOR CRITICAL COMMUNICATION NETWORK DEPLOYMENTS, COEXISTENCE STUDIES, FREQUENCY PLANNING AND SURVEILLANCE.