

U-2010 SUMMARY PRESENTATION

PSCE-Forum

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www.u-2010.eu

U-2010 Overview

Ubiquitous IP centric Government & Enterprise Next Generation Networks Vision 2010

- Integrated Research Project
- 5th Call of the 6th European Research Frame Program
- Start May 2006 – End October 2009
- Budget 6,5 Mio €



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U-2010 - Overview

Objectives:

- Provide the most capable means of communication for emergency services
- Offer the most effective access to information

How?

- Interconnecting existing services and networks
- Leveraging redundant communication channels
- Using automatic redirection and/or service transformation
- Using new research results in wireless ad-hoc networks

U-2010-Evaluation

- The project has demonstrated the usefulness of new communication concepts in the area of public safety
 - Usage of IPv6
 - MANEMO (Mobile ad-hoc network mobility)
 - Voice over IP – TETRA integration
 - Information access (sensors, video) via portals and directory services



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Some Further Research Directions



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- Scope for several more projects in the area of QoS, Security and Robustness have not been tackled completely
- Major proposal for putting cognitive decision mechanism into network interconnection
 - Part of Future Internet Initiative
 - Would use many IPv6 advantages
 - Would use whole of U-2010 as one Use Case
- Proposals for putting mobile sensor networks into smart buildings and into vehicular communications
- Deploying U-2010 technology in African crisis management