

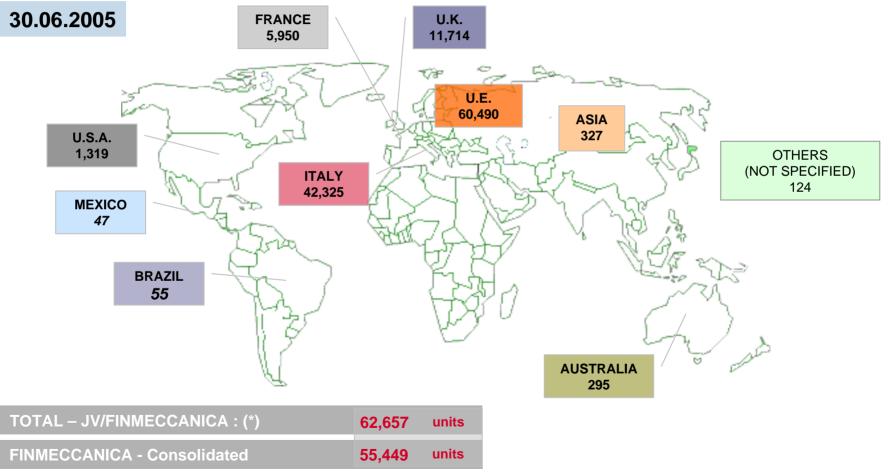
HFIA Meeting

Rome July 19



Finmeccanica presence worldwide





(*) Including FINMECCANICA share in JV

Finmeccanica Defence Electronics: SELEX





Main Activities

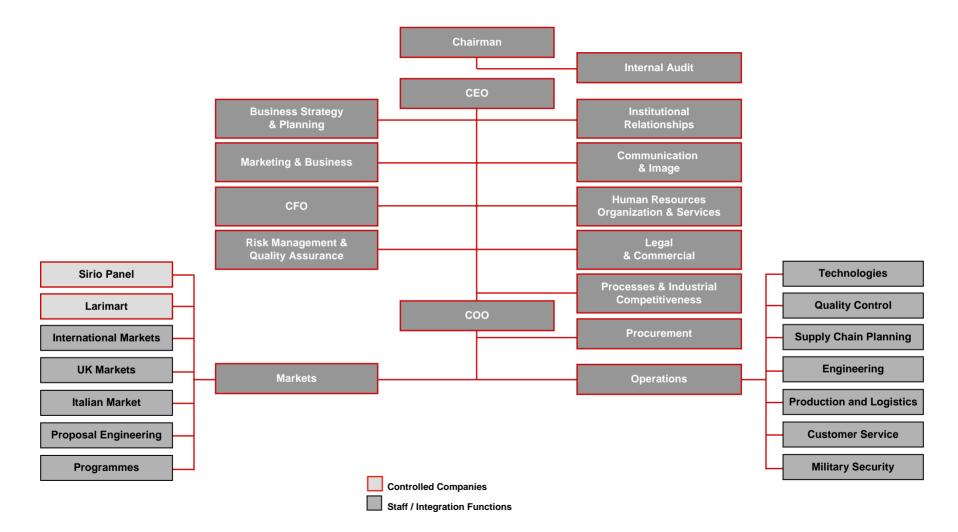
- Avionics systems & Equipment
- Electronics Warfare Systems
- Radar systems
- Electro Optics for aeronautical and surface applications
- Space equipment
- Simulators and UAV

- Land C3/C4I and Radar systems
- Naval C3/C4I and Radar systems
- Naval Combat Management systems
- Air Traffic Control Sensors & Systems, Navigation Aids, Metrological Radar System

- Tactical and Strategic Communication
 Networks
- Naval Communications systems
- Avionics Communications, Navigations and Identifications systems
- Secure communications
- PMR (Professionional Mobile Radio)
- Communications for government and civil applications
- Air to Ground Communications for ATC/ATM

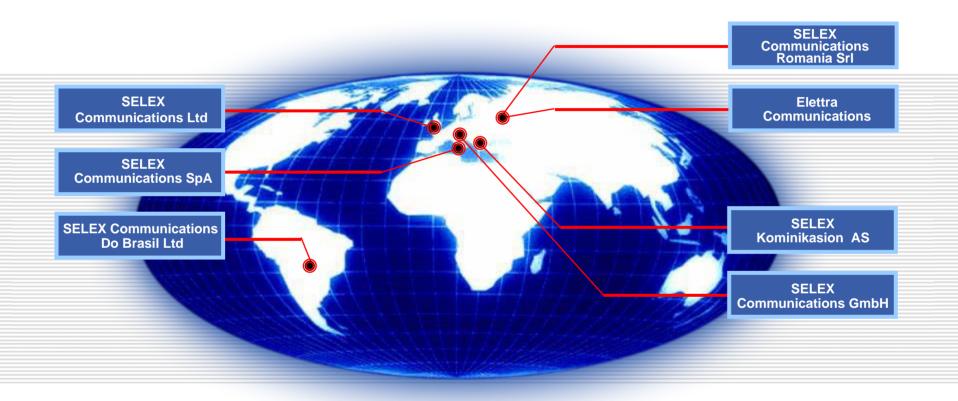
SELEX Communications Organization Chart





World Locations





Locations in Italy





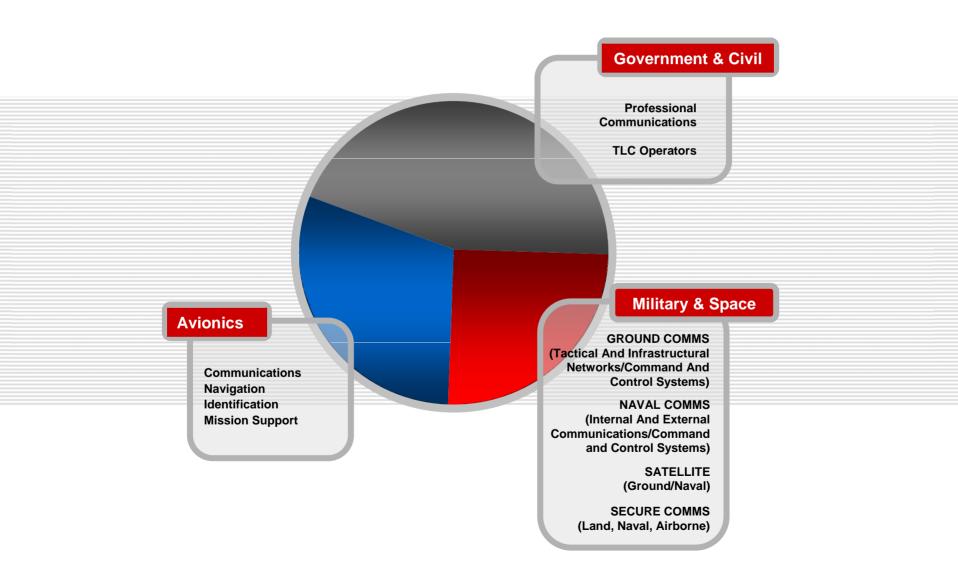
Locations in the UK





Main Fields of Activities







Integrated System Capabilities

Military & Space

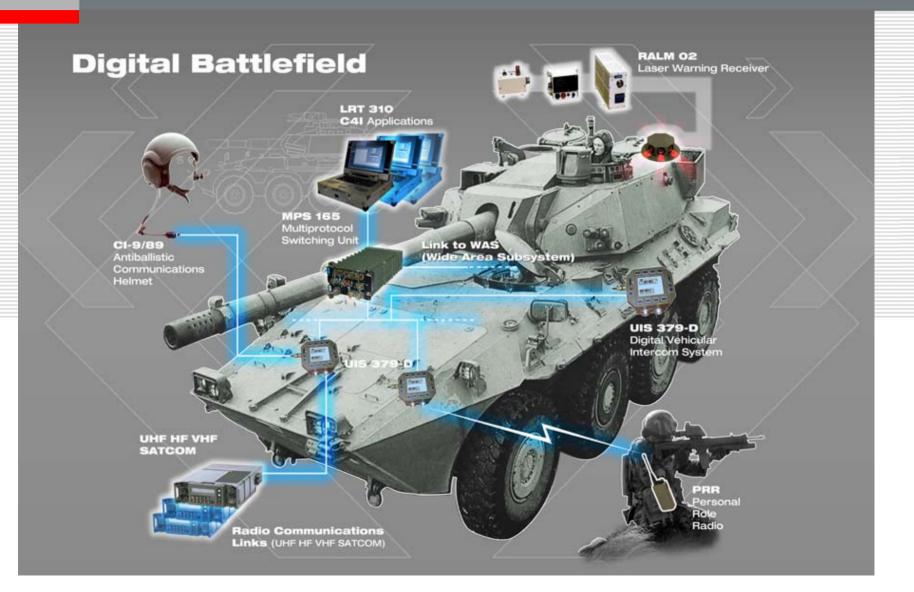
Integrated Battlefield Communications enabling Network Centric Operation





Digital Battlefield





Italian Dismounted Soldier "Soldato Futuro"





TETRATAC



TETRATAC Tactical Tetra Network

Fully integrated with Tactical area systems

Lightweight, ruggedized, fully transportable ground base stations switching nodes

Naval Wireless Network

Supporting **military features** such as priority calls, **transec** and **comsec** security, pre-emption

etratac

tetratac

tetratac

Battlefield Identification



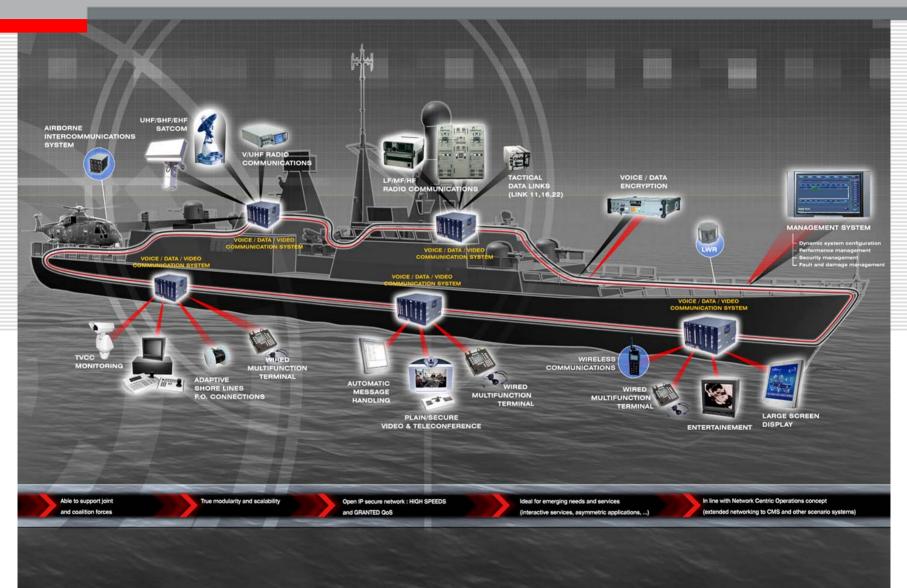


SELEX Communications is supporting the Italian Army in evaluating BTID Technology to minimize fratricide during ground battle

MAIN OBJECTIVES	ITALIAN ARMY PARTECIPATION	SELEX Communications	Sector of the
Develop national CID capability	Unit Size Platoon + Officers : 5 WO : 10	Has installed on army vehicles Dardo two interrogator / transponder systems and two transponder only systems	
Assess BTID operational effectiveness Develop TTPs and personnel capability	Enlisted : 35 Total : 50	The BTID System is connected to SistemCOmmandCOntrolNAvigation (SICCONA) being developed by SELEX Communications.for the Italian Army	
Assess training level	Unit Type Mechanized Infantry Vehicle Type DARDO Armoured Personnel Carrier	Through the SICCONA all information collected via the BTID capabilities will reported on SICCONA display to improve overall situation awareness	

Network Enabled Naval Communications System









European Multimission Frigate (FREMM)



- Italian and French cooperative program
- 27 units (10 Italy-17 France)
- SELEX Communications and Thales will supply the Fully Integrated Communications System
- Common architecture open to national variants
- External communications will use state of the art software radios
- Internal communications will use wideband, voice and IP networks



Integrated System Capabilities

Avionics

CNI Avionics Integrated Solutions





MIDS-JTRS Multifunction Information Distribution System – Joint Tactical Radio System



Single Equipment Implementing multiple Waweforms

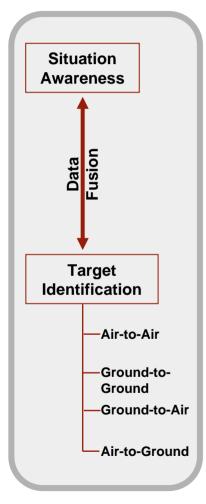
Enabling Network Centric Communications

One Single System For a Full Operational Capability



Combat Identification







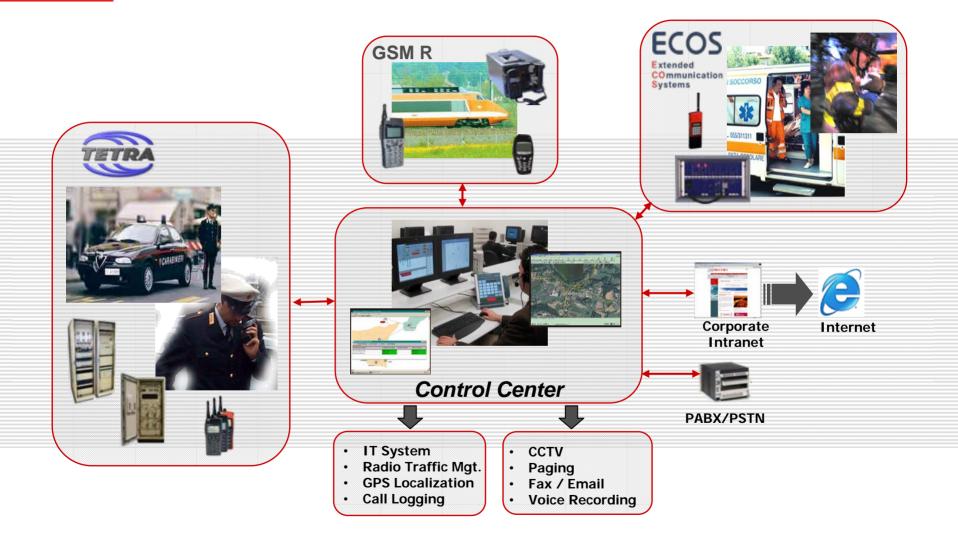


Integrated System Capabilities

Government & Civil

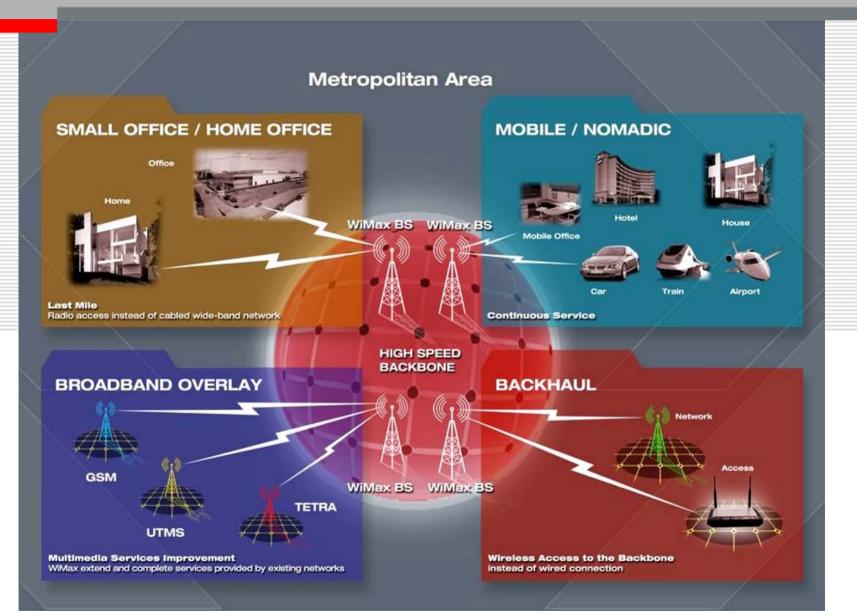
Professional Communications Solutions





WiMAX Worldwide Interoperability for Microwave Access for civil applications







Thank You

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SELEX

A Finmeccanica Company

When we began our activities communications was just an idea. Today we have transformed this concept into reality. Through innovation we have stayed in the forefront of communications technology, delivering world class solutions that are applied to real needs.

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