

ARDA Information Exploitation R&D Program

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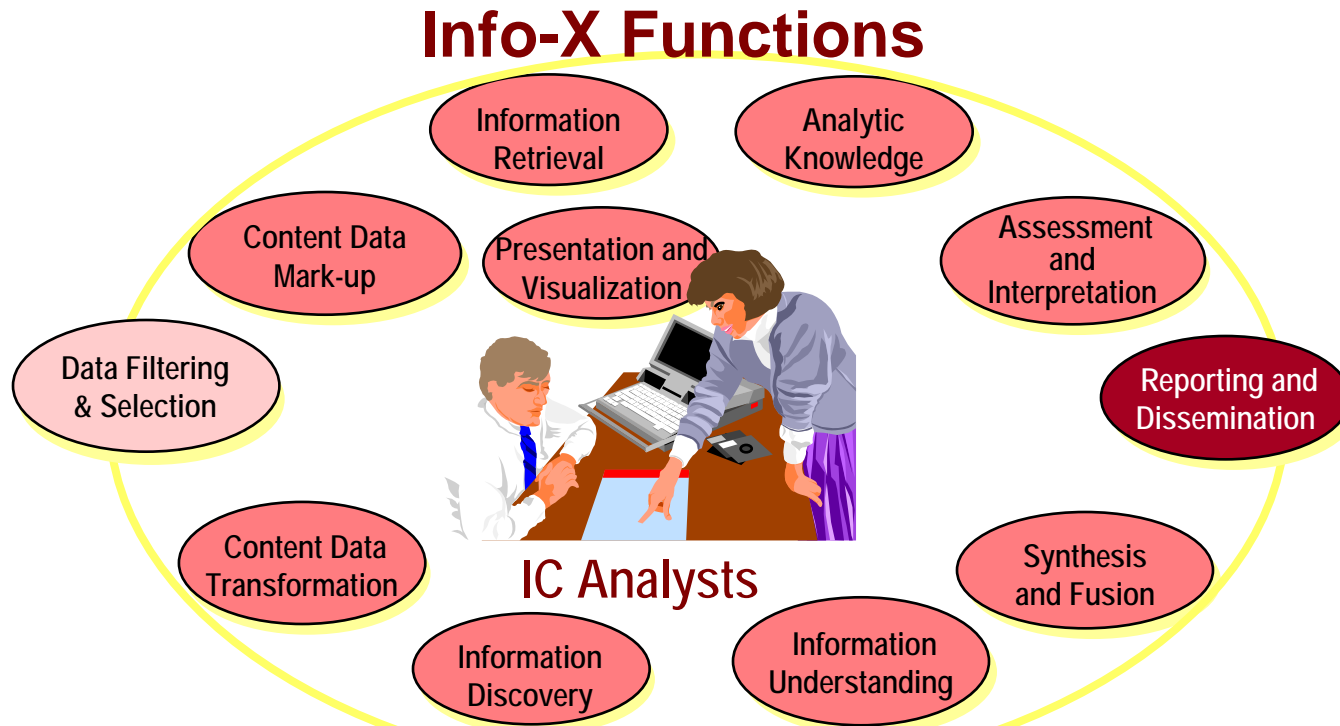
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Problem

- **Finding and understanding relevant data in massive repositories is a challenge.**
 - **Analysts have access to large repositories of data**
 - **Raw and semi-structured**
 - **Multiple media types**
 - **Many human languages**
 - **Geospatial and abstract data**
 - **Analysts need advanced tools**

Background



Info-X focuses on informational content & its meaning and on enhancing the IC analyst's interaction with these Info-X functions.

Objective

- **Promote and facilitate transition of Info-X research to the Intelligence Community (IC)**
 - **Assess readiness of research artifacts for migration out of research labs**
 - **Demonstrate software for IC: planning, realization, ongoing improvement**
 - **Provide technical consulting and support for Info-X R&D programs**

Activities

- **AQUAINT**

- **Advanced Question Answering for Intelligence**

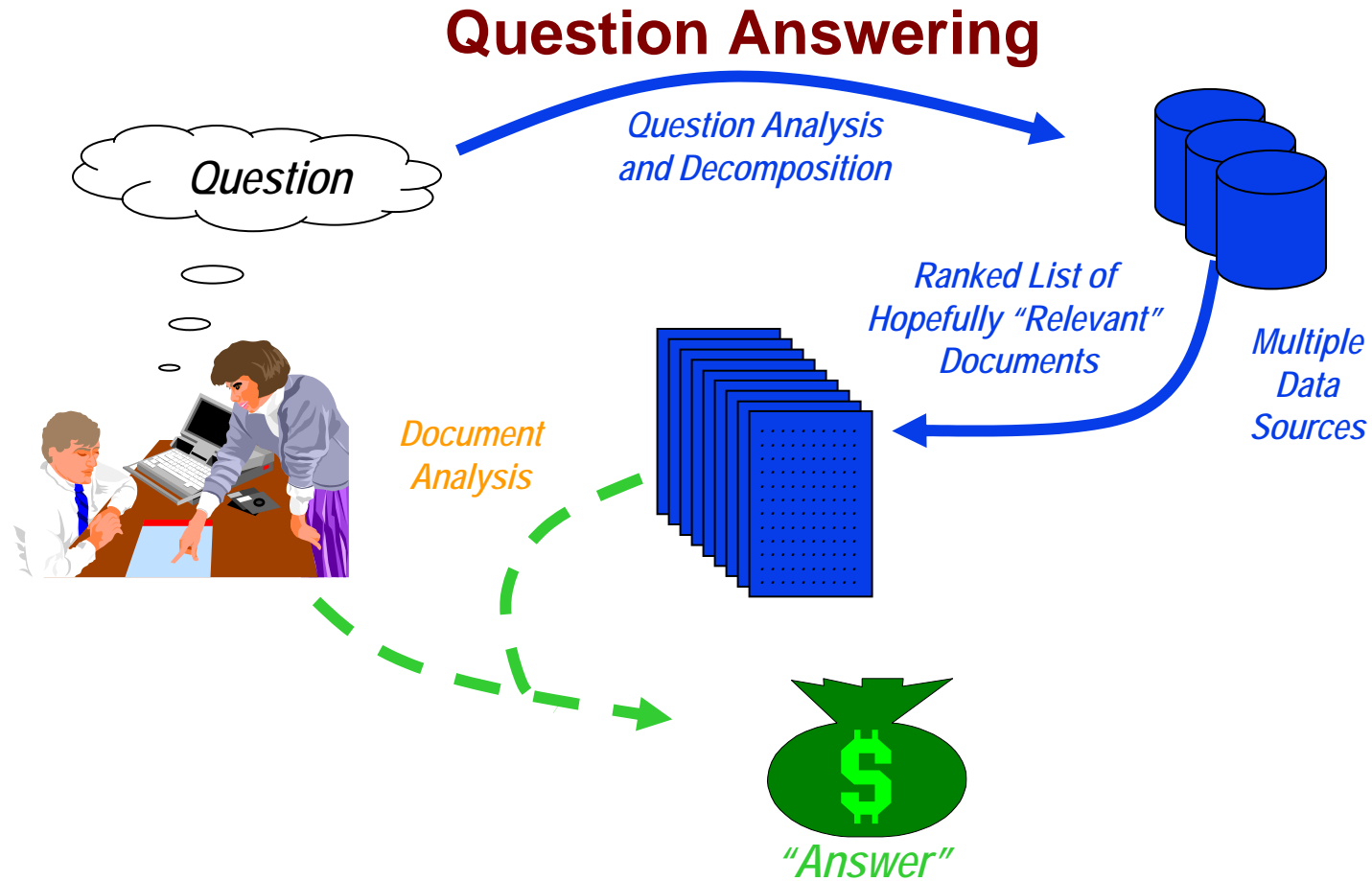
- **VACE**

- **Video Analysis and Content Extraction**

- **GI2Vis**

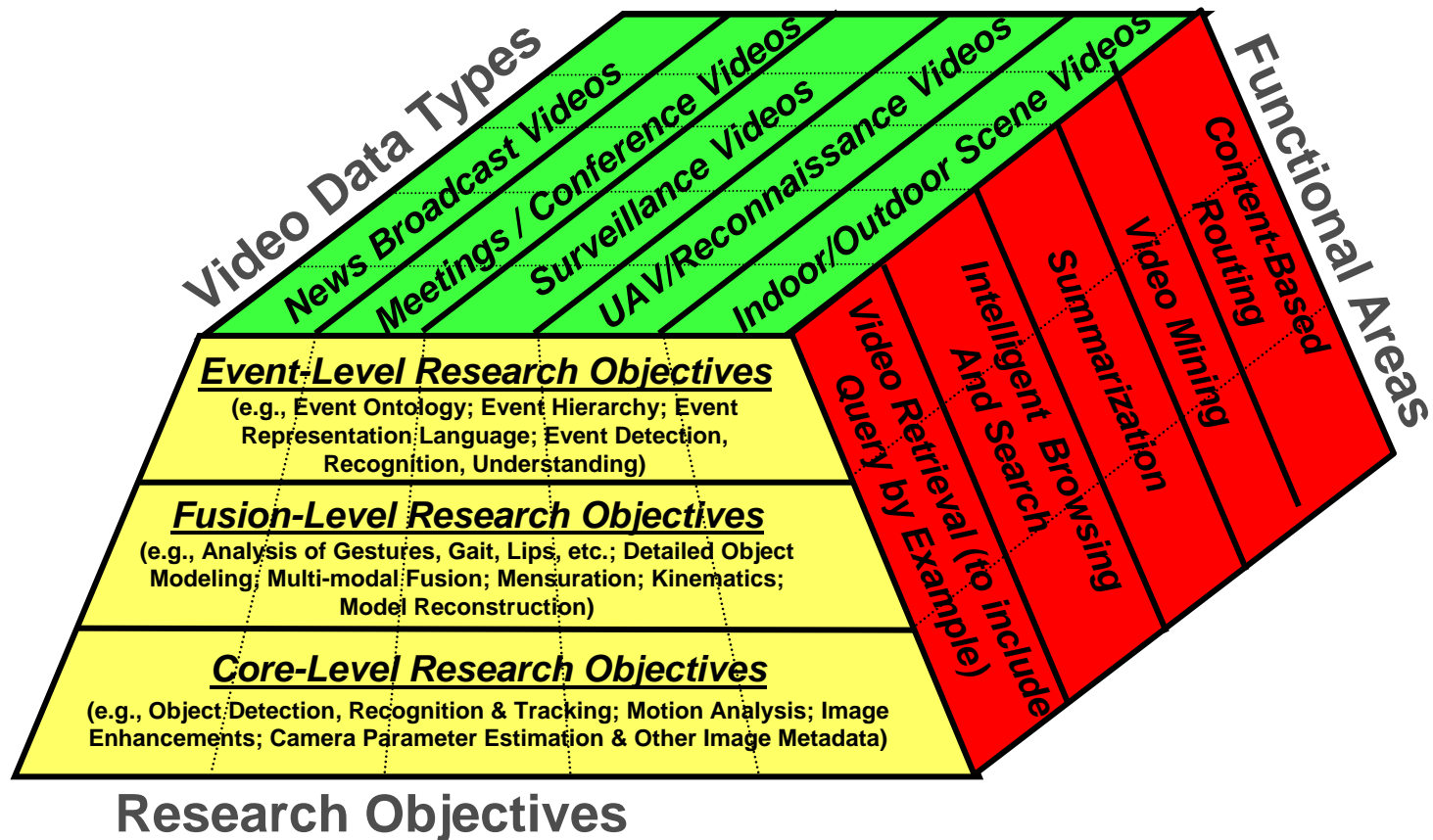
- **Geospatial Intelligence Information Visualization**

Highlight



Highlight

Video Analysis



Impacts

- **Significantly advanced state of the art in:**
 - **Advanced question answering**
 - **Video analysis**
 - **Geospatial visualization**
- **Emergence of advanced analytic tools for information exploitation**

Future Plans

