



Southwest Research Institute

- Primary Research Team Members:
 - Dr. Thomas Glass (Computer Science)
 - Dr. Denise Varner (Psychology)
 - Dr. Doretta Gordon (Instructional Systems)
 - Dr. Robert Mason (Statistics)



Relevant Research Areas

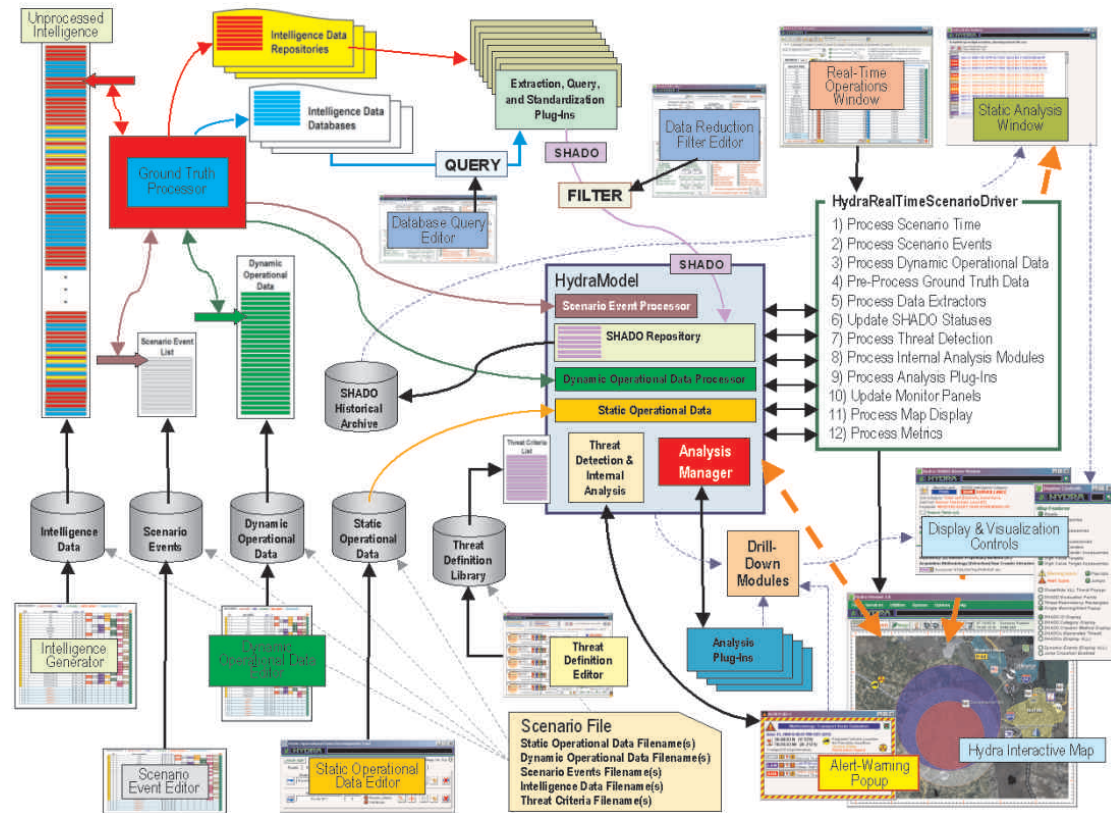
- Data Fusion of Heterogeneous High Volume Data
- Real-time Visualization
- Threat Detection and Alerting

The image displays the HYDRA software interface, which is used for threat detection and alerting. The main window shows a map with various threat zones overlaid, including areas labeled 'P-11', 'P-22', and 'S-17'. Below the map, there is a 'Hydra: Threat Definition Editor' window with several 'Refined Threat Zone' entries, each with a category, sub-text, and keywords. A 'Hydra: SHADO Viewer Window' is also visible, showing a list of threats with details such as 'Alert ID: 5', 'Methodology: Generic Map Scanning', and 'June 20, 2008 3:25:45 AM CDT (1169)'. The alert window also displays a list of threat categories: 'Unusual Travel Purchases or Activities', 'Law Enforcement Events (Investigation Results)', and 'Overt Weapons Events'. The interface includes various controls for threat definition, such as 'Add Threat Definition', 'Redundancy Radius', and 'Cycle Rate/Offset'.



Qualifications & Experience

- Data Visualization
- Data Characterization and Translation
- Modeling and Simulation





Seeking Specialists In

- Natural Language Processing
- Data Sources and Access
- Intelligence Analysis Processes



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