



Turning wire data analytics into business insights

The IT Challenge in a Digital World

One of the immediate impacts of a digital transformation on your IT environment is that everything is speeding up: the pace of change is much higher; your already complex IT infrastructure is even more dynamic than before; and you don't have clear visibility into what has changed and why.

The result is that it's practically impossible to maintain an accurate picture of the supporting infrastructure for each business application and very challenging to predict the potential impact of a change on business-critical applications. Without visibility into what has changed, a lot of effort is required for effectively performing root cause analysis and change management.

illuminIT® – Business Application Mapping and Monitoring

VNT Software and our flagship product *illuminIT* apply big data analytics to wire data patterns and statistical data to automatically discover and map the complex structures of business services within the enterprise, consequently reducing MTTR, minimizing downtime, and improving overall IT decision making.

The *illuminIT* mapping and monitoring platform provides new insights into the relationships between business applications and their supporting IT infrastructure. Without the need for any prior knowledge, manual coding or documentation, *illuminIT* automatically creates a live map of the environment that can be used by a variety of stakeholders in order to manage planned and unplanned changes safely and effectively.

Always Up to Date

A business service map is only useful when it is up to date. With its detection and analysis technology, *illuminIT* identifies changes to both the business application and infrastructure while keeping its dynamic maps current and relevant. *illuminIT* reflects the current blueprint of the organization's business to IT topology, business application dependencies, links between different environments and subnets such as test to production connections or DR connections to the production site and more.

illuminIT uses a unique top-down approach to create interactive business service maps. Using its wire-data, predictive analytic engine, *illuminIT* automatically and non-intrusively identifies business services and IT assets. The product supports and can map your entire environment including web, client-server, cloud, mainframe, legacy and more.

Benefits

- **Decrease MTTR**
 - Find the problems before your users experience them
 - Resolve problems faster by getting to the root cause faster
- **Reduce unplanned downtime**
 - Simulate planned activity and highlight all impact in advance
 - Use predictive analytics tools to foresee the issues
- **Improve overall IT decision making**
 - Reduce manual and error-prone work in mapping and monitoring
 - Better prioritize problem resolution by business context
 - Better plan and fine-tune system downtime

VNT Software

VNT Software is the leading provider of automatic business service discovery, monitoring and analytics solutions. Our vision is to change the way complex IT problems are resolved by predicting business disruptions before they occur. Our state-of-the-art wire-data-based technology allows us to offer a proactive approach based on predictive analytics and get down to the root cause of a disruption to business in real time and within minutes.

Mapping the Cloud

Cloud platforms are becoming critical and complex in the digital age. Mapping your assets on the cloud is a must and not an option anymore. Our unique solution supports major cloud platforms including Amazon Web Services EC2 and comes pre-configured and ready to deploy with three simple steps. No changes are necessary to existing instances which makes your cloud map up-to-date and functional within minutes.

Change Impact Analysis

Without an always-up-to-date, dynamic baseline map of business services, handling alerts or making changes to the datacenter will eventually result in configuration drift and unplanned outages. *illuminIT* features built-in change impact analysis and simulation. It saves audit trails of changes made and can highlight the difference between your baseline topology map and reality. It also has the capability to predict the potential impact of a change on business-critical applications and help you minimize it.

Get to the Root Cause of a Problem Faster

Using real-time alerts originating from popular monitoring systems, *illuminIT* provides business level surveillance of events, enabling IT staff to quickly respond to and resolve problems. *illuminIT* pinpoints the root causes affecting service issues so that IT staff can spend time fixing problems instead of searching for their cause. With *illuminIT*, application and underlying infrastructure issues can be prioritized enabling the addressing of events by their business impact priorities.

Leverage your IT investment

illuminIT integrates with and enriches your current IT management investment. It generates a business service catalog that can populate CMDB, monitoring and ticketing systems, service desk, BSM, and other systems. It seamlessly extends the capabilities of your existing IT management and operations systems to provide the missing business context and priority.

Unique Technology

With its wire-data, predictive analytic engine, *illuminIT* automatically identifies business services and the IT assets that support them to create a continuous picture, in a passive, non-intrusive, agentless way with near-zero overhead. Using wire data is the only way to auto-discover and classify everything on the network without any prior knowledge and it is the only realistic way to keep track of your hyperdynamic environment. Competing approaches force users to run numerous scripts with administrative privileges from their production infrastructure, which requires significant effort, potential risk and is prone to inaccuracies.

Customer testimonial

*"We are running multiple applications that change on a daily basis. Until we mapped the applications with *illuminIT*, it was almost impossible for us to detect the changes in the infrastructure fast enough to meet our SLA."*

"Implementation of the product was very quick and easy, and we now use it on a daily basis."

— Haim Inger
CTO, Clal Insurance

Our Unique Technology

- Automatically discovers the complex structures of business services within the enterprise
- Applies big data analytics to wire data patterns and statistical data
- Provides a continuous picture, in passive, non-intrusive way with near-zero overhead

