Emergency medicine in romania using telemedicine in emergency care

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telemedicine

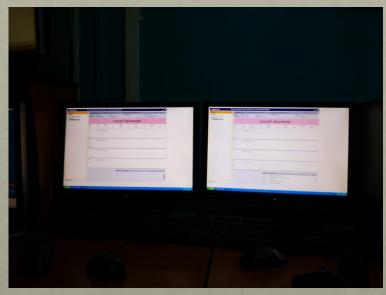
- Pre-hospital towards emergency departments or integrated dispatching centers (800 ambulances type with fire fighters or nurses)
 - EKG real time monitoring
 - EKG 12 lead
 - Pulse-oxymetry
 - BP
- Hospital to hospital (40 samll emergency departments towards a regional emergency department)
 - Video & audio
 - EKG real time monitoring
 - EKG 12 lead
 - Pulse-oxymetry
 - BP
 - Ultrasonography & radiology (experimental)

First response



First response





Telemedicine Solution using VPN-GPRS data transmission

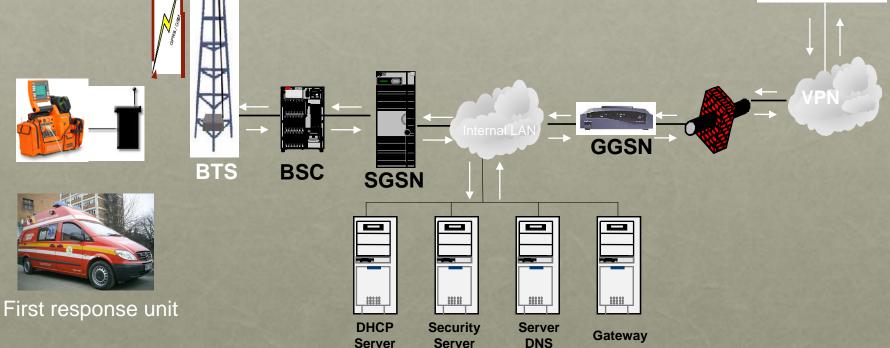


First response unit

112 Emergency call center









Regional Inter-hospital telemedicine





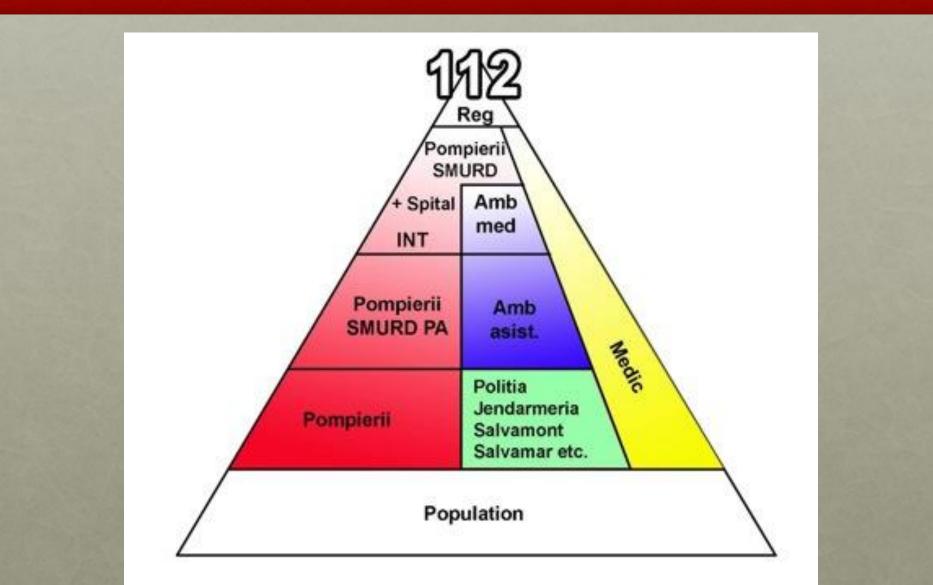
Regional inter-hospital telemedicine



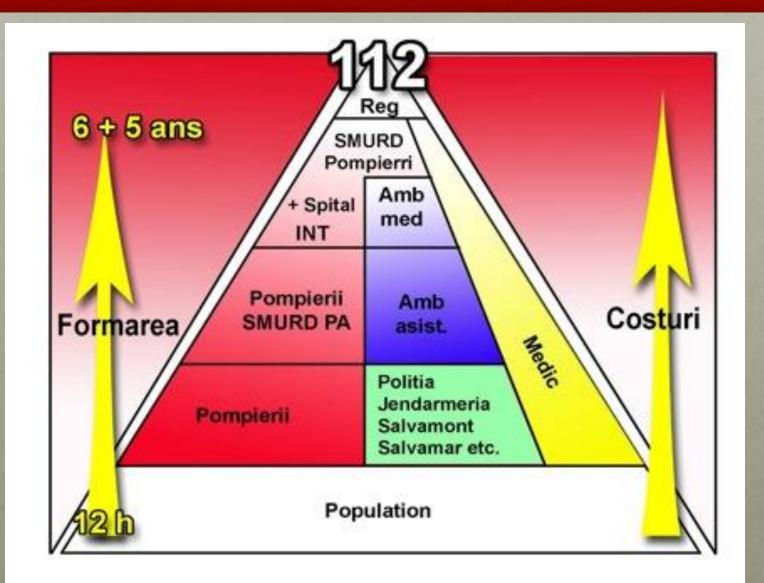


livama

The romanian system in 2009



The romanian system in 2009



Conclusions



- Telemedicine opens new horizon in medical care at all levels
- Telemedicine is not a luxury
- Telemedicine is an economical and cost efficient solution