

# Visium turns cyberdata into actionable visualized cyber intelligence

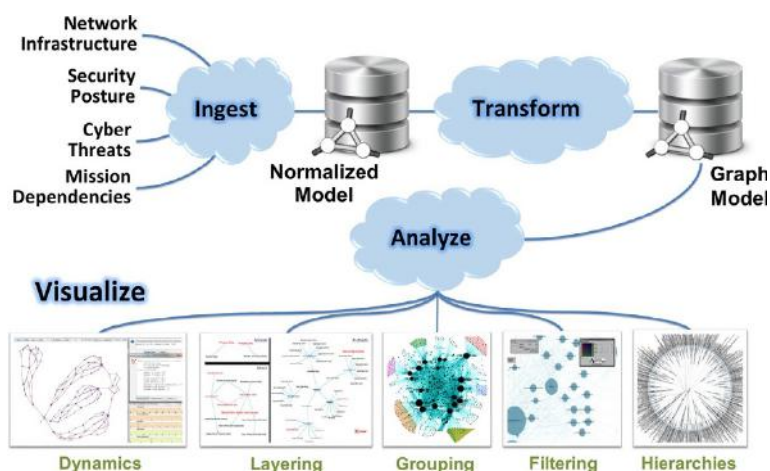


## SOLUTION OVERVIEW

During a cyberattack, the problem is not a lack of information, but rather the ability to use this data to assemble disparate pieces of security information into an overall intelligent picture for situational awareness, optimal courses of action, and maintaining business readiness; what we call “Finding the Signal in the Noise”

- CyGraph simplifies cybersecurity by visualizing your network security posture before and during an attack with Visium’s TrueContext technology
- Orchestrate your cybersecurity efforts by integrating your tools so you can turn information into knowledge
- CyGraph brings together isolated data and events into an overall picture for decision support and situational awareness
- Identify threats and patterns of cyberattack in real time, allowing prioritization of remediation to protect your most valuable assets
- CyGraph increases the ability to discover potential threats and business impacts, while reducing the time needed for organizing multiple disparate data sources into meaningful relationships

## SOLUTION ARCHITECTURE/HOW IT WORKS



“Real-time analysis of cybersecurity data is critical for the financial industry so that we can intelligently analyze and respond to threats to our network. Cygraph is our tool that eliminates the guesswork and visualizes threats in real-time to protect our most critical assets.”

– James Hickey, Director, Seneca Financial Corp.

“CyGraph brings together isolated data and events into an ongoing overall picture for decision support and situational awareness. It prioritizes exposed vulnerabilities, mapped to potential threats, in the context of mission-critical assets.”

– Steve Noel, PhD, MITRE Corporation

### Nutanix Ready Validation

CyGraph 1.3.1 Validated on Nutanix AHV



## RESOURCES AND GETTING STARTED

- [Users Guide](#)
- [CyGraph Structures](#)
- [CyGraph Overview \(video\)](#)
- [Nutanix and Visium](#)
- [Visium Website](#)

## KEY SOLUTION BENEFITS

CyGraph is a comprehensive, scalable, high-performance system for analyzing network attack relationships to provide actionable information. Here are the main benefits of the solution:

- Actually see your data and its TrueContext
- CyGraph visualizes your cyber data to intuitively and efficiently secure the Enterprise.
- Our ingestion and normalization of data from your cyber tools and data sources creates visualization and analytics that allows you to separate the signal from the noise, saving time, effort, and resources for prevention of, and response to cyberattacks. The real-time visualization provides situational awareness, and protects business operations
- By integrating the data from other cyber tools, CyGraph provides a graph knowledge base about attack vulnerability, threat indicators, and mission dependencies within a network environment. This allows you to comprehensively and intuitively identify the most vulnerable elements of your Enterprise.
- Using machine learning algorithms, CyGraph builds a predictive model of possible attack paths and critical vulnerabilities and correlates network events to known vulnerability paths.

## ABOUT VISIUM ANALYTICS, LLC

Visium is a provider of cyber security automation, analytics and visualization solutions. Visium's CyGraph technology provides visibility, advanced cyber monitoring intelligence, data modeling, analytics and automation to help reduce risk, simplify cyber security and deliver better security outcomes.

## ABOUT NUTANIX

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform delivers the agility, pay-as-you-grow economics and operational simplicity of the public cloud, without sacrificing the predictability, security and control of on-premises infrastructure. Nutanix solutions leverage web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution that delivers any application at any scale. Learn more at [www.nutanix.com](http://www.nutanix.com) or follow us on Twitter [@nutanix](https://twitter.com/nutanix)



T. 855.NUTANIX (855.688.2649) | F. 408.916.4039  
[info@nutanix.com](mailto:info@nutanix.com) | [www.nutanix.com](http://www.nutanix.com) | [@nutanix](https://twitter.com/nutanix)