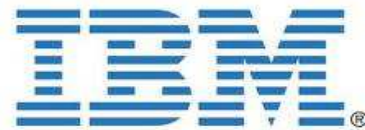


SMART

Search engine for MultimediaA enviRonment generated contenT

Duration: 36 months
Project Coordinator: Paul Moore
(paul.moore@atosresearch.eu)



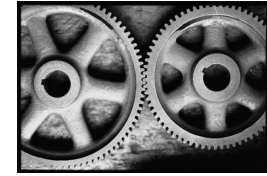
Your business technologists. **Powering progress**



SMART Consortium

- ATOS Origin (Industry), Spain
- Research and Education Laboratory in Information Technologies - Athens Information Technology , (Research), Greece
- IBM Haifa Research Lab, (Industry), Israel
- Imperial College London, (Research), UK
- Consorzio S3LOG, (Industry), Italy
- TELESTO Technologies Ltd. (SME), Greece
- University of Glasgow, (Research), UK
- Prisa Digital, (End User / Industry), Spain
- Ayuntamiento de Santander (The City of Santander), (End User / Public Sector), Spain

Smart

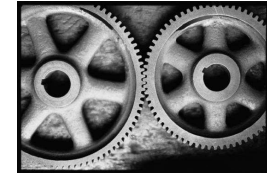


Search engine for Multimedia environment generated content

- The Motivation:
 - Proliferation of «Participatory Sensing» Services
 - Wave of Crowd-Sourcing Applications
 - No easy way to search/consume multimedia data
- **Scalable open source next generation multimedia search engine** that will be able to search information stemming from the physical (“Smart”) world

**Combine A/V Sensor Information with Social Networking Information
In Real time!!!**

Smart



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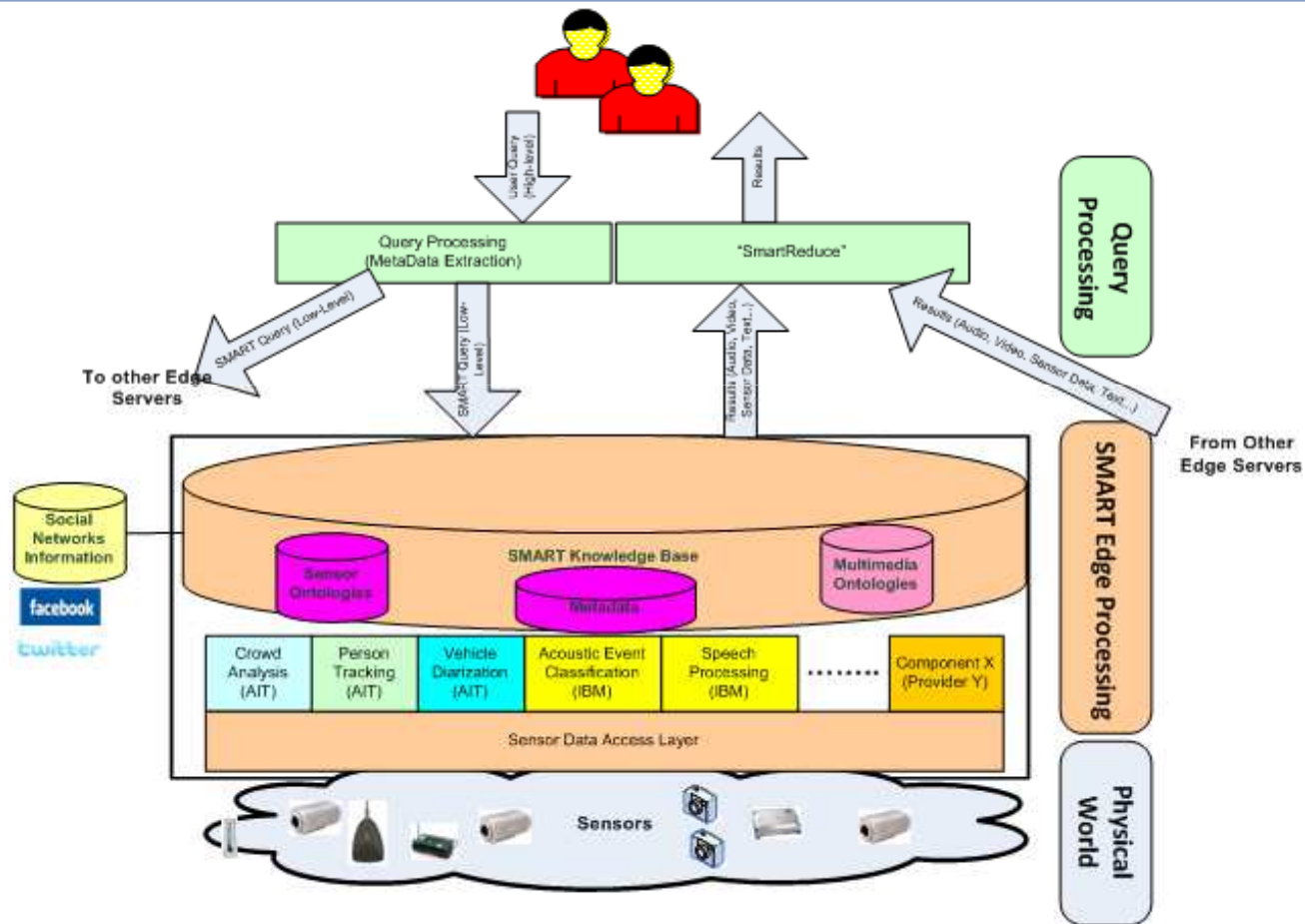
Smart

Validating Use Cases



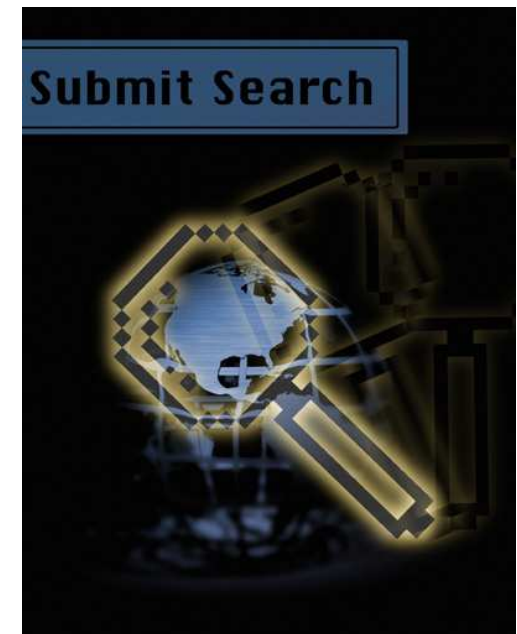
- Live News:
 - On-line live news broadcast information on the basis of A/V streams
 - Dynamic News (SMART) vs. Human Mediated (legacy)
 - Real-Time Wiki encompassing SMART Queries
 - Which places are crowded? What are the City Trends?
- Security/Surveillance
 - On-line search for security/intelligence information
 - Searching within multimedia streams

SMART Search Engine Components



Protecting the Privacy of Members of the Public

- ❑ Information Stored in a database
 - ❑ Very controlled and authorized Access
- ❑ Blurring accidentally captured information
 - ❑ Before the information is made public
 - ❑ E.g., «vehicle plates»
- ❑ The need to notify bystanders of public and private spaces employed in all data collections and testing of the monitoring system



Thanks

For more information please
contact:

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The Atos logo consists of the word "Atos" in a bold, blue, sans-serif font. The letter 'o' is stylized with a white dot in the center, and the letter 's' has a white dot at the end of its tail.