

Secure Decisions VIAssist™ is a visual analysis platform to help network security analysts protect their networks.



**VIAssist™**  
**Visual Assistant for  
Information Assurance**

### The Need

Identify and confirm threats to your network

Make sense of massive volumes of network security data

Filter and highlight only the data that is needed to perform the right analysis

See patterns in complex data

Maintain analytical workflow and continuity of analysis

Reduce reporting burden and increase reporting effectiveness

Enable collaboration by sharing findings and conclusions with colleagues

### The Solution

VIAssist is a visual analysis platform to help network security analysts protect their networks. It provides visual tools for the evaluation of network flow and security data.

VIAssist presents multiple, coordinated views – highlighted or filtered data in one view is reflected in all other views – to provide different visual perspectives of the data. These views transform network data into a collection of interactive visualizations that make it easier to analyze data, to see patterns and trends, and to identify risks and actionable information.

VIAssist's collaboration and reporting tools make it easier for analysts to share information with each other and VIAssist's rich tool set provides analysts with

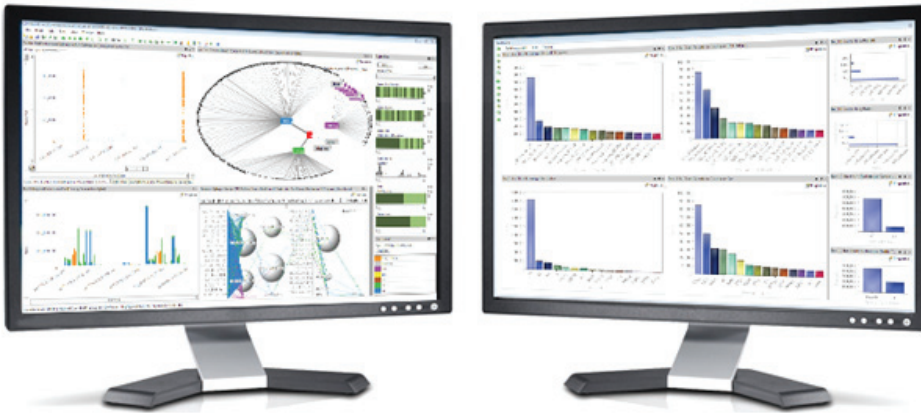
continuity and the ability to easily collaborate using data annotations.

Analysts can hone in on and review specific data of interest using our new Visual Query Builder, and quickly generate reports using the advanced template-driven report builder.

VIAssist's Smart Aggregation technology presents meaningful visual results regardless of the volume of data being analyzed.

Dashboard views provide high-level situational awareness and a richer understanding of network activity.

Analysts can filter visualizations based on personal and organizational "Hot IP" lists.



**VIAssist was selected as one of the top performing technical solutions used in a recent military exercise**

### Key Features

Big picture overview, and dashboards

Geo-location views

Drill-down for detailed views

Built-in reporting and presentation tools

Multiple coordinated views of data

Advanced filters highlight suspicious behavior

Smart Data Aggregation of voluminous data

Advanced Visual Query Builder

Enhanced collaboration



Secure Decisions, a division of Applied Visions Inc., performs cyber security research and develops software products for government and commercial customers

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## Uses

Escalation & Reporting  
 External Threat Detection  
 Correlation Analysis  
 Incident Response  
 Insider Threat Detection  
 Incident Triage  
 Intelligence Analysis  
 Deep-dive Analysis  
 Forensic Investigations

Questions that VIAssist helps answer:

- ✓ What are my organization's most active ports and who is using them?
- ✓ What are my organization's most active network assets?
- ✓ Are these network assets on my "Hot List"? Are they known?
- ✓ What network assets are exfiltrating data out of my organization?
- ✓ What assets are importing data from outside the boundaries of my network?
- ✓ What countries are receiving data from my network?
- ✓ What external IP addresses have sent data to multiple network assets?
- ✓ Is this incident part of a larger attack on my organization's networks?

## System Specifications

### Data sources

VIAssist interfaces with most databases that offer .NET drivers, including Oracle, Microsoft SQL Server, and many others

### Minimum Client Hardware

1.5 GHz CPU, 2GB RAM, Ethernet adaptor

### Client Platform

Windows 7 / Vista / XP Pro SP2, SP3

## About VIAssist

VIAssist was first developed under IARPA/DTO Contract F30602-03-C-0260, with additional funding from NSA. Also funded under DHS BAA07-09 Cyber Security Research & Development contract FA8750-08-C-0140.

## Users

CISOs and Commanders  
 Network Administrators  
 Correlation & Threat Analysts  
 Incident Response Teams  
 Forensic Investigators  
 Vulnerability Assessors

With VIAssist, users can benefit from the advanced visual query builder, providing the ability to visually create complex queries to select only the data of interest from the database.

Drill down capability allows users to visually evaluate detailed relationships, helping to improve network security posture, assist in forensic investigations, and perform predictive threat analysis.

## Key Benefits

**Labor saving** Rapid analysis of network activity enhances situational awareness

**Enhanced threat detection** Identify hard-to-see patterns in voluminous data

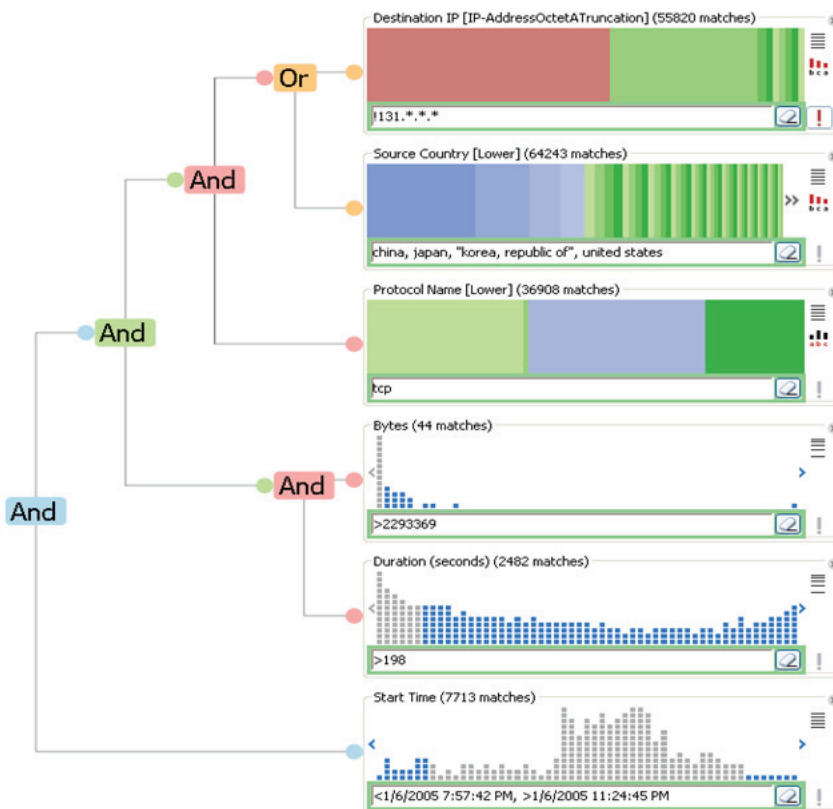
**Collaboration** Share queries, annotations, reports and insights

**Efficient data management** Smart aggregation effectively manages voluminous data

**Easy reporting** Create documents and presentations directly from VIAssist

**Affordability** VIAssist is a GOTS product

**Ease of use** Get up and running quickly and easily



**Advanced visual query builder provides the ability to visually create complex queries without having to formulate technical SQL queries**



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