

# Information Visualization Software

-A system for managing resource access control policies

## Market Need

Information security must be assured as sharing information becomes more prevalent and more flexible in multi-national and multi-organizational environments. Complex digital access control policies and rules can be difficult to author, analyze, update, approve and reverse-engineer. Management of the policies, rules and their interactions can become intractable and overwhelming to human administrators. There is a need to improve comprehension of access control policies and conflict resolution.

## APL Solution

JHU/APL has developed a prototype application to visualize resource access requests based on a rule-based access control model.

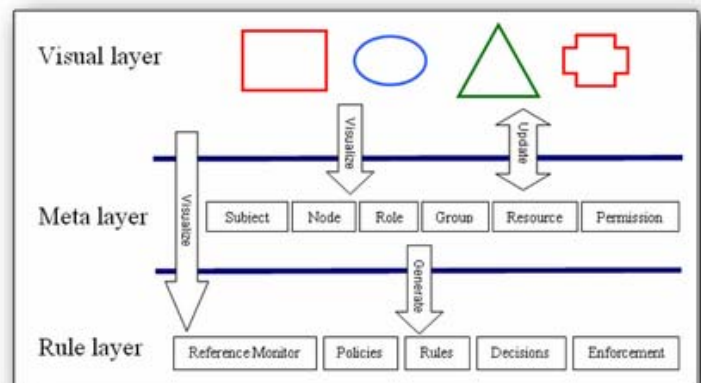
## Commercial Applications

Our technology is relevant to many industries where information security is required and there exists different access control policies.

- Government and military
- Medical
- Financial
- Legal
- Entertainment

## Benefits of Information Visualization Software

- **Useful anywhere control access is required**
  - Networks, virtual networks
  - Web sites, portals, web services, messaging
  - Databases, directories, other repositories
- **Useful to different stakeholders**
  - Network, repository, mission owners
  - System support personnel
  - System Certifiers
  - System and Network Accreditors



Office of Technology Transfer

# APL

The Johns Hopkins University  
APPLIED PHYSICS LABORATORY

## Technology Status

Prototype

## Intellectual Property

Copyright Protection

## Availability

This technology is currently available for licensing.

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