



APIDIS overview

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Partners

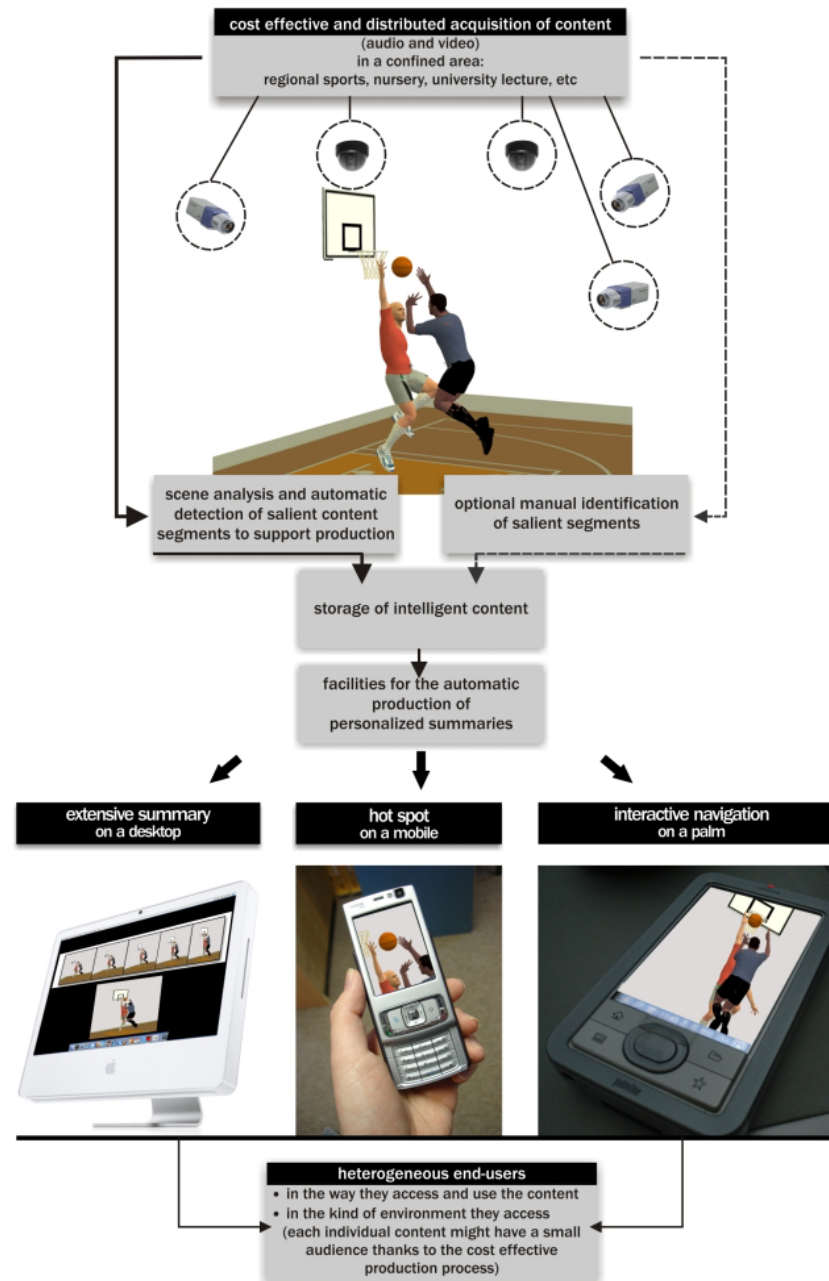
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|--|-------------|
| ○ Université catholique de Louvain, | Belgium |
| ○ Queen Mary University London, | UK |
| ○ Ecole Polytechnique Federale de Lausanne, | Switzerland |
| ○ Fundació Barcelona Media Universitat Pompeu Fabra, | Spain |
| ○ ACIC, | Belgium |
| ○ Mediapro, | Spain |

APIDIS vision & goal

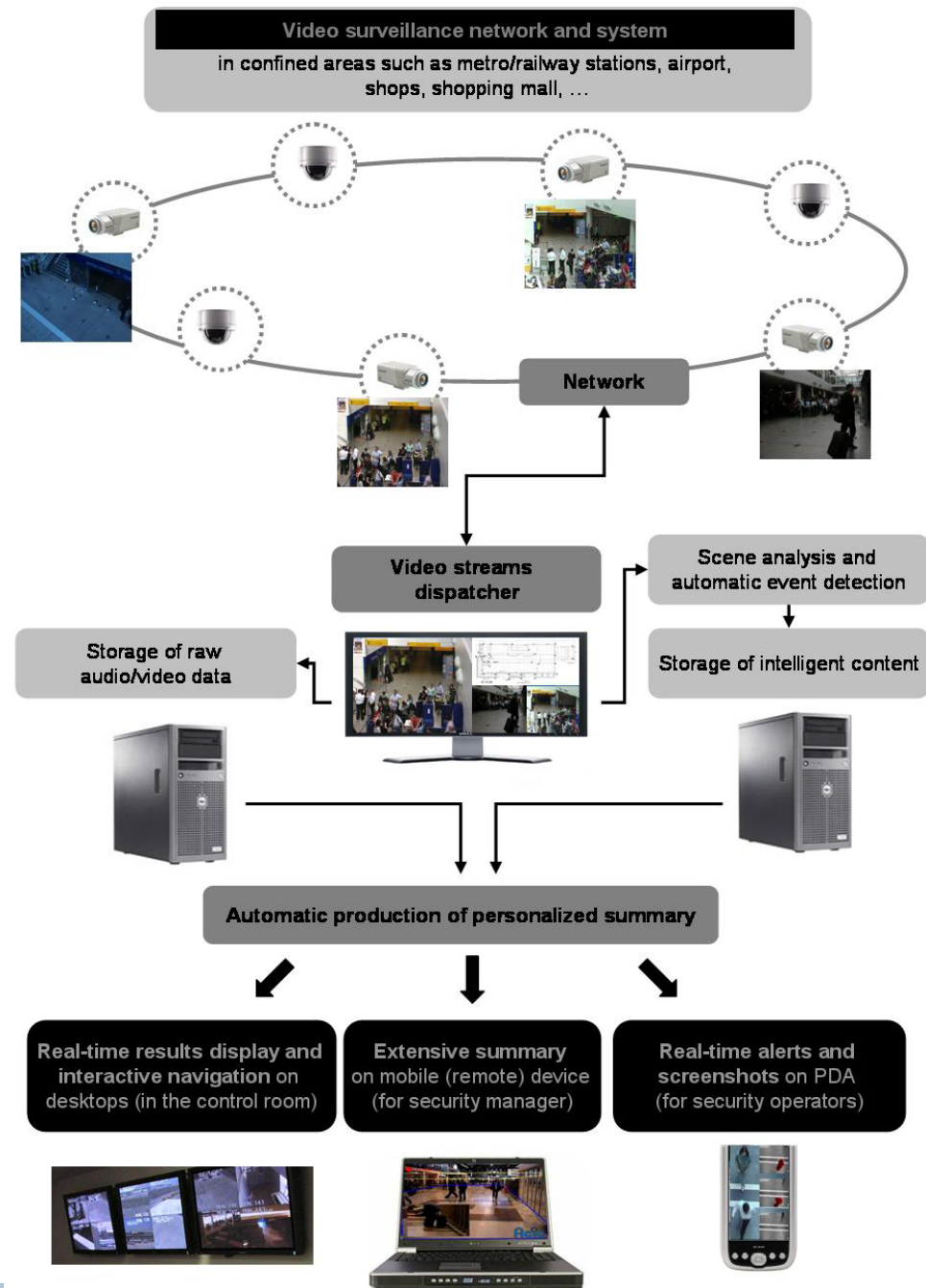
- Cost-efficient, and high resolution sensors.
- Diversity and personalization of media access.
→ Need to link content acquisition and content consumers.

- APIDIS objectives:
 - Autonomous acquisition and production of content.
 - Personalized summarization of events.
 - Interactive browsing/remixing solutions.

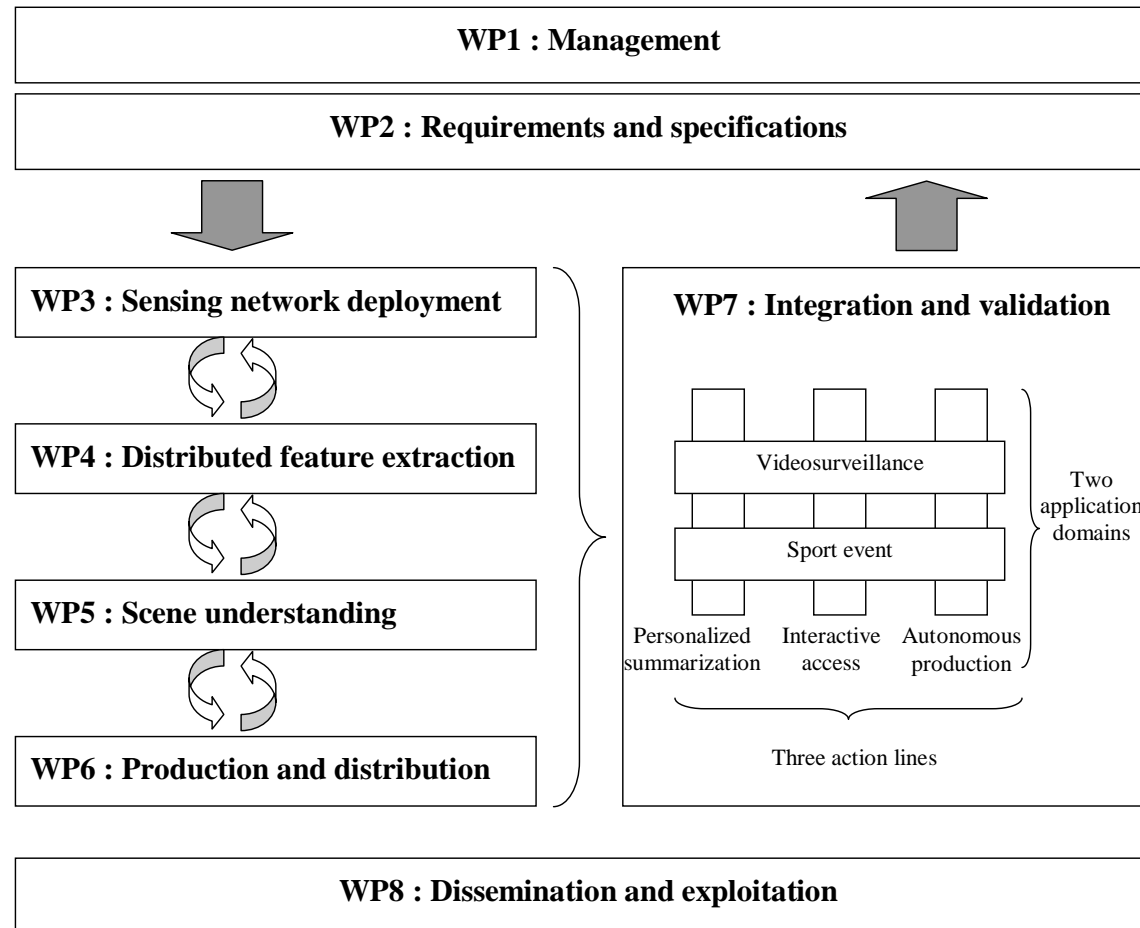
APIDIS vision & goal



APIDIS vision & goal



WP structure



Proof of concept trials

- Automatic and personalized summarization of a video sequence, knowing salient segments.
- Generation of high resolution images in any viewing direction based on an array of omniscams.
- Distributed feature extraction and analysis for camera view selection.

Final demos

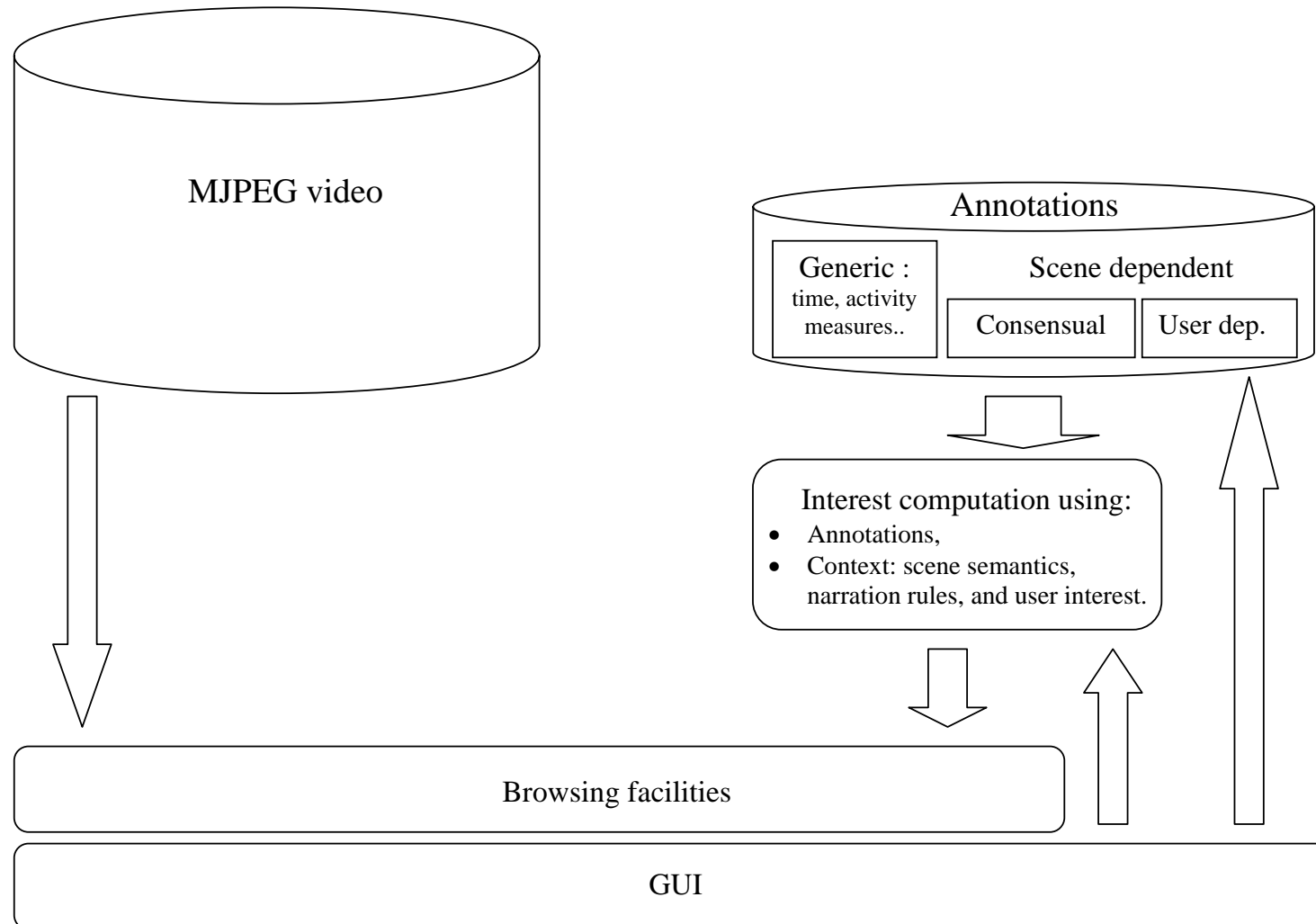
- Sharing and remixing of content through intelligent browsing of manually pre-annotated content
 - for a production room,
 - using raw initial content exploited by local TV.

- Interactive and semantically-driven access to video surveillance content
 - for operator or control rooms,
 - using indoor/outdoor site surveillance content.

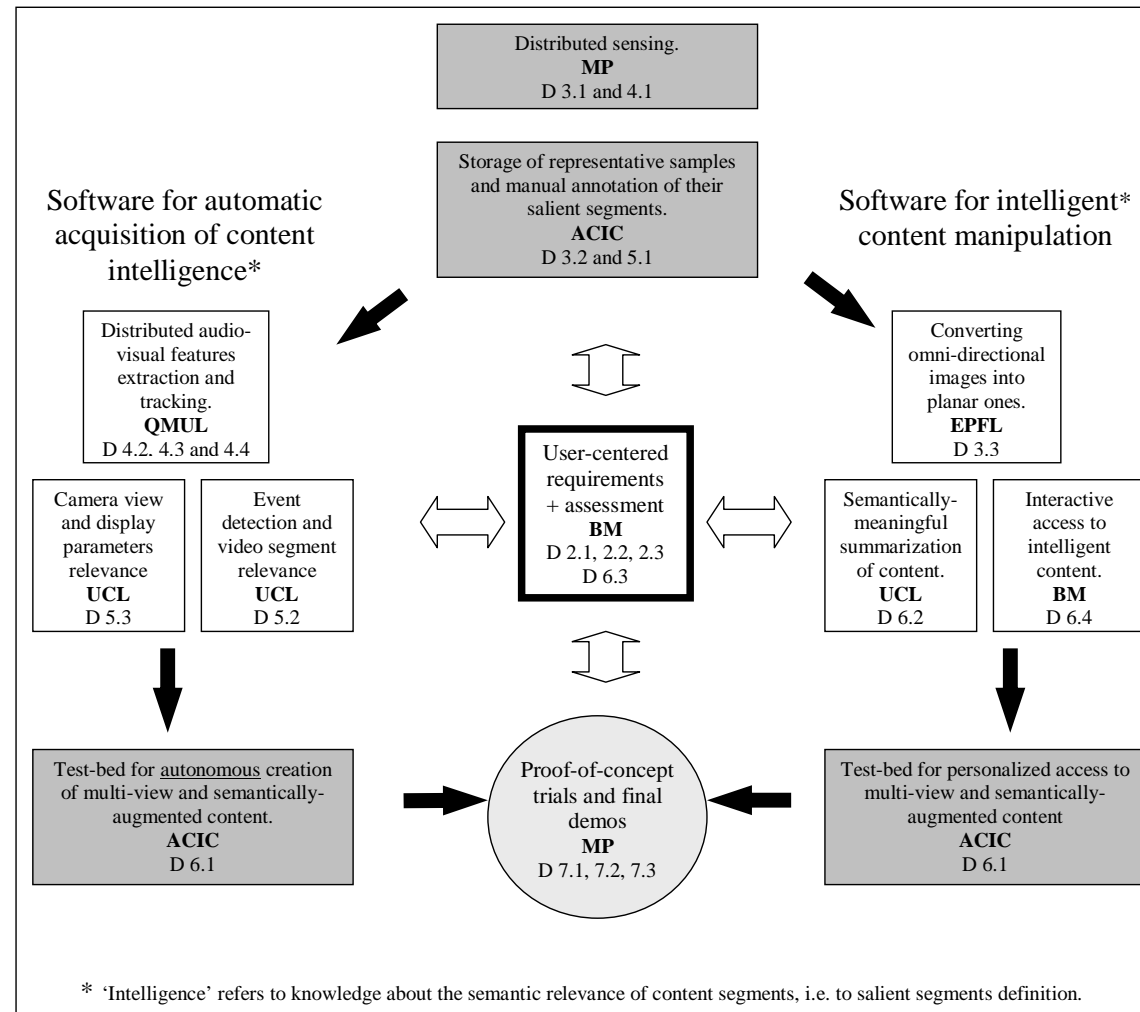
- Automatic generation of personalized summaries of content captured by distributed sensors
 - for Internet portals,
 - using autonomous distributed sensing.

Surveillance & Production room automatic summarization

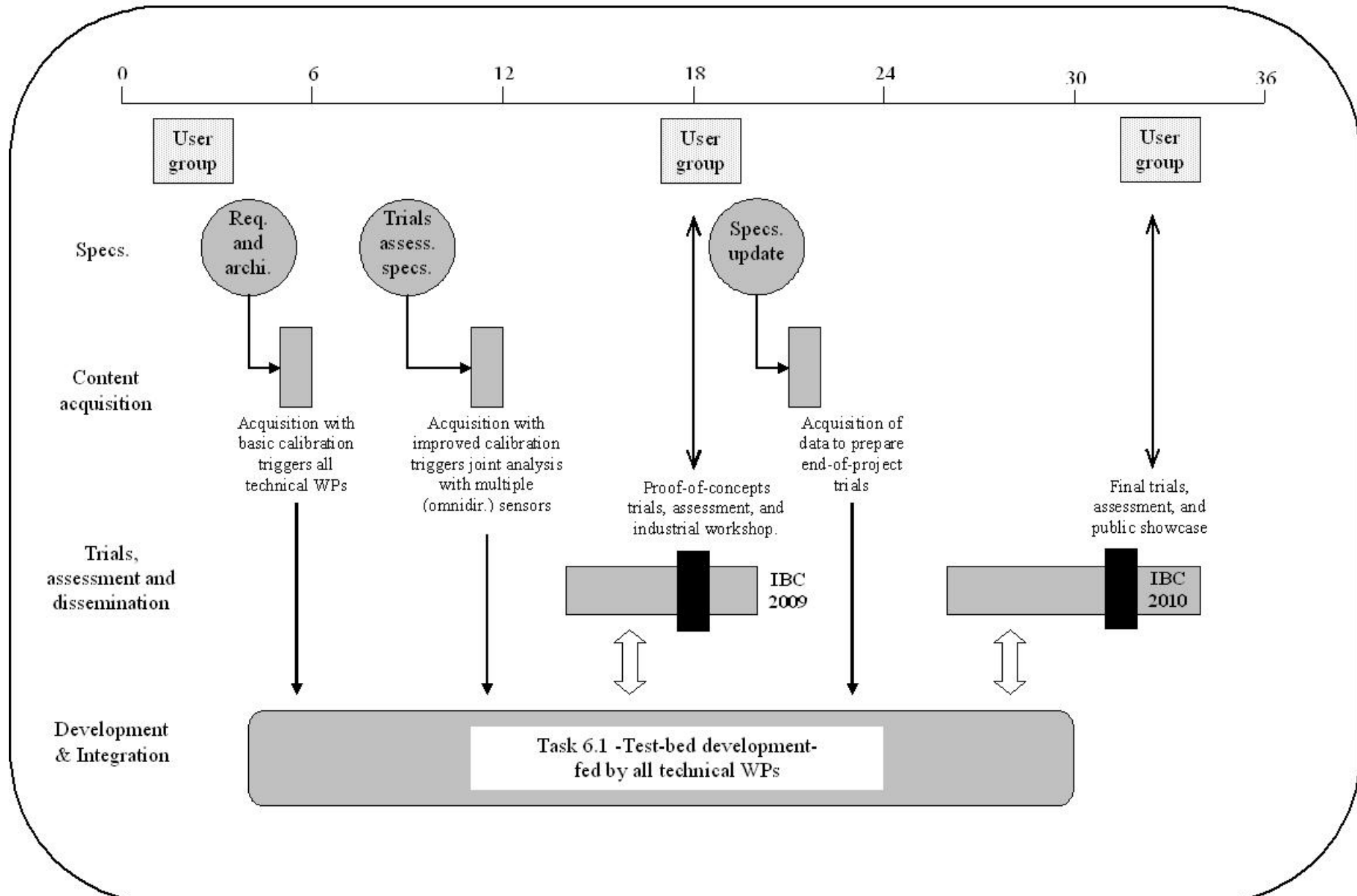
Test-bed architecture



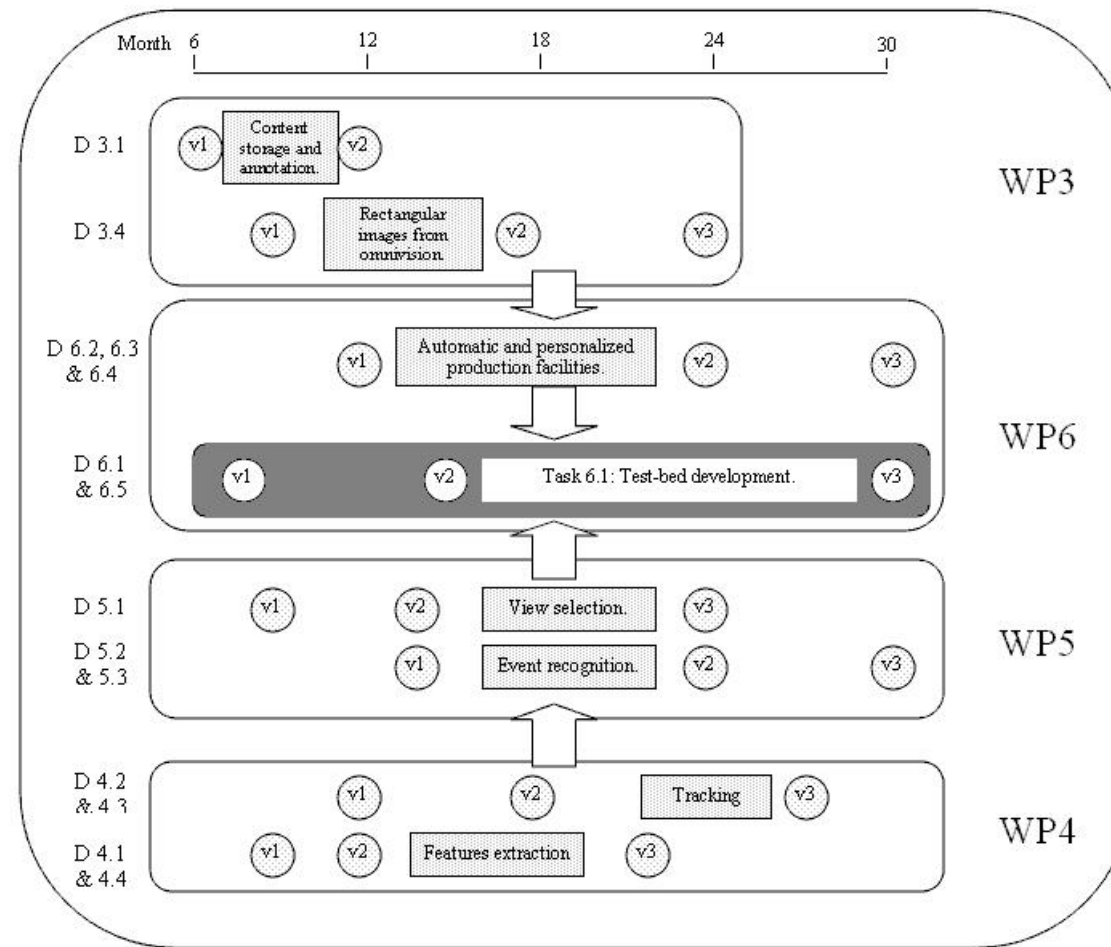
Role of partners



Time table



Test-bed incremental development



Short term objectives

- Management: project handbook, dissemination, IPR rules.
- User group consultation: requirements and production rules.
- User cases and corresponding architecture.
- Content acquisition and storage.
- Development environment: release of test-bed v1.