IP Multimedia Subsystem based Smart Home Solutions
Characteristics of Small and Medium sized Enterprises (SME)

- **Access to resources:** SME’s are characterized by limited and tight resources.
- **Organization structure:** Flat, informal, employees are generalists.
- **Management:** Business is managed and operated by owners.
- **Joint-research activities:** Recent studies show that SME’s propensity to cooperate (i.e. Strategic alliances) is significantly less than that of large companies.

EUREKA Programme:

Fosters Inter-firm collaboration which leads to
- Technology exchange
- Access to new markets
- Social Capital
- Innovation

Guidance and Consultancy
- Academic guidance and feedback
- Project Management Discipline

Provides Financial Support
- Uncertainty avoidance and risk minimization
- Shorten time to market
Participants

**E! 4198 IMS-SHS**

- **Budget:** 1,25 M €
- **Project Duration:** 2007-2009
- **Participant Countries:** Turkey, Israel

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**Project Partners**

- DONE
- ERICSSON
- TAKING YOU FORWARD
- DSP

**Innovation Partner**

- CERN

**National Support**

- TÜBİTAK
- MATIMOP

**Supporting Programme**

- EUREKA
Convergence of fixed & mobile: anytime-anywhere via a variety of devices
Access-independent framework for delivering IP-based multimedia services
Faster and easier deployment of new services
Layered architecture reducing operational and development costs

User:
- Connected living environment
- Safety (Elderly and disabled people)
- Life style (young people)
- Comfort and convenience
- Central and easy access to the whole system
- Unified Messaging and use of VoIP at home

Service Provider:
- Possibilities for new services development by utilization of the framework for home domain
**Smart Home Knowledge Server**
- Manages access-control & system functions
- User profiles and device information
- Open platform for 3rd parties
- Statistics and Logging

**User Application**
- Easy to use for all
- Plug and Play
- Runs on various user equipment

**SIP extensions**
- SIP add-ons in residential gateway
- Call handover from GSM to WLAN in home domain
- Intelligent call forwarding

**Project Outputs**
Experience of Done in EUREKA Programme

- Experience in joint-value creation with international partners
- Working in Cutting Edge technologies
- Keeping and protecting core competency
- Commercial risks reduced
- Social Capital