

# MOVIA™

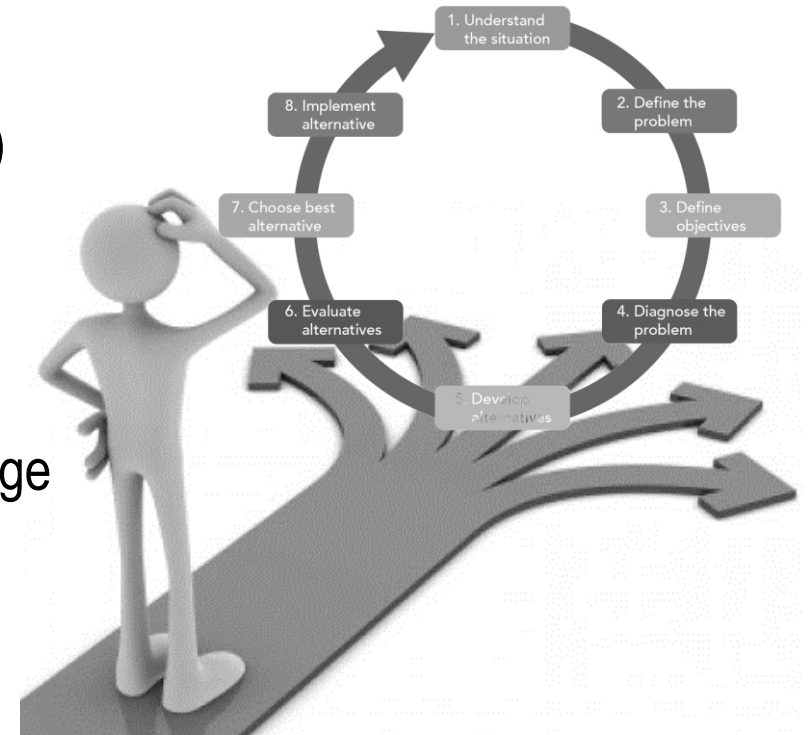
## CAPABILITIES BRIEF

September 1, 2020

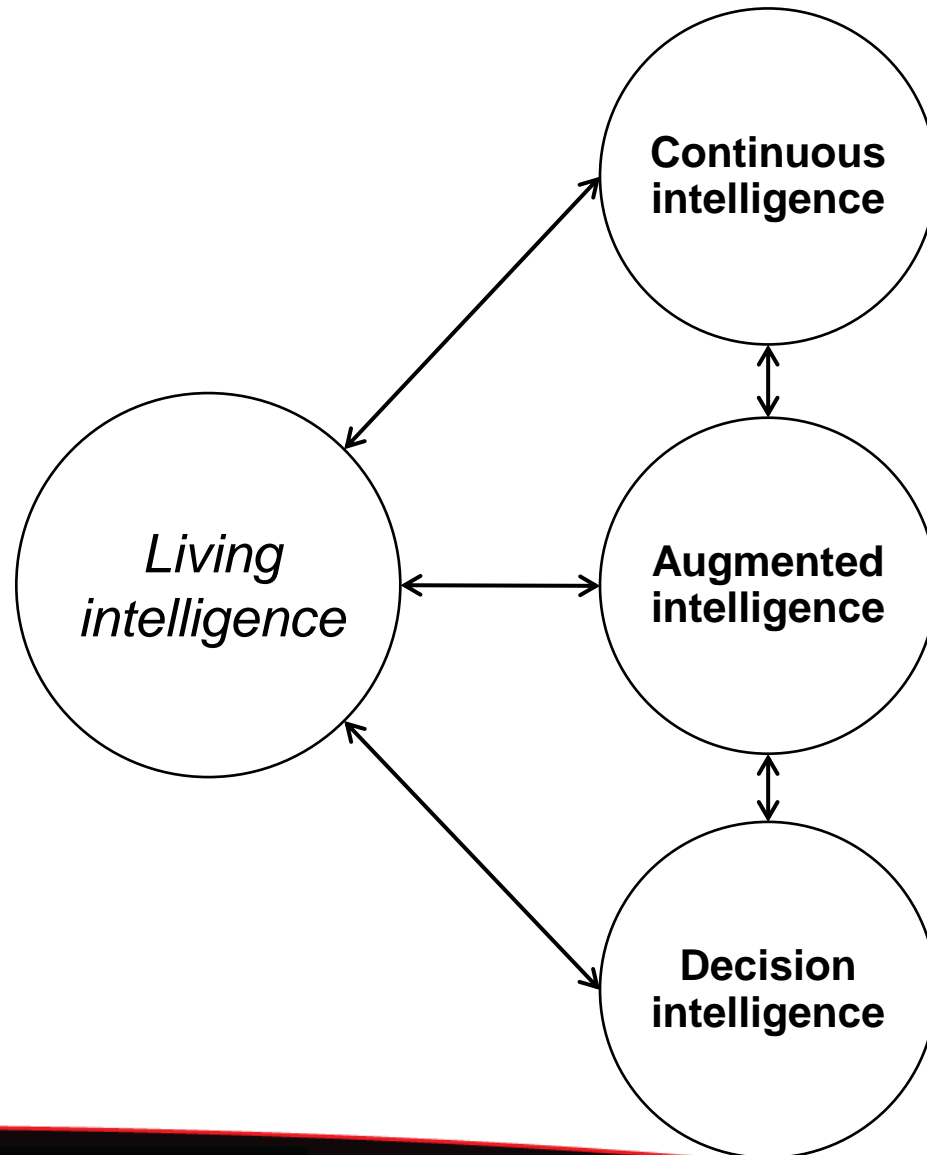


# CHALLENGES

- Inefficient and Ineffective Decision-Making Impacts Mission / Business Performance
  - Movia improves the decision-making process (quality and efficiency) by 3X on average
- Lack of Innovation Impacts Mission / Business Performance
  - Movia improves innovation process for competitive advantage delivering innovative concepts 2X faster and ½ of the cost, on average
- Several Secondary Issues that Exacerbate Challenges
  - Too much time searching for data
  - Perceived need for more “analysts”
  - Cost of existing systems



# LIVING INTELLIGENCE: MOVIA UNIQUE APPROACH



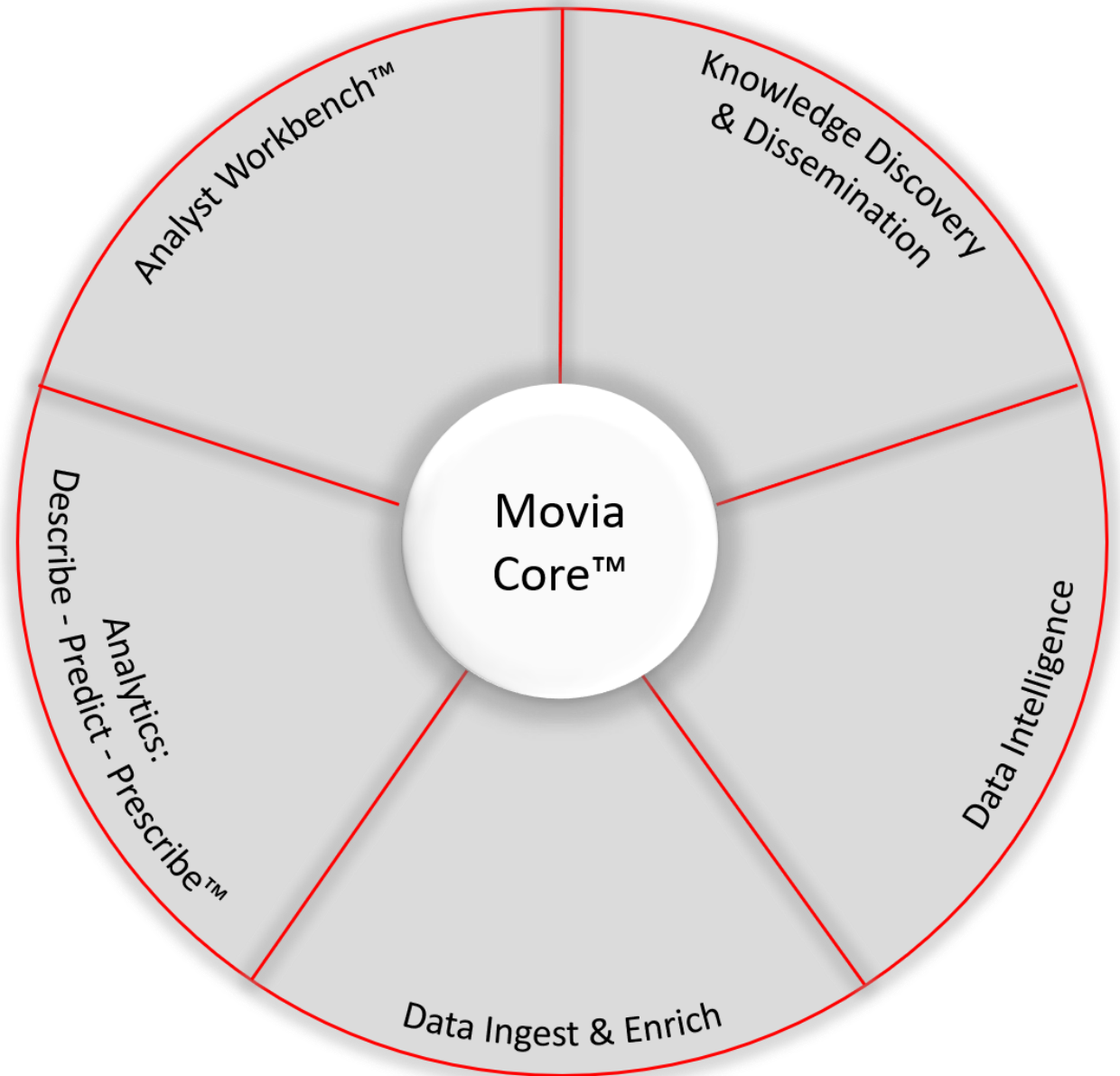
- Data ingest, enrichment, and integration
- Descriptive, predictive, prescriptive analytics
- Performance measurement and management
- Complex systems behavior

- Error avoidance
- Motivation
- Expert judgment
- Artificial intelligence/machine learning
- Resource utilization improvement

- Multi-criteria decision making
- Group decision making
- Decision modeling
- Modeling and simulation

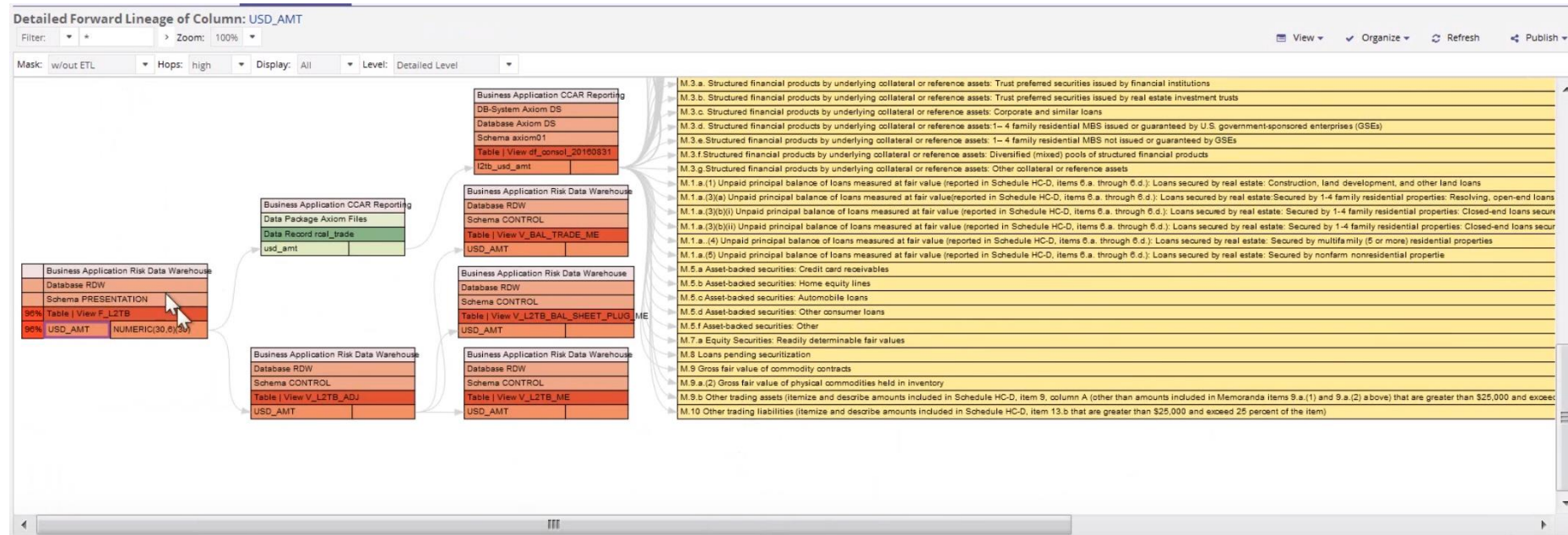
# MOVIA™ OVERVIEW

- Movia™ is a pluggable software suite that delivers “Living Intelligence” to our customers to enable them to make smarter decisions
- Five core sets of capabilities aligned via a “Core” set of standards and integrated capabilities
- Data Intelligence (Powered by ASG) provides market-leading data lineage for legacy data sources
- Data Ingest & Enrich™ bridges legacy data to advanced analytics and data science
- Analytics™ provides pluggable analytics framework
- Analyst Workbench™ provides collaborative user interface for human analysis
- Knowledge Discovery & Dissemination™ enables users to find the intelligence they need for decision-making
- Core™ provides core capabilities (content management, workflow) needed by components



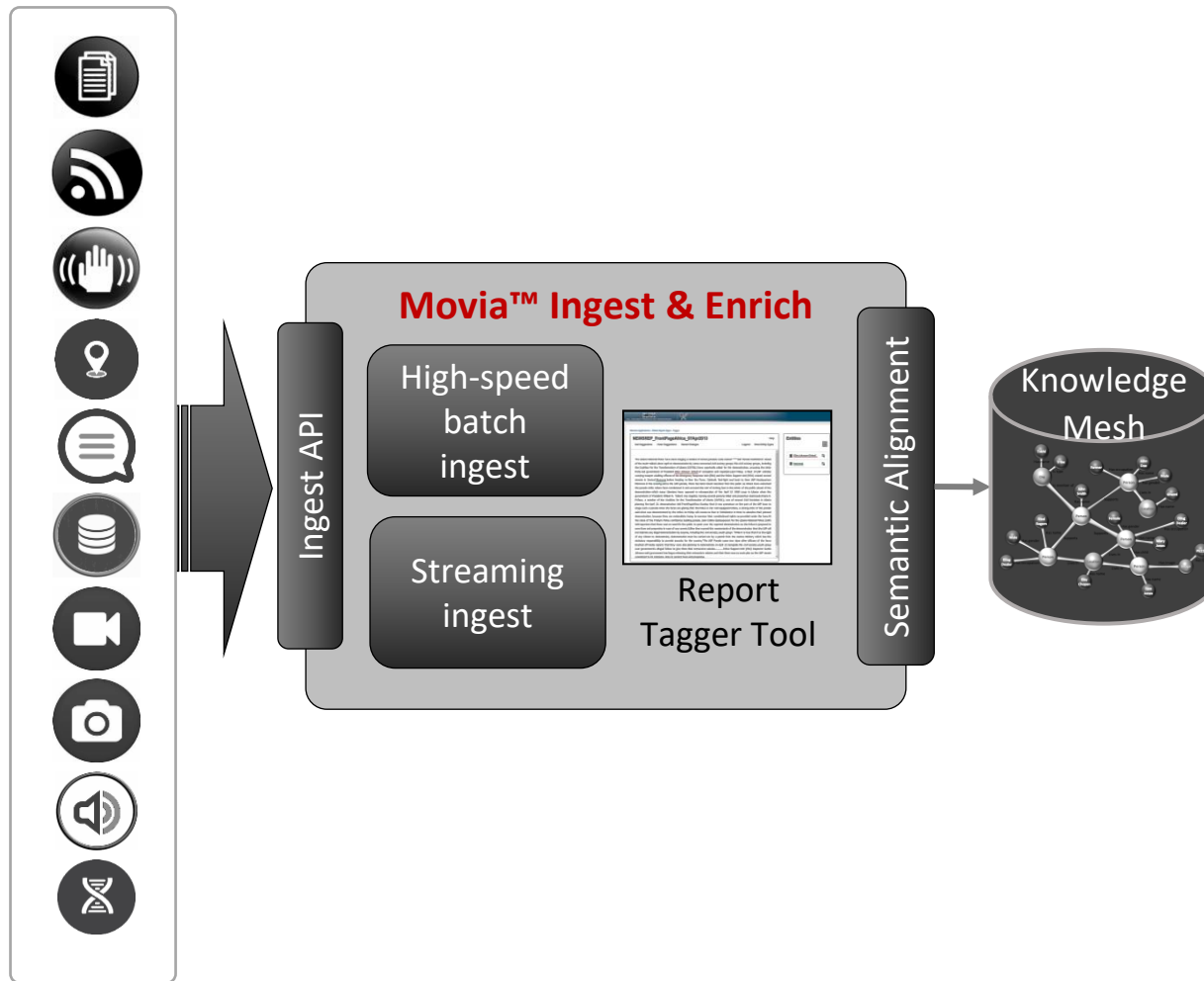


# MOVIA DATA INTELLIGENCE™ POWERED BY ASG



- Market-leading capability
  - Perennial Gartner MQ leader
- Over 140 data source types supported
- Captures data lineage from legacy sources with the IT fabric
- Easy to use
  - Enables quick discovery and value
- End-to-end mapping from BI reports to original data source and applications that modified

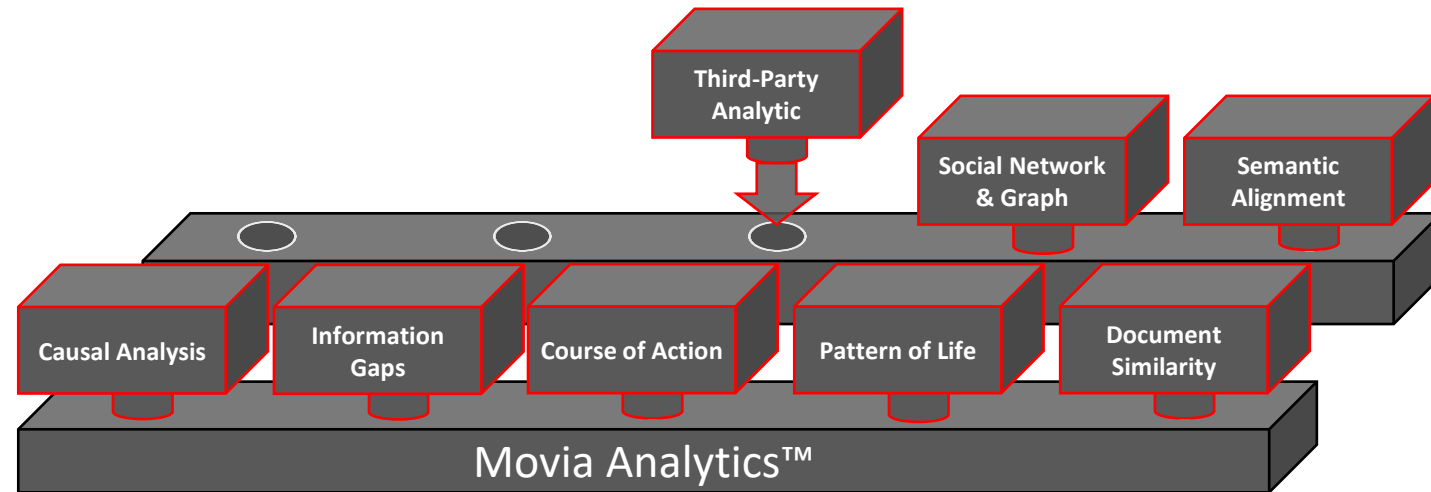
# MOVIA™ DATA INGEST & ENRICH



- Ingest batch and streaming data sources
- Structured and unstructured data
  - Even scanning and OCl of paper
- Document ingest keeps document structure
  - Supports document classification markings
- Enrichment:
  - Standard data transformation and cleansing
  - Entity correlation and fusion
    - Time and space
    - Entity patterns
    - Human-in-the-loop
  - Machine analytics
  - Semantic Alignment
- Standards-based graph repository
- Designed to interoperate with other analytics and BI tools

# MOVIA ANALYTICS™

- Pluggable analytics framework
  - Several analytics available out-of-box
  - Can integrate others with API
- Simplifies analytics complexity by focusing on use of analytics
  - Describe: Present information about historical and current data, including cause and effect
  - Predict: Estimate future state
  - Prescribe: Recommend one or more course(s) of action
- Interfaces:
  - Analytics configuration
  - Results with “what-if”
  - OData, JSON, and other outputs
  - API (Java, Scala, and others)



# MOVIA ANALYST WORKBENCH

## ETF Workspace

Electronic Target Folder: Target 001 (Underground Naval Base)

Last modified by Administrator on 2015/07/07 11:45

### Live Report

117A during the mid 1980s, tasked in a large part with crippling key command posts in an opposing IADS, Western defense penetration and IADS suppression strategies were essentially a sophisticated but linear evolution of techniques first pioneered during the 1940s Combined Bomber Offensive over Germany.

(C) During that period the RAF and USAAF first employed standoff jamming and escort jamming aircraft, but also employed low altitude penetration below radar coverage on numerous critical bombing raids. The British pioneered the model of Suppression/Destruction of Enemy Air Defenses (SEAD/DEAD) flying rocket and gun armed Typhoon fighters against Luftwaffe search and acquisition radars. It is also significant that the Germans pioneered the Surface to Air Missile (SAM) with their Wasserfall and Rheintochter designs, neither of which achieved operational status, but...

war [6],[7].

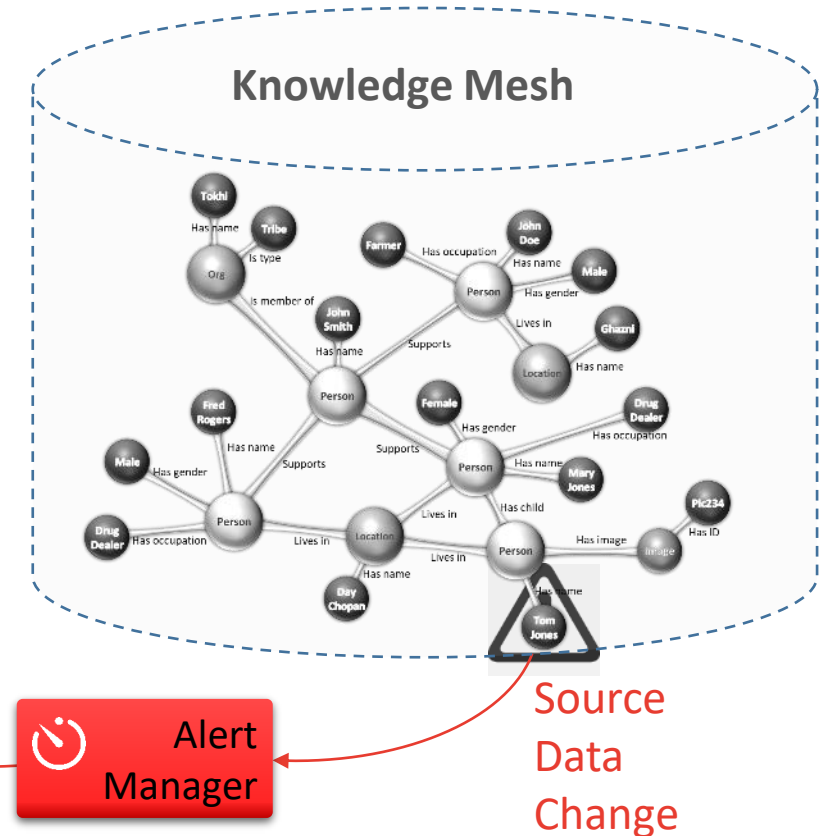
(U) The protracted Vietnam conflict pro... SAMen masseto defend North Vietnam... and anti-radiation missile firing EF-105... 111A which used automatic terrain follow... (U) While opinions and assessments... clear is that the combination of jamming and lethal attacks against missile batteries and supporting radars worked, to the extent that

#### Analyst Collaboration

	Sort
1/15/18 8:04 PM	cmdr
Please insert a source to back this fact up.	
1/15/18 10:05 PM	mgil
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Imagery Associated with

Imagery	Image
1	
2	
3	





# MOVIA KNOWLEDGE DISCOVERY & DISSEMINATION

- Users discover knowledge
  - Web-based query tool
  - Metadata-based search tool
- Notifications of alerts
- Live reports export to content management
- Metadata-based search & export:
  - Industry standard format
  - Custom format
    - For DCGS Enterprise, we use DDMS



# MOVIA OVERVIEW

