Information Society Technologies (IST) Programme

VISIONAIR

Full Service Audio Visual Infrastructure for Metropolitan Access Networks
Contract No IST-2001-34615

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List of relevant conferences:

- ConTEL 2003 7th International Conference on Telecommunications

June 11-13, 2003

Zagreb, Croatia

http://www.contel.hr/2003/index.html

- TELESCON 2003

June 8 - 13, 2003

Sofitel Accor Hotel & Resort, in Rio de Janeiro – Brazil

http://www.cinintel.com.br/

- ASWN 2003 3rd Workshop on Applications and Services in Wireless Networks

July 2-4, 2003

Berne, Switzerland

http://www.iam.unibe.ch/~rvs/events/ASWN_2003/

- EURESCOM Summit 2003, Evolution of Broadband Services, Satisfying user and market needs

September 29- October 1, 2003

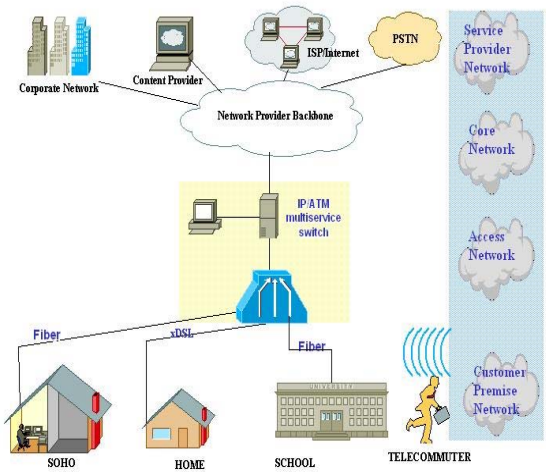
Heidelberg/ Germany – Congress Hall

http://www.eurescom.de/summit2003/default.htm

Project presentation

Short Presentation: VisionAIR is an IST Shared-cost RTD project (IST-2001-34615). Participants cover the range of municipalities, industrial partners, technical partners, universities and consultancy firms. The project started on August 1st 2002 and will last 30 months.

Objectives: VisionAIR project sets up a next generation IP/OSGi – based Full Service infrastructure in the cities of Amaroussion (Greece), Bari (Italy), Bremen (Germany) and Eindhoven (Netherlands) and experiments with converged on a common infrastructure, IP based voice, data and video networks & services. Additionally, it deploys service delivery platforms based on existing, owned or leased, Fibre and DSL access infrastructure. The platforms and services are going to be extensively trailed in the four participating municipalities, involving broadband services and experimentation with service bundles deployment based on the OSGI framework. All the types of users, which can be found in an urban area, are going to be addressed.



Proposed VisionAir service platform for user trials

Expected outcomes and Innovation: The innovative feature of the VisionAIR project is the services the municipalities provide and, consequently, the audience it addresses. That provides the technical partners the opportunity to validate the equipment interoperability and service interworking. Additionally, further work and analysis of issues such as end-user's privacy, data security, and quality of service in general is going to take place. The production of a number of extensive human-centric studies exploring the impact of the technology with the help of independent human-aspect analysis consultants is planned. All these will finally result to the production and validation of a number of usage scenarios and of business models to be used as a paradigm for real service deployment and operations.

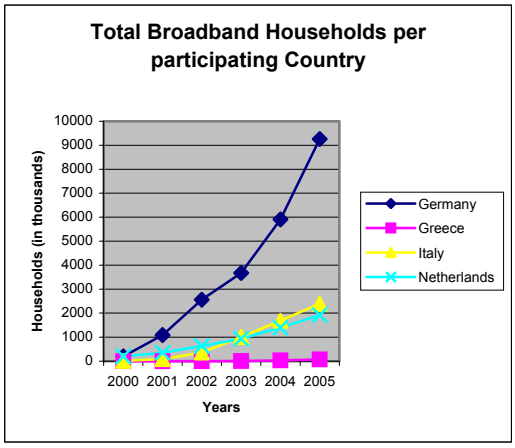
Results: VisionAIR results will be on three directions:

- The **social impact** of municipalities providing services to their citizens. These results will impact the everyday life of people living on the urban areas.
- The area of **technological issues**, relevant to the prototype full-service delivery networks and the service infrastructure that is going to be set in the four municipalities.
- The **commercial area**, dealing more with the adoptability and the social impact of the proposed services.

Project presentation

Situation in the countries participating the project: The figures for the four countries where VisionAIR trials are going to be held range from very low (Greece) to quite high (Germany and Netherlands). So here comes the dual target of VisionAIR, which is: To create the new services, an to broaden the possible market for residential networking devices with the help of communities that bring Computer-illiterate, Elderly and Disabled people closer to the world of advanced electronic equipment to make their lives easier.

Target Market: The potential customers of the VisionAIR services cover the range of all public authorities, territorial actors and citizens. One of VisionAIR's main concerns is to make sure that potential customers in all categories will receive the highest standard of service throughout the sales and delivery of our solutions, which will be tailored to their own needs and situation. The main aim will be to maximise the value of the VisionAIR solutions throughout the lifecycle of the customer's project. VisionAIR is based on the user involvement of existing smart public authorities.



Source: Forrester Research Inc

Municipality List of Services

The list of envisioned services which the municipalities wish to offer citizens is presented below:

- **Health related services**
- **Civil Service Centre**
- **Municipal Police**
- **Telephony Services**
- **Internet Services**
- **Video Services**
- **Web TV to access already available portal municipal services for unskilled users (elderly, lower classes)**
- **Video conference for social/elderly tele-assistance**
- **Fast Internet to School**
- **VoD of town council discussion or press conference or entertainment**
- **Real time Traffic (car/people) camera images situation report**
- **Car sharing in University Campus**
- **Hot spot in the City (find touristic / commercial places)**
- **Municipal/ University/ unemployment Training Centres**
- **WLAN - Hotspots**
- **Audiovisual Health Care Emergency Contact**
- **Internet TV**
- **Home Automation System**
- **Online gaming services**

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Partners

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City of Bary (Italy)

Tecnopolis (Italy)

University of Bremen (Germany)

also representing the City of Bremen

Technical University of Eindhoven (Netherlands)

also representing Kenniswijk

Cablelink (Greece)

SAGEM (France)

ANCO S.A. (Greece)

TEMAGON (Greece)

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