Guidehouse
Outwit *Complexity*

Accelerate Zero Trust with Next-Generation Asset Intelligence Solutions

For organizations implementing Zero Trust cybersecurity models, Guidehouse helps build an asset intelligence solution that addresses risks across all platforms and devices.

New asset management solutions help IT organizations:

- Instantly gain visibility into connected assets
- Work faster to classify the assets
- Manage security segmentation
- Monitor usage rates
- Monitor access and egress points
- Organically link threat events to device activity

The healthcare industry is struggling to address cyber risks with the addition of IoT devices in its cyber environments. Healthcare providers, for instance, are navigating new medical delivery devices over which an enterprise's IT function has limited to no control. And life science IT organizations are grappling with the implementation of IoT and SCADA platform security in validated manufacturing environments.

Those responsible for organizational cybersecurity often lack the requisite knowledge or operational experience needed to regulate these devices and their controller platforms. Fortunately, next-generation IT asset management solutions can help your organization implement and integrate Zero Trust security frameworks across all platforms and environments.

Guidehouse Understands Web 3.0 Complexity

The cornerstone to managing information security is gaining visibility over your entire IT asset environment and establishing foundational information security controls. Traditional methods of visibility rely on manual point-in-time assessments that can be partially automated with a limited tool set. But asset management platforms that merely scan networks on a periodic basis do not give organizations comprehensive control over Web 3.0 devices.

Today, more and more devices are adopting Manufacturer Usage Description (MUD) as an embedded software standard defined by the Internet Engineering Task Force (IETF) that allows IoT device manufacturers to advertise device specifications, including the intended communication patterns for their devices when they connect to a network. This fingerprinting improves the management and inclusion of devices in a security architecture area within the network to properly manage and protect the device as well as the entire network segmentation.

Effective cybersecurity requires control over the network segmentation or security architecture that every device is allowed to access, as well as the ability to block a device entirely—capacities that many asset management programs simply do not possess. Guidehouse helps organizations find the next-generation IT asset management solutions that will keep your enterprise secure.

Guidehouse's Asset Management Solutions

Efficient and effective asset intelligence delivers four key components to cybersecurity systems, thereby enabling organizations to know what is on their network and ensure it is secure. The four areas of asset intelligence are:

Guidehouse's comprehensive understanding of IT asset management comes from building solutions for:

- The U.S. Department of Health and Human Services
- The Centers for Disease Control and Prevention
- The National Institutes of Health
- Commercial clients in the healthcare and life science industries

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For more information, visit:
www.guidehouse.com/capabilities/solutions/cybersecurity

LinkedIn
https://www.linkedin.com/showcase/guidehouse-health

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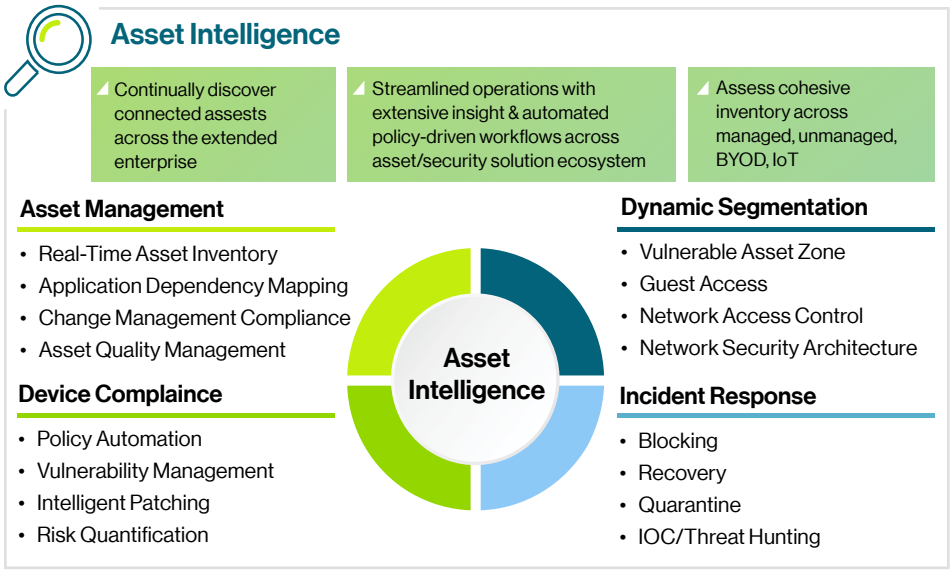
- **Asset management:** Including inventories, mapping, compliance, and asset quality management
- **Dynamic segmentation (delivering a network security architecture):** Including vulnerable asset zones, guest access, and network access control and security architecture
- **Device compliance:** Including policy automation, vulnerability management, risk quantification, and intelligent patching
- **Incident response:** Including blocking, recovery, quarantining, and threat hunting



Effective Asset Intelligence Makes a Difference

With next-generation asset intelligence, organizations can build solutions to Web 3.0 risks onto existing cyber programs. You can quarantine assets until access and authorization can be determined, protect networks from malicious attachments through security segmentation and zoning, and evaluate access for vulnerabilities and patching. With Guidehouse's understanding of Zero Trust and asset intelligence, we can assist enterprises in enabling a security architecture and asset intelligence program that will accelerate Zero Trust programs in the Web 3.0 environment and increase those organizations' dynamic security.

For more information, visit www.guidehouse.com/cybersecurity

About Guidehouse Health

Guidehouse is a leading global provider of consulting services to the public sector and commercial markets, with broad capabilities in management, technology, and risk consulting. The company has more than 12,000 professionals in over 50 locations globally. Ranked the third largest healthcare management consulting firm in 2021 by Modern Healthcare, Guidehouse Health helps hospitals and health systems, government agencies, life sciences and retail companies, and payers solve their most complex issues, overcome unique market challenges, and deliver innovative services to their communities and customers. With **12 KLAS #1 rankings**, the Guidehouse Health team includes public sector and provider administrators, clinicians, scientists, and other experts with decades of strategy, funding, policy, revenue cycle, digital and retail health, managed care, and managed services experience. For more information, please visit **www.guidehouse.com/healthcare**.

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