



# PROJECT FINAL REPORT

## Figures

**Grant Agreement number:** 218123

**Project acronym:** SECRICOM

**Project title:** Seamless Communication for Crisis Management

**Funding Scheme:** Collaborative Project

**Period covered:** from 1<sup>st</sup> September 2008 to 30<sup>th</sup> April 2012

**Name of the scientific representative of the project's co-ordinator<sup>1</sup>, Title and Organisation:**

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<sup>1</sup> Usually the contact person of the coordinator as specified in Art. 8.1. of the Grant Agreement.

<sup>2</sup> The home page of the website should contain the generic European flag and the FP7 logo which are available in electronic format at the Europa website (logo of the European flag: [http://europa.eu/abc/symbols/emblem/index\\_en.htm](http://europa.eu/abc/symbols/emblem/index_en.htm) ; logo of the 7th FP: [http://ec.europa.eu/research/fp7/index\\_en.cfm?pg=logos](http://ec.europa.eu/research/fp7/index_en.cfm?pg=logos)). The area of activity of the project should also be mentioned.

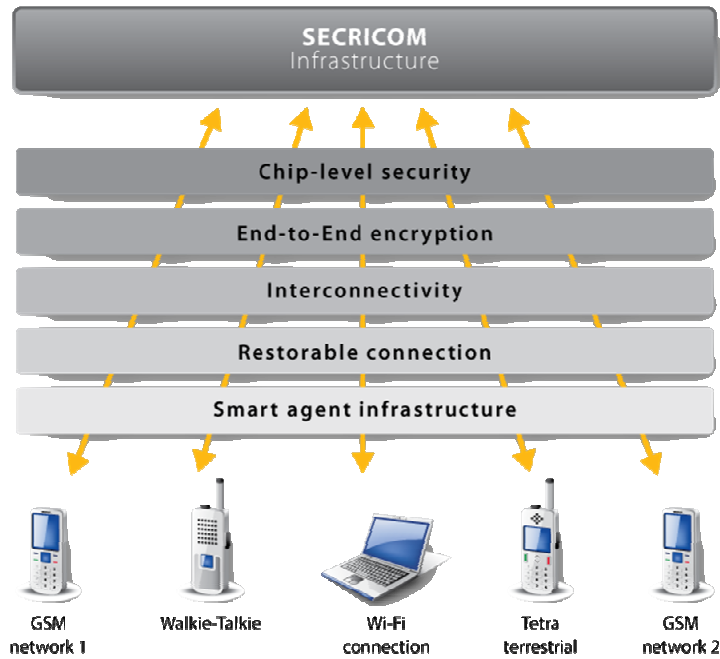


Figure 1: SECRIком infrastructure.

## System analysis and design (WP2)

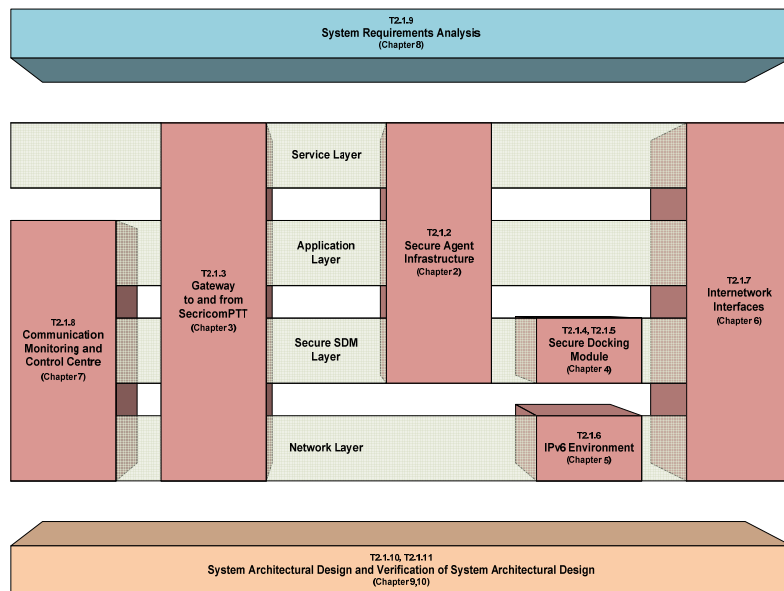


Figure 2: SECRIком Requirements

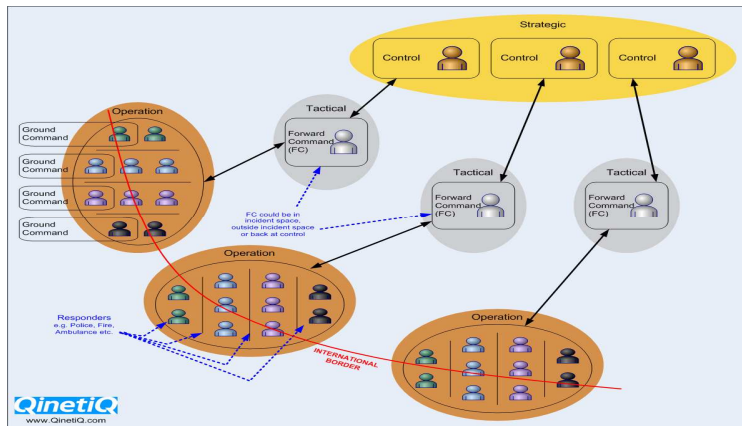


Figure 3: General European Emergency Response Multi-Agency C2 High Level Process

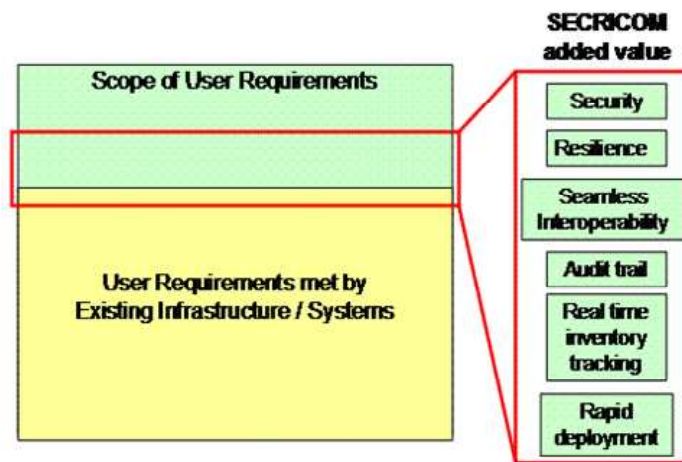


Figure 4: Capability gap

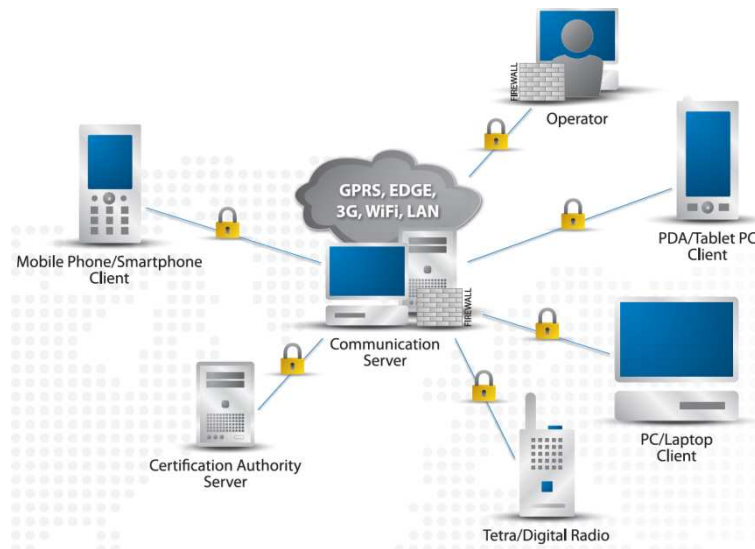


Figure 5: SECRICOM Silentel (PTT) high level architecture

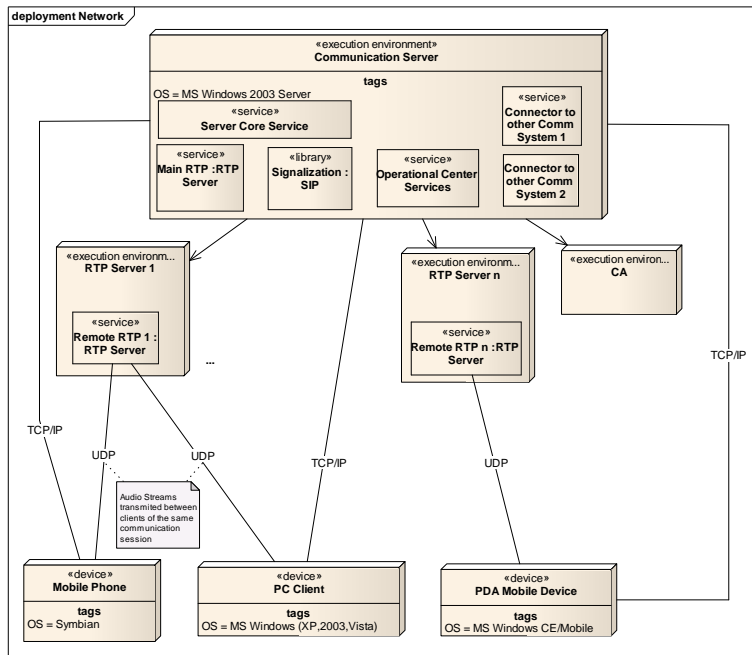


Figure 6

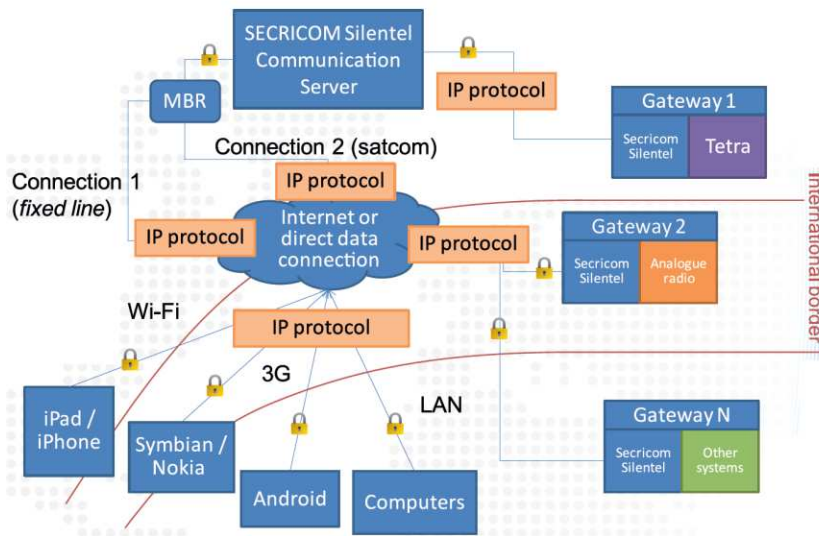


Figure 6: SECRIком Silentel Integration with Tetra and Analogue Radio



Figure 7: SECRIком Silentel Voice Conversation



Figure 8: SECRICOM Silentel Texting



Figure 9: SECRICOM Silentel images Transfer

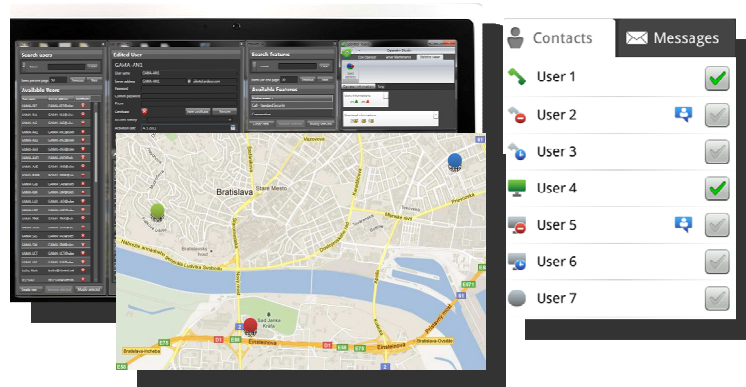


Figure 10: SECRICOM Silentel Operator Studio and GPS positioning displayed on a map

### Secure agent infrastructure (WP4)

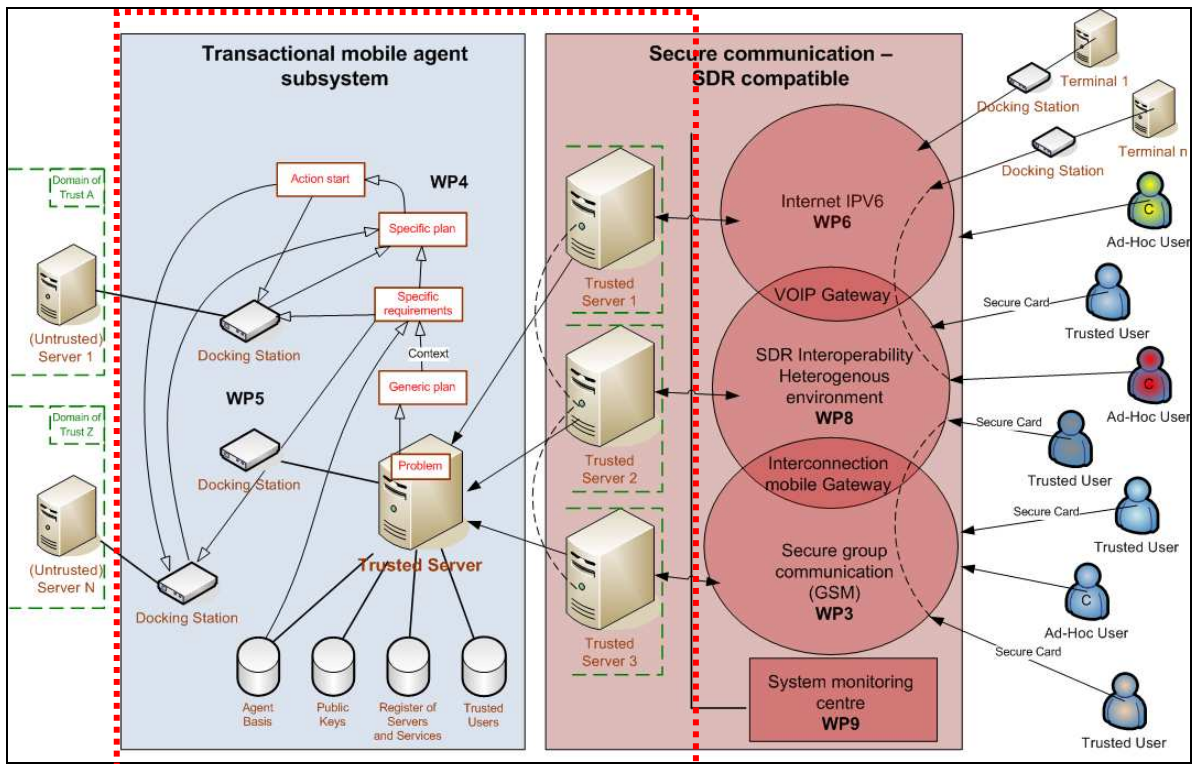


Figure 11: Generic design of the Secure Agent Infrastructure (SAI) with references to related WPs.

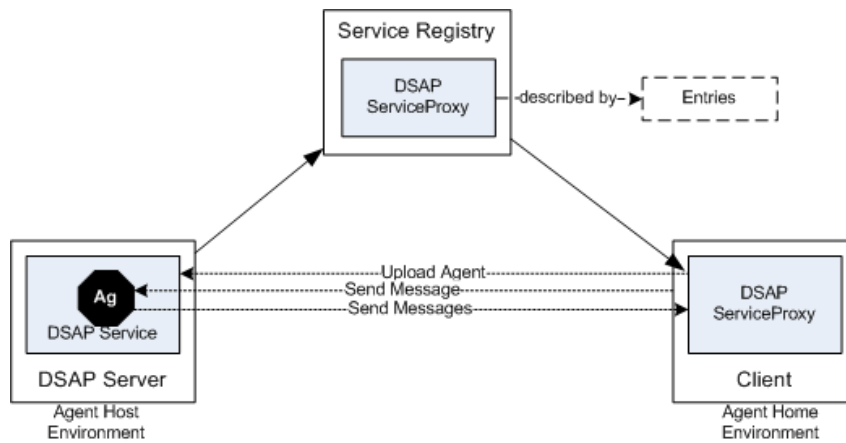


Figure 12: Extending Jini by DSAP Service.

## Secure docking module (WP5)

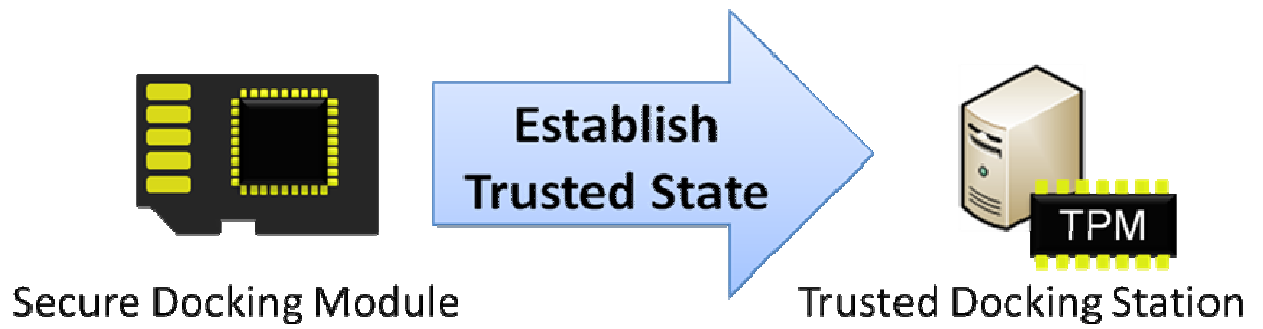
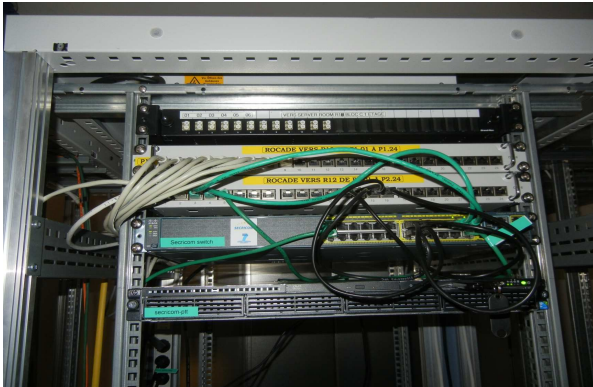


Figure 13: Secure Doking Module - Trusted Docking Station concept

## IPv6 based secure communication (WP6)



## Integration of research results (WP7)



Figure 14: Integration laboratory at Ardaco, Bratislava, Slovakia



Figure 15: WP3 integration on heterogeneous platforms



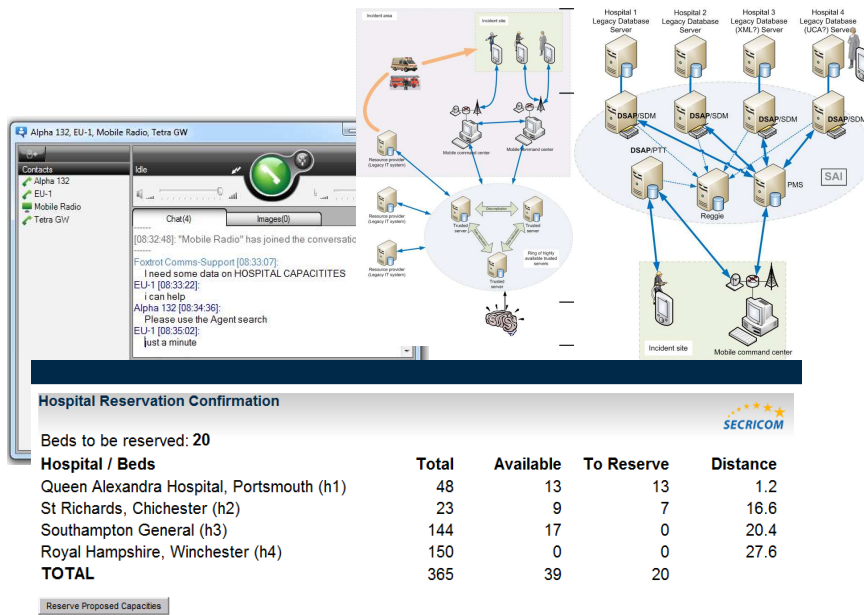


Figure 16: WP4 integration – Agent technologies for databases search

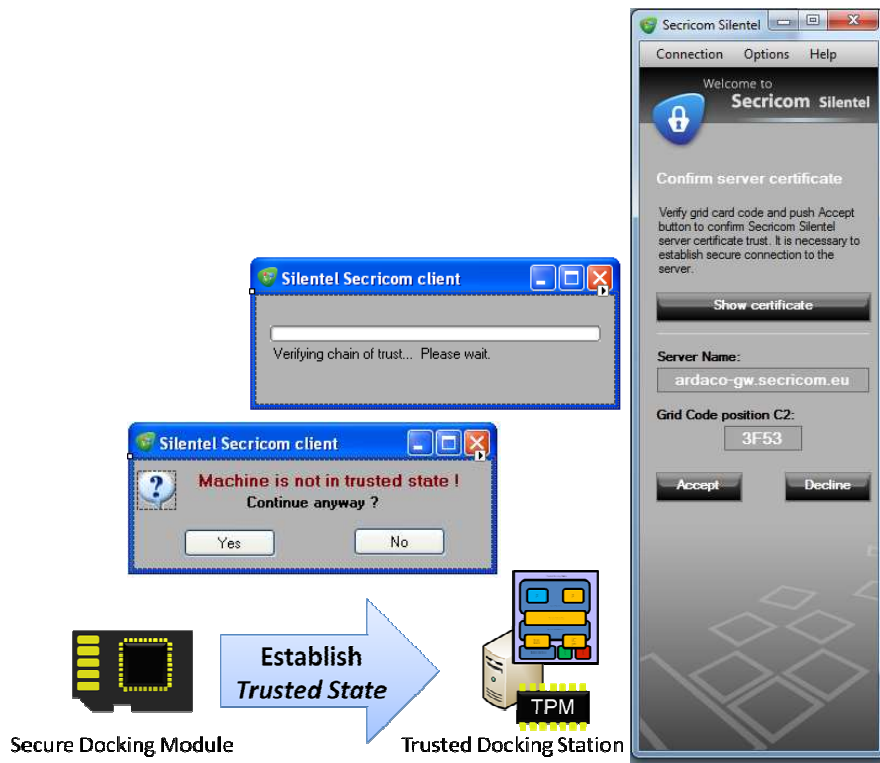


Figure 17: WP5 integration – Secure docking module

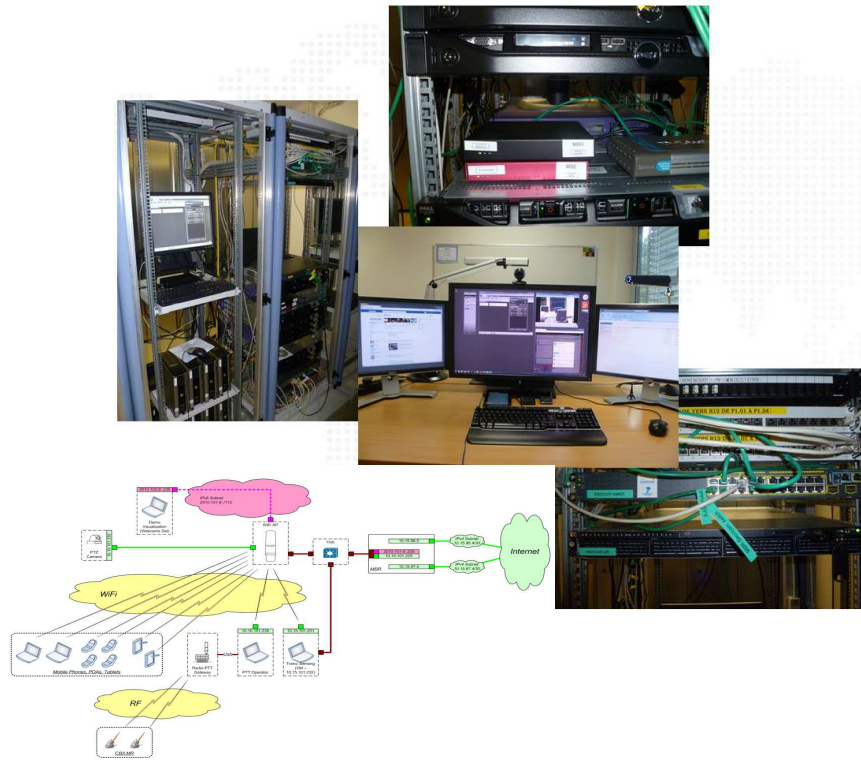


Figure 18: WP6 integration – Ipv6



Figure 19: WP8 Integration - Extendable and resilient network, GW to Tetra and CB

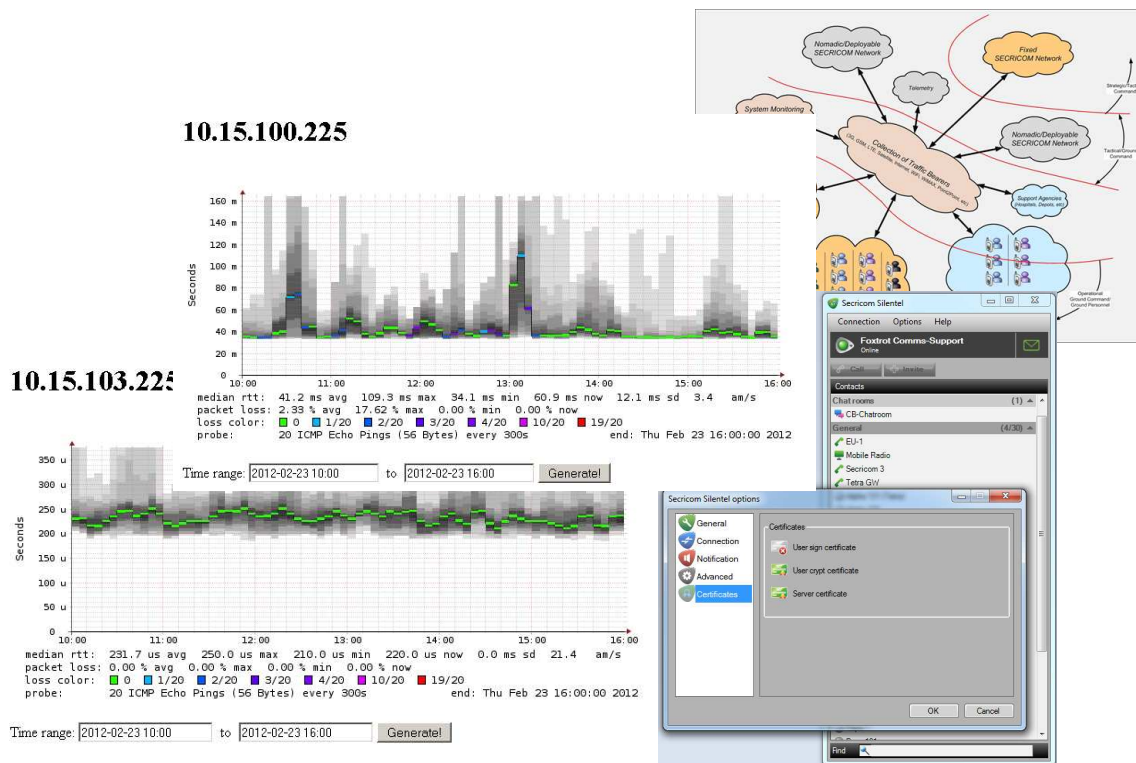


Figure 20: WP9 Integration – Quality of service and Security

**Internetwork interfaces, interoperable, recoverable and extendable network (WP8)**

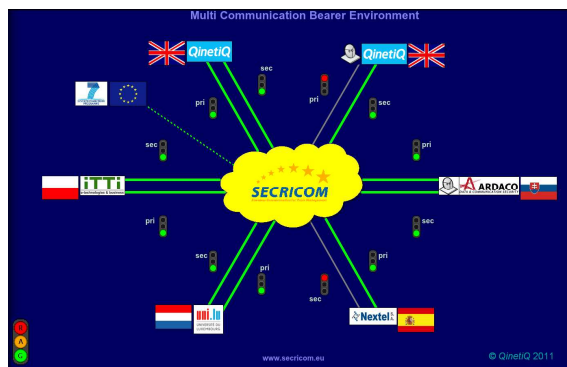


Figure 21: SECRICom network



Figure 22: SECRICOM Fast Deployable Nomadic Node



Figure 23: QinetiQ's SECRICOM Lab

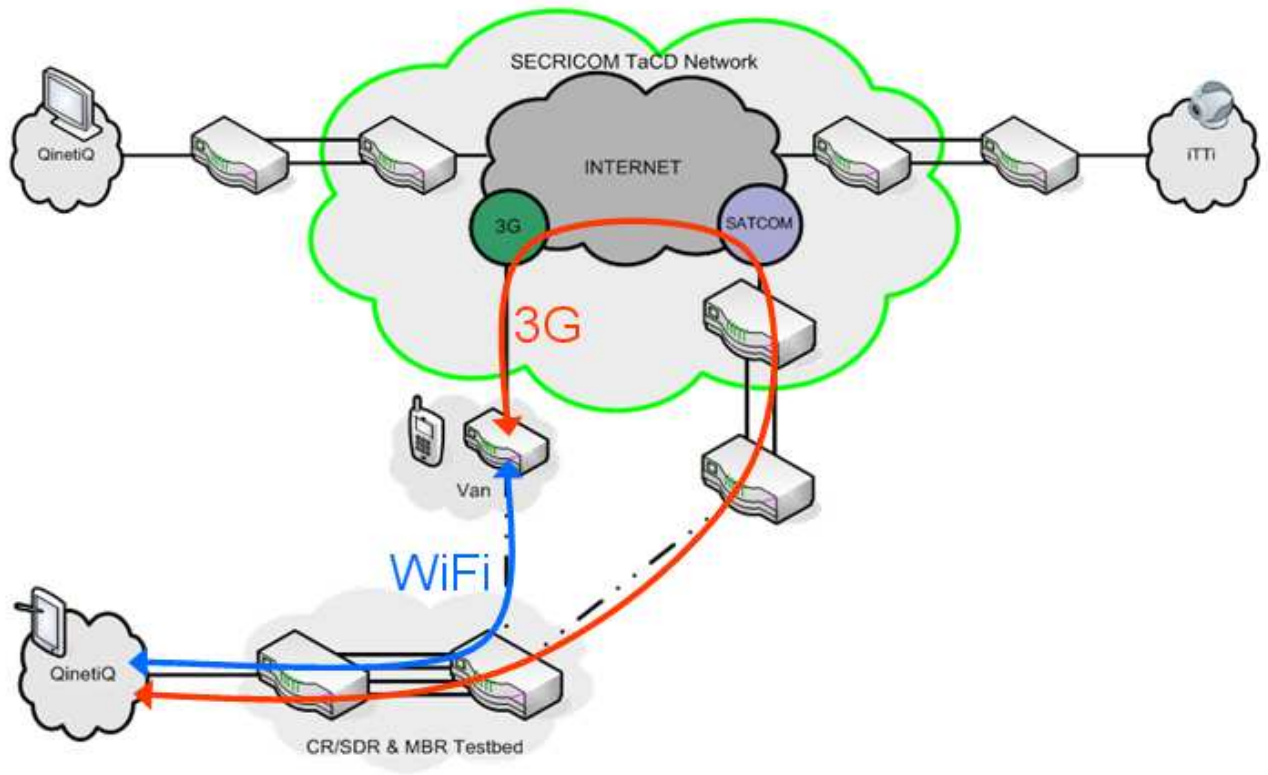


Figure 24: SECRIком network connectivity

## Communication infrastructure security monitoring and control center (WP9)

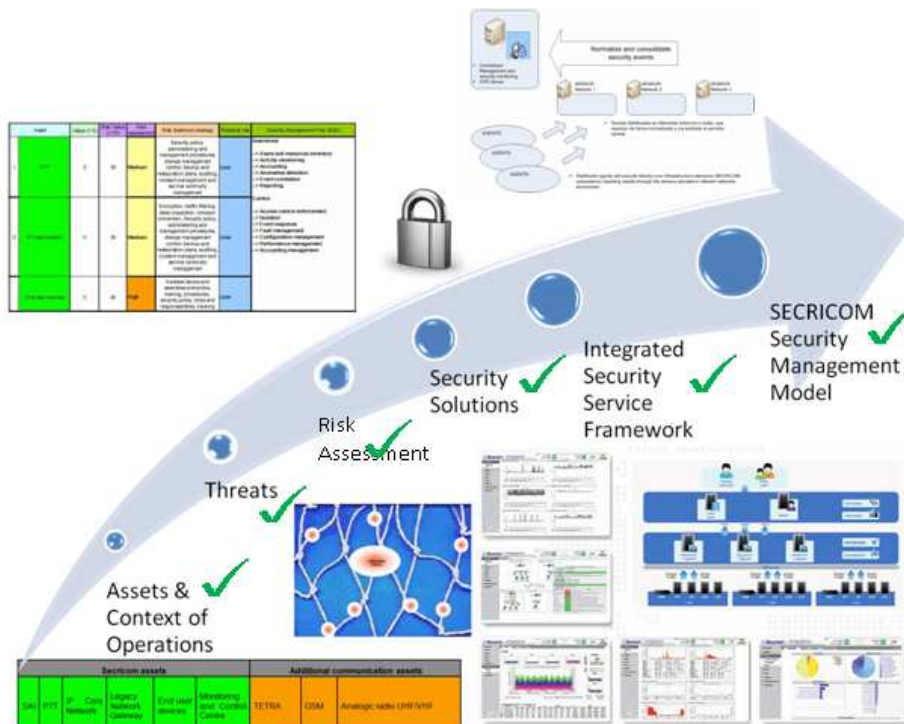


Figure 25: Roadmap to WP9

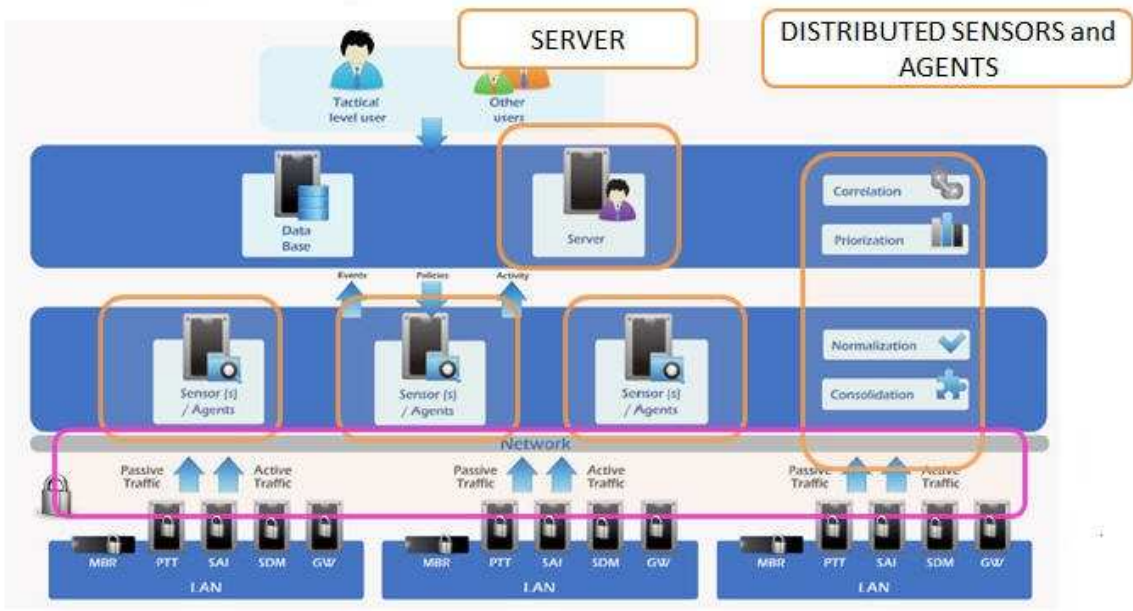


Figure 26: Security Management Model

**Demonstration (WP10)**

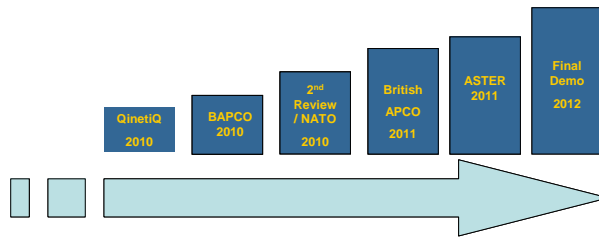


Figure 27: Demonstration Strategy

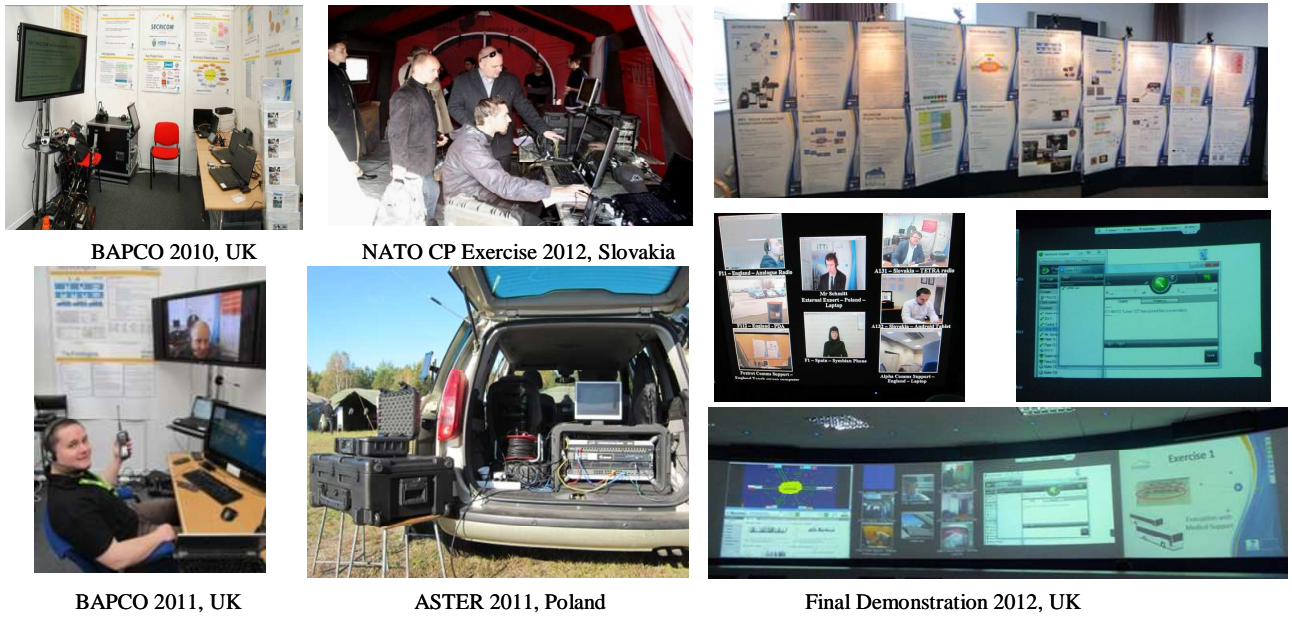


Figure 28: SECRICOM Demonstrations

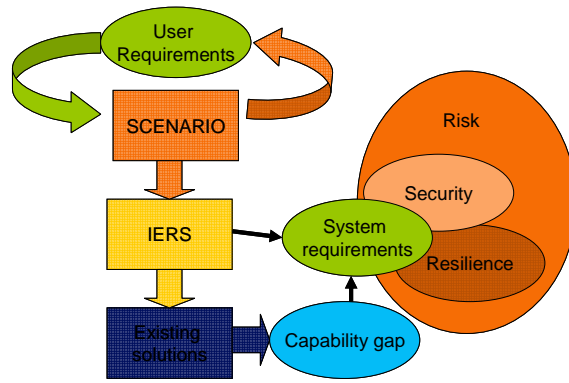


Figure 29: IERs used to determine capability gap

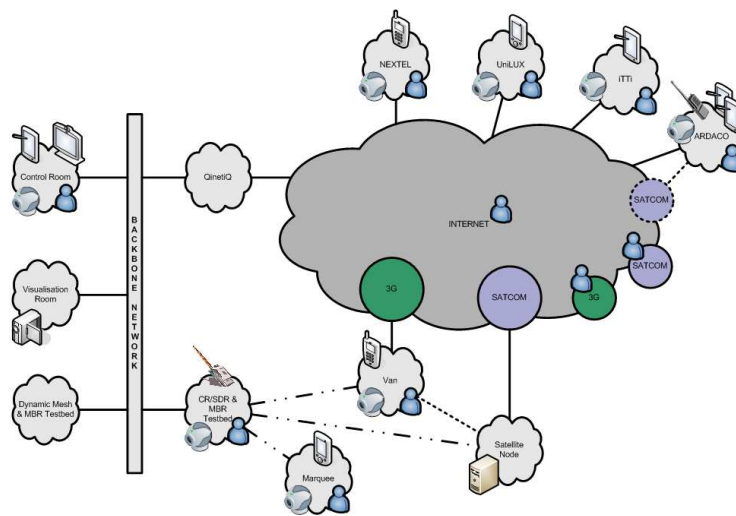


Figure 30: SECRICOM stakeholder demonstration network

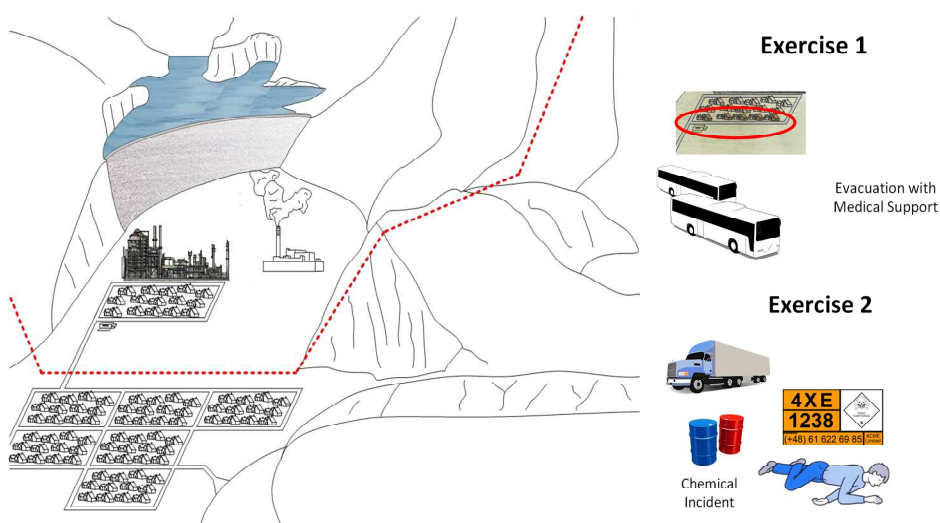


Figure 31: SECRICOM stakeholder demonstration scenario and exercises