



# **ROMANIAN PILOT SITE eCALL READY COUNTRY**



**SPECIAL  
TELECOMMUNICATION  
SERVICE**



# SUMMARY

- **SINGLE NATIONAL EMERGENCY SERVICE**
- **eCall IMPLEMENTATION**
  - **MODEL**
  - **STRATEGY FOR eCALL DEPLOYMENT IN ROMANIA**
  - **eCall ROUTING**
  - **NATIONAL eCALL ARCHITECTURE & WORKFLOW**
  - **CHALLENGES FACED DURING IMPLEMENTATION**
  - **ROMANIAN PSAP READINES – eCALL FUTURE DEVELOPMENT**



# 112 EMERGENCY SERVICE



## ✓ **112 Model**

All 112 calls are routed to the most appropriate PSAP, county-based.



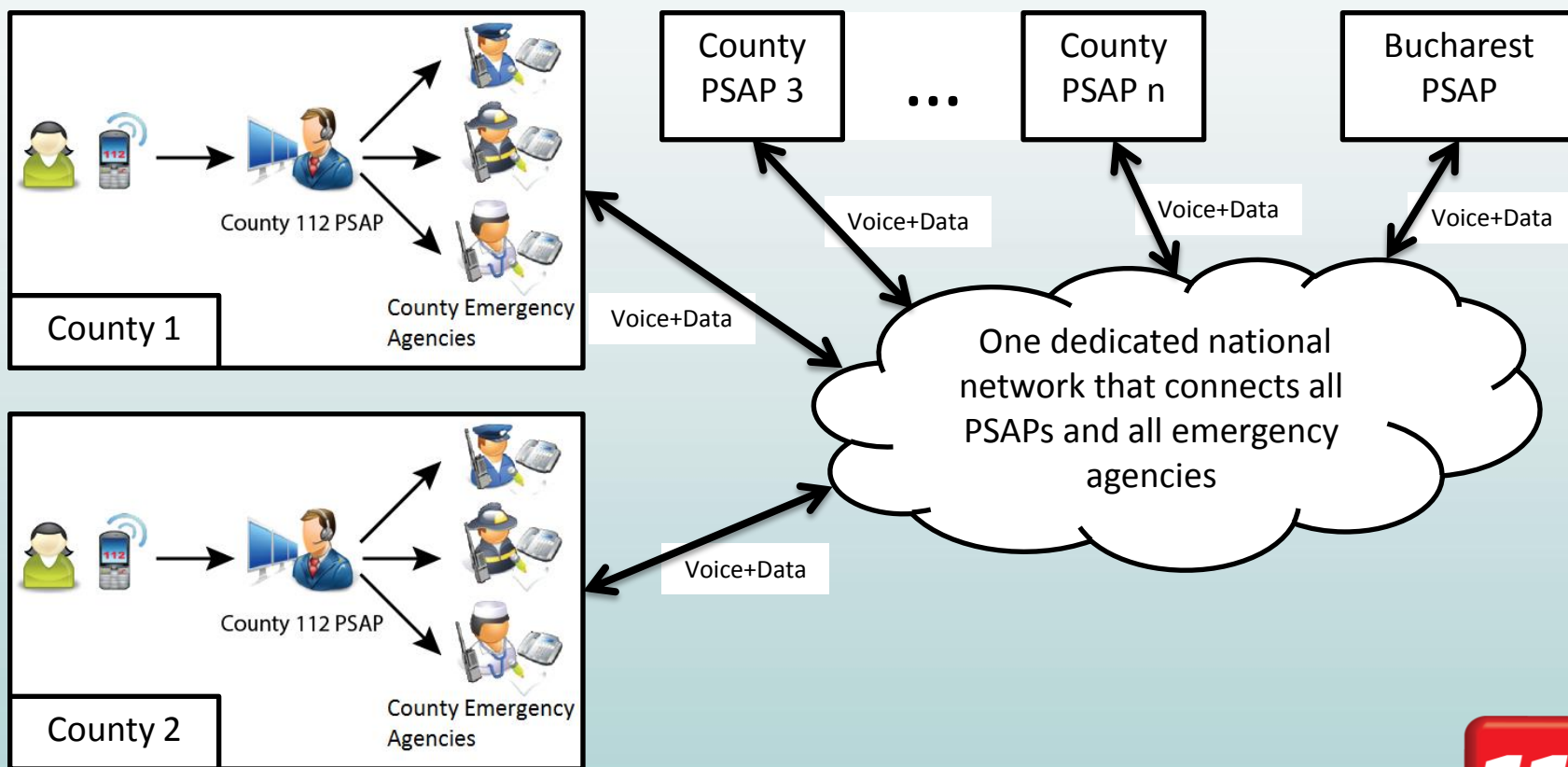
- ✓ **PSAPs** – located in county residence municipality
- ✓ **S-PSAPs** (Police, Ambulance, Fire Fighters, Gendarmerie, SMURD) – located in county residence municipality
- ✓ **third level PSAPs** (Police, Ambulance, Fire Fighters) – located in other municipalities and cities
- ✓ **Single centralized dispatching centers:** DSU (Department for Emergency Situations), Counterterrorism, TMC (Traffic management center), ROMATSA (Romanian Air Traffic Services Administration), AFER (Romanian Railway Authority), Labor Protection, SPP (Protection and Guard Service).







# 112 EMERGENCY SERVICE

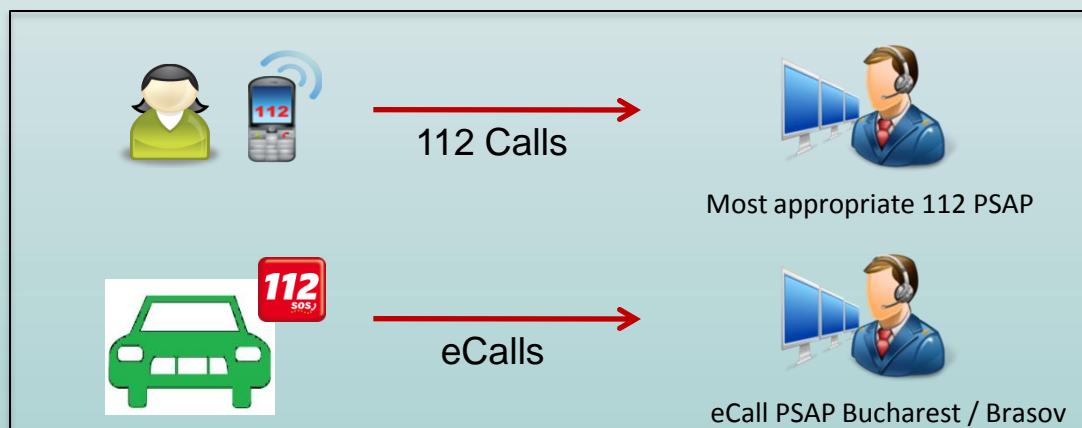




# eCALL IMPLEMENTATION

- ✓ Implementation in the existing 112 system since 2011.
- ✓ eCall model is centralized - all eCalls are routed based on eCall flag to Bucharest PSAP or to the backup PSAP located in Brasov.

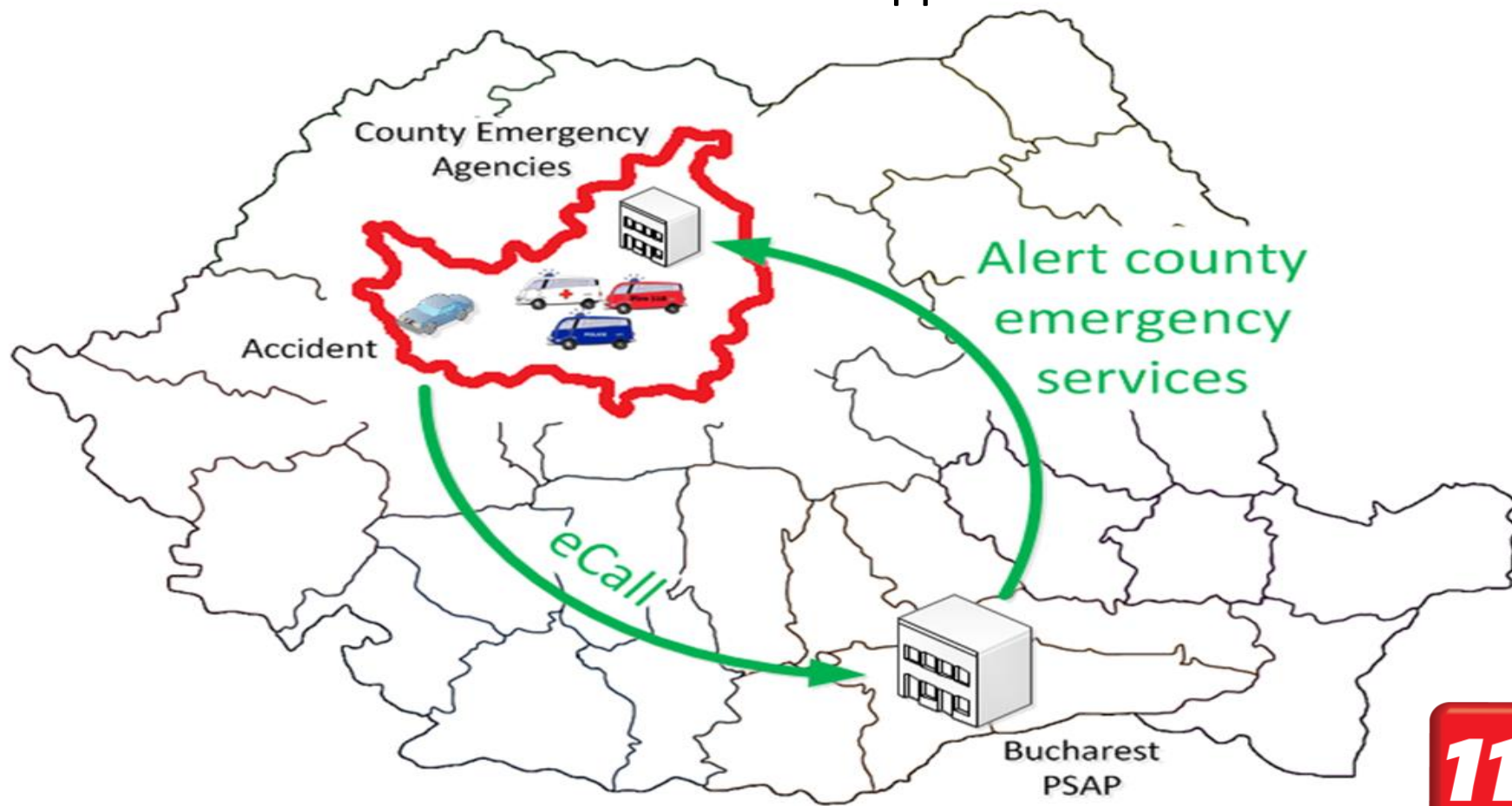
The emergencies are transferred to the county emergency agencies that are responsible in the incident area.



# Strategy for eCall deployment in Romania

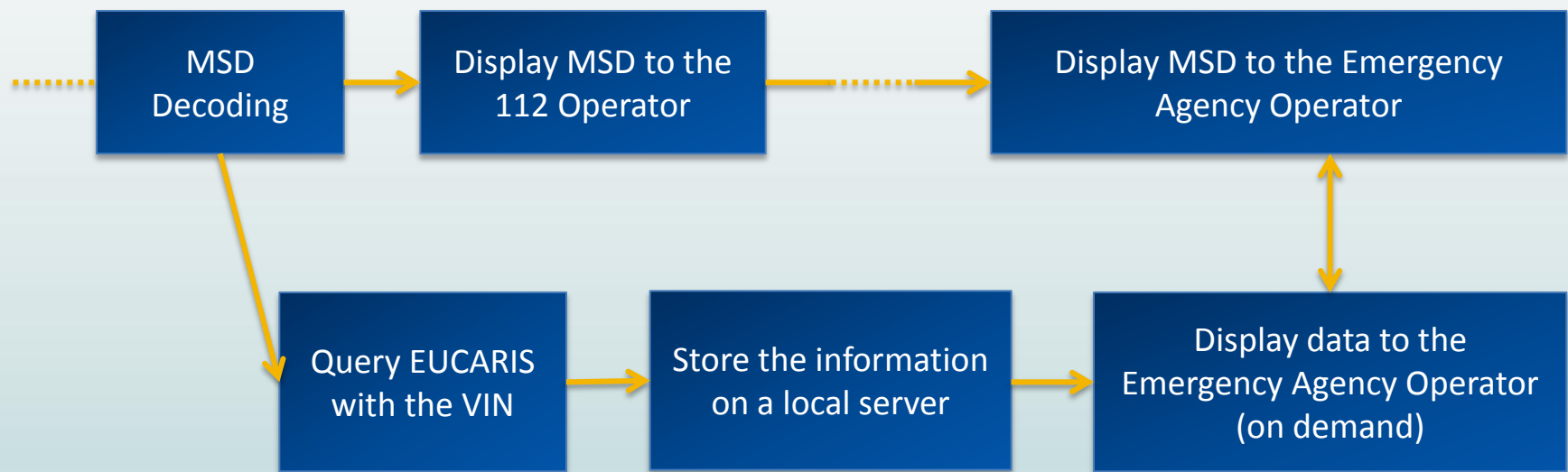


## eCall Centralized approach





# eCALL WORKFLOW





# STANDARD ECALL IMPLEMENTATION STATUS

- ✓ Unitary and centralized eCall solution
- ✓ Fully integrated in existing 112 system
- ✓ eCall coverage = 112 coverage
- ✓ eCall operation is similar to 112
- ✓ Built on same infrastructure, same specialists/operators
- ✓ Same data protection
- ✓ Ready to receive eCALLs







**Thank you**

