



BORDER CONTROL

Integrated Border Security System

BORDER POLICE GENERAL INSPECTORATE
IBSS – Project Management Unit
Petruș NEACȘU

PSCE Conference, Bucharest
29 – 30 October 2012



CONTENT

1. Border Control
2. Integrated Border Security System (IBSS) concept
3. IBSS implementation
4. PMR use in IBSS



BORDER CONTROL

- Regulation (EC) No 562/2006

- “*border control*” – the activity carried out at a border
 - “*border checks*” – at border crossing points
 - “*border surveillance*” – between border crossing points



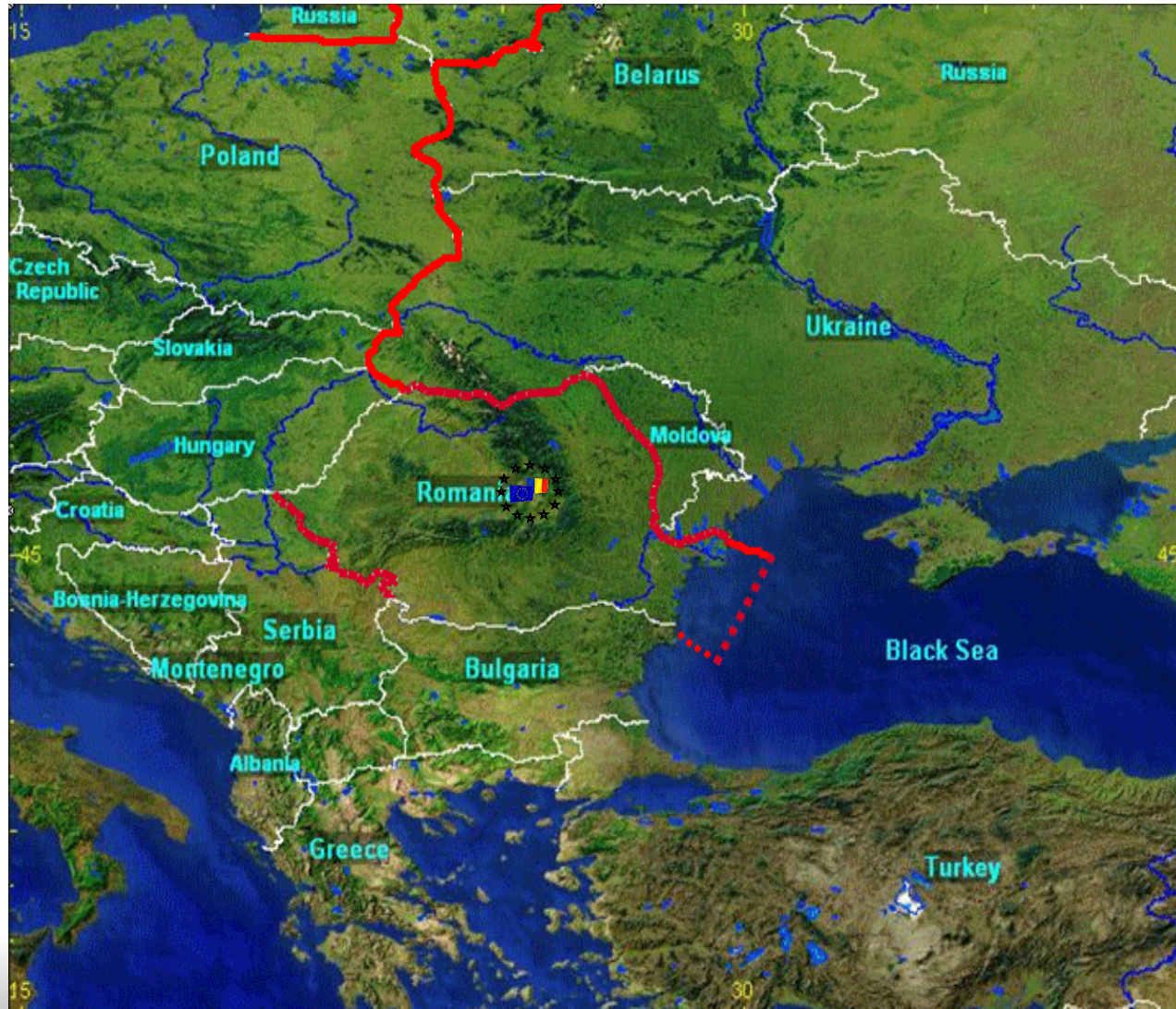
CONTENT

1. Border Control
2. Integrated Border Security System (IBSS) concept
3. IBSS implementation
4. PMR use in IBSS



ROMANIAN BORDER POLICE

Geographical Background





INTEGRATED BORDER SECURITY SYSTEM Concept

- goal – improve the control and surveillance capabilities of external borders

- components:
 - operational
 - technical



INTEGRATED BORDER SECURITY SYSTEM Technical Architecture





CONTENT

1. Border Control
2. Integrated Border Security System (IBSS) concept
3. IBSS implementation
4. PMR use in IBSS

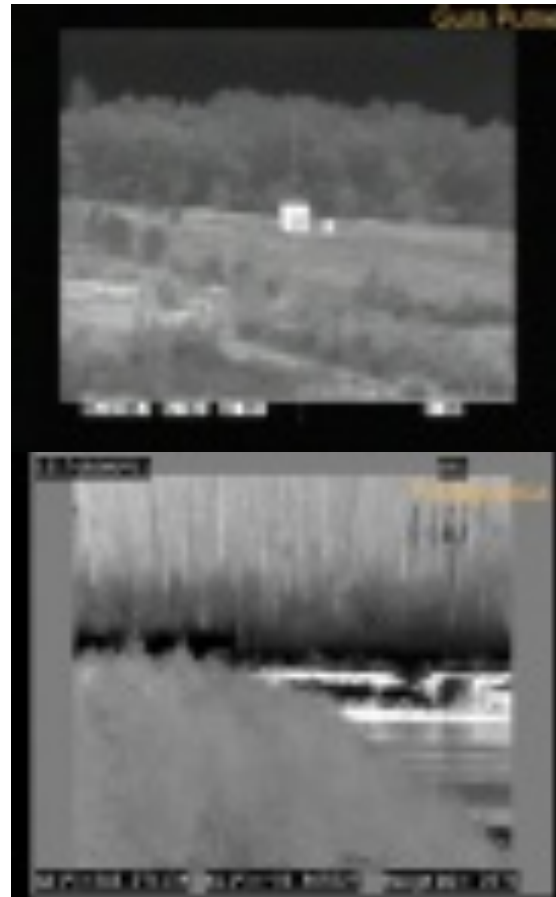


IBSS IMPLEMENTATION

Surveillance subsystem

- Fixed surveillance
 - Green border surveillance

 - Blue border surveillance
 - Black sea (SCOMAR)
 - Danube





IBSS IMPLEMENTATION

Surveillance subsystem

- ❑ Mobile surveillance



- ❑ Portable equipments

 - ❑ Portable optoelectronic equipments

 - ❑ Night vision equipments



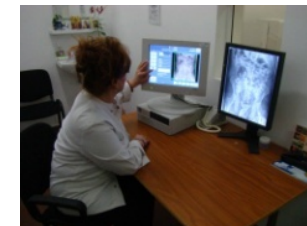


IBSS IMPLEMENTATION

Control subsystem

- ❑ Equipments for document checks
 - ❑ Fixed document readers with biometric capabilities
 - ❑ Portable document readers

- ❑ Equipments for vehicles checks





IBSS IMPLEMENTATION IT subsystem

- Software applications :
 - Intranet portal
 - Travel documents checks (with access to national data bases and SIS)
 - Command & control
 - Risk analysis
 - e-Learning



IBSS IMPLEMENTATION

Fixed communication subsystem

- Voice and data services available in all RBP premises
- WAN infrastructure
 - RBP infrastructure in all premises from external border counties
 - Communication services from operators in all RBP premises





IBSS IMPLEMENTATION

Mobile communication subsystem

- Professional mobile radio communication – TETRA
 - EADS
 - MOTOROLA
 - ISI (certified functionalities)

- WIMAX





IBSS IMPLEMENTATION

Mobility subsystem

□ Land platforms



□ Maritime and river platforms





IBSS IMPLEMENTATION

Infrastructure subsystem

- ❑ RBP premises



- ❑ Surveillance & Telecommunication infrastructure





IBSS IMPLEMENTATION

Infrastructure subsystem (cont)

- ❑ Command & Control Center





CONTENT

1. Border Control
2. Integrated Border Security System (IBSS) concept
3. IBSS implementation
4. PMR use in IBSS



PMR use in IBSS

- Voice services





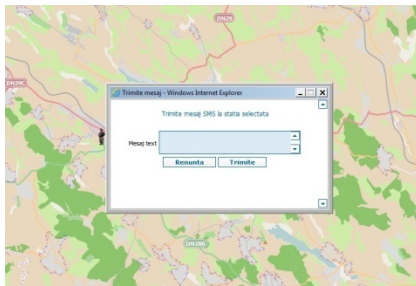
PMR use in IBSS

□ Data services

□ Database interrogation



□ C2 support

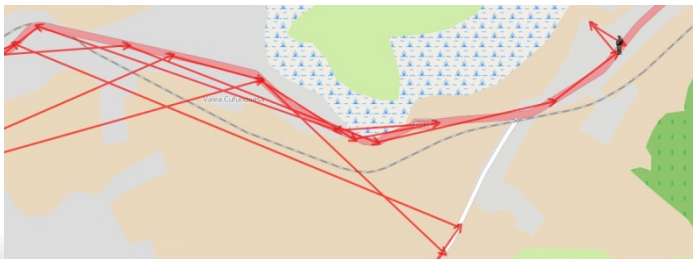


□ Message exchange

□ Resource location



□ Mission control (C2 mobile)





PMR use in IBSS

- Future needs
 - Broadband
 - TETRA Inter System Interface (“full” ISI)



THANK YOU !