



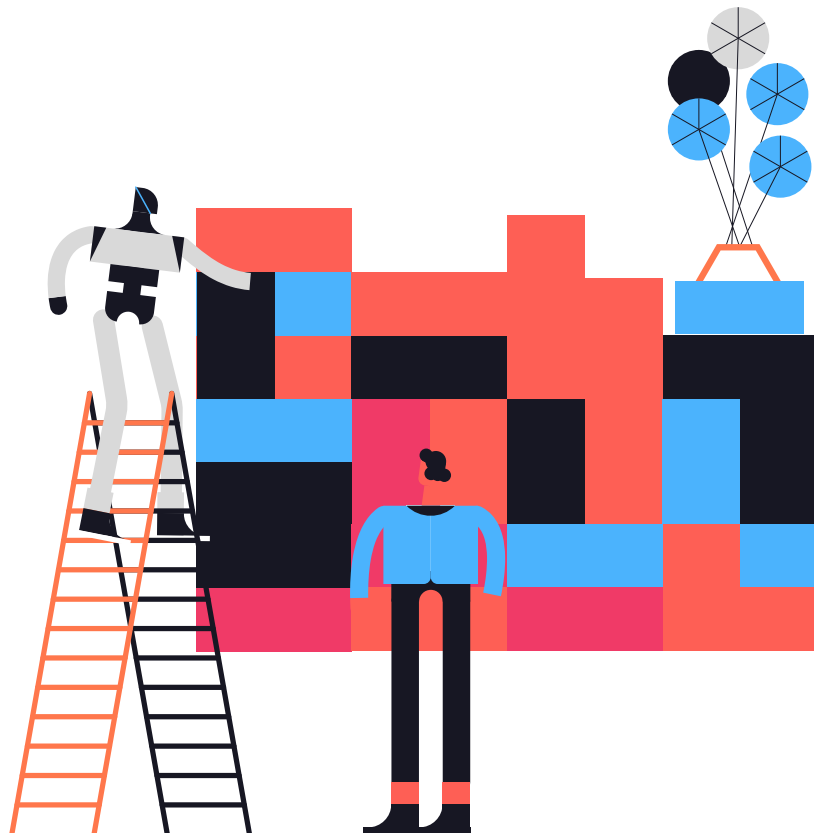
DATA ASSURANCE:

A Smarter Way to Secure
Your Business

Building a Resilient Network in the
Age of AI & Data Threats

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The Modern Connected Business: Navigating Complexity & Risk in a Data Driven World

How Global Data Movement Challenges Business Resilience

In the AI-driven global economy, businesses generate and depend on vast amounts of data. The creation, processing, storage and movement of vast amounts of digital assets — like code repositories and sensitive customer data — are reshaping how organizations operate and compete.

Modern networks are sprawling ecosystems, spanning clouds, exchanges, partnerships, APIs, and countless applications. While driving efficiency and innovation, they also introduce complexity. Data often crosses international borders, traveling along routes that may not align with your company's security policies or best interests. This global journey exposes your data to unseen risks.

Information Overload: Why Critical Threats Get Missed

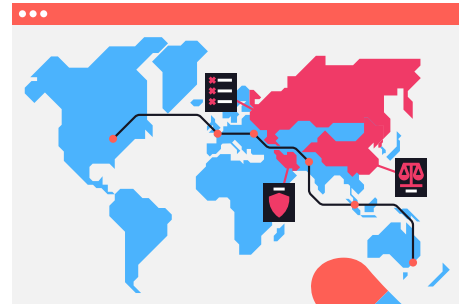
Many organizations deploy an arsenal of high-profile security tools to fortify themselves against cyber threats. Each tool, with many overlapping features, promises to shield your network from the latest vulnerability. On paper, this is a robust strategy. More tools should mean better protection.

Not always.

A constant stream of **"urgent"** notifications inundates teams with potentially critical threats, making triage nearly impossible.

The result?

Serious dangers slip by unnoticed, and opportunities to strengthen security measures are missed.



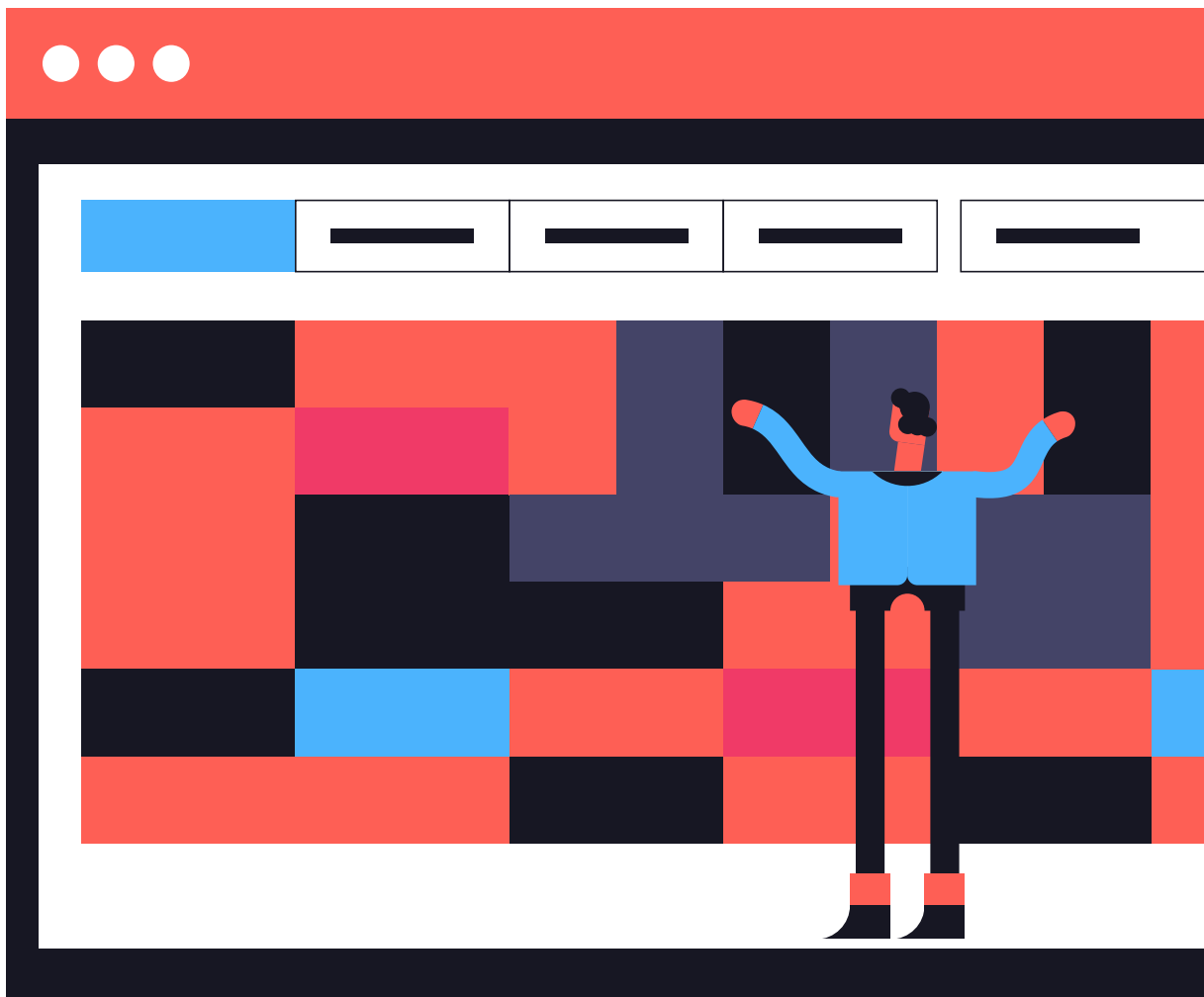
Enhanced Visibility: The Key to Better Control

The challenge isn't just about managing data volumes – it's about pinpointing what's important *and* actionable. Organizations need solutions that cut through the noise, offering actionable insights into their network and granting them greater control over data flows.

The rise of AI amplifies these challenges, demanding more data, bandwidth, and introducing greater network complexity. Ignoring this swiftly changing landscape will leave businesses lagging and open the door to significant security threats.

The stakes have never been higher. Legal and compliance risks tied to data mishandling are mounting. Regulators worldwide are rolling out strict privacy and data protection laws, holding organizations directly accountable for breaches and non-compliance.

AI applications demand **more data, more bandwidth and introduce more complexity** to network management



The Overwhelming World of Alerts

Finding a Needle in a Haystack

Finding real threats in a flood of alerts is like searching for a needle in a haystack. High false positives and redundant notifications overwhelm teams, delaying responses and allowing critical threats to slip by.

Even when a genuine threat is detected, the sheer volume of alerts delays response time.

What if you could transform this chaos into control?

Understanding how your data moves through the network allows you to sort alerts more effectively. Focusing on patterns of behavior instead of isolated incidents provides a different perspective. This shift from reactive to proactive monitoring can make all the difference in safeguarding your organization, giving you a new lens on how you view your data and network.

Identifying real threats is like finding a needle in a haystack when your alert system triggers every second

Tightening Regulations & Compliance Pressures

Ever-tightening privacy regulations worldwide are raising the bar for compliance.

70%

of nations have federal legislation to protect personal data and carry real weight. The General Data Protection Regulation (GDPR) alone is responsible for over

\$5.6 billion in fines.

Non-compliance isn't just a bureaucratic headache – it's a significant financial and reputational risk.

And it's not just about existing laws. With AI driving regulatory changes, businesses need networks capable of meeting evolving global standards.

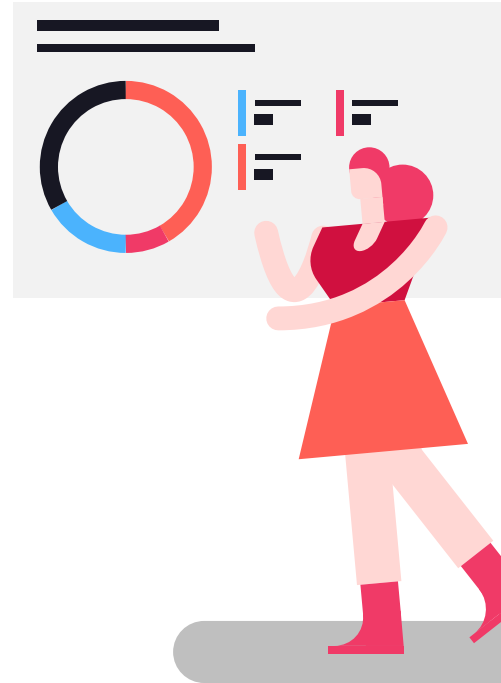
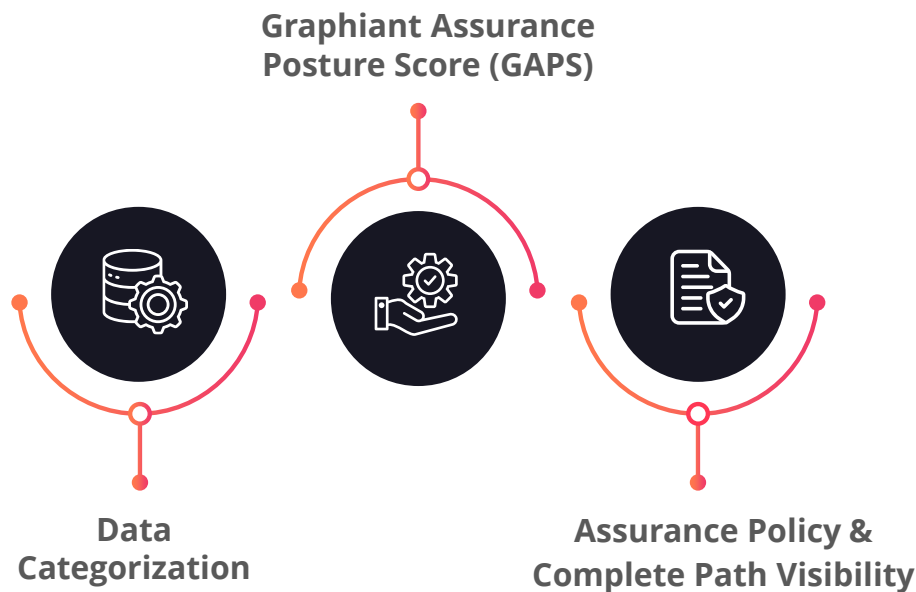
Graphiant Data Assurance

A Fresh Approach to Data Governance

Graphiant Data Assurance offers a new perspective on data governance. We transform how you perceive and control the data flowing through your network, helping you mitigate risk and optimize performance.

Owning the "middle mile" gives us a unique vantage point to understand how your data moves without accessing its contents. This allows us to assess risks, monitor performance, and provide actionable insights without compromising your data's privacy or introducing new vulnerabilities. It's like having a security guard who knows every hallway but never sets foot inside the rooms.

Graphiant's Data Assurance is built on three core components:



Better Visibility Powers Better Decisions

Clarity Through Intelligent Data Classification

Information overload can obscure critical threats. Graphiant cuts through the noise by auto-classifying your data using advanced artificial intelligence models. Whether it's in a private cloud, a public cloud or on the internet, our threat assessment integrates data feeds from leading security providers to assess the risk level of your data in real-time.

This intelligent profiling consolidates and categorizes your data, giving you clear insights into:

Assured Data

Information that meets compliance standards and is securely managed.



Potentially High-Risk Data

Information that may expose your organization to threats or non-compliance penalties.

Unassured Data

Data that requires attention to meet regulatory requirements.

Understanding exactly where your data stands allows you to make informed decisions without sifting through endless reports.

Focusing on Data in Motion with Threat Posture Assessment

Real threats often emerge when data is on the move. Graphiant zeroes in on this "data in motion" by employing advanced profiling methods and real-time telemetry. Leveraging insights from our network of cyber risk partners, we provide you with a Graphiant Assurance Posture Score (GAPS) for your data and exposed assets.

Our continuous analysis covers:



Graphiant provides actionable recommendations to reduce risk. By constantly profiling the paths your data takes across the global Graphiant backbone, we help you stay on top of potential threats.



Control at Your Fingertips

Risk and Compliance-Focused Policy Control

Once your applications are identified and classified, Graphiant empowers you to define how your data travels. You can program custom topologies into our network backbone or through our global telecommunications partners, ensuring your traffic aligns with your business goals and compliance needs.

Risk Assurance

- **Geopolitical Boundaries:** Customize your network to avoid data passing through high-risk regions. If certain countries pose a threat or don't align with compliance standards, you can set boundaries to keep your data secure.
- **Pre-defined Compliance Standards:** With just a few clicks, you can easily apply standards like GDPR or HIPAA. Stay compliant without the headache of manual configurations.
- **Custom Compliance Rules:** Do you have unique requirements? Create bespoke standards tailored to your organization's policies and regulatory obligations.



Performance Assurance

- **Prioritize What Matters:** Need low latency, minimal data loss, or maximum bandwidth? Decide what's most important for your network and prioritize it.
- **Balance and Flexibility:** Fine-tune your network's performance characteristics to achieve the ideal balance for your operations. Adjust settings to optimize performance based on your priorities.



Path Assurance

- **Control Your Data's Journey:** Select specific paths for your data to travel. Avoid certain network providers or prioritize routes through trusted partners.
- **Hardware Preferences:** Ensure your data never touches hardware from untrustworthy providers. Maintain control over every aspect of your data's voyage.



The Seamless Experience of Data Assurance

Implementing Graphiant's Data Assurance is straightforward and efficient. Our three-step policy process enables you to take control quickly:



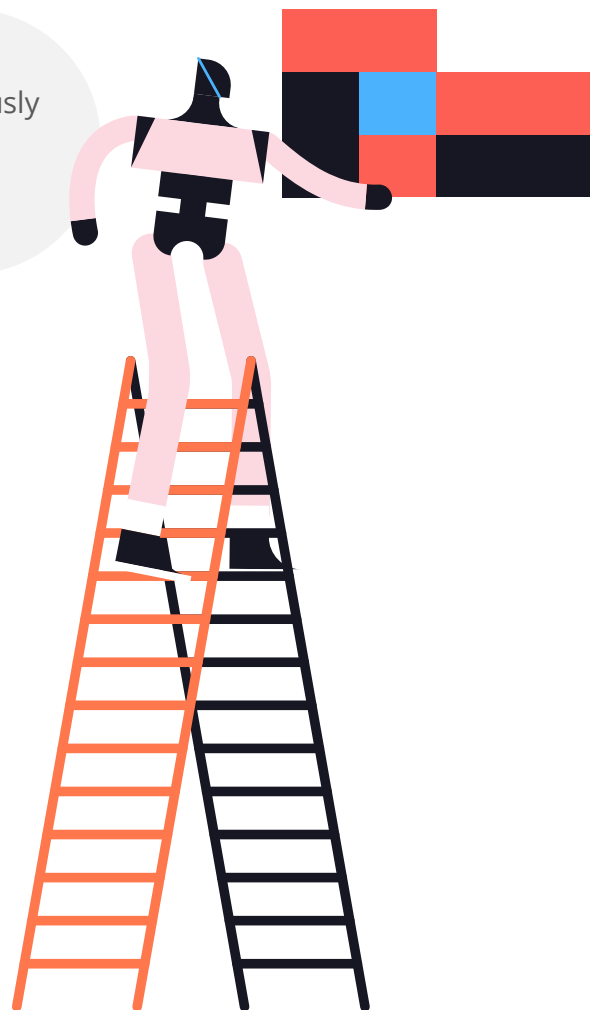
Select Your Business Data of Interest: Identify the specific data or applications you want to monitor and protect.



Choose the Type of Assurance: Define the assurance levels and policies that match your risk tolerance and compliance requirements.



Monitor Real-Time Insights: Observe your data infrastructure as it continuously evaluates and reports on performance, risks, and compliance—giving you actionable insights at a glance.



AI Ready Networks: The Next Frontier of Innovation

AI Demands Non-Negotiable Performance

AI applications are voracious data consumers and demand low latency, especially in real-time scenarios like autonomous vehicles or fraud detection. Complex algorithms, processing vast datasets need networks that can handle rigorous performance demands without breaking a sweat.

Decentralized Traffic Complexity

AI doesn't confine itself to a single server or location. It thrives in decentralized environments, processing data at the edge, in the cloud, and across various devices. This scattered approach complicates network management, making monitoring data flows and maintaining consistency more challenging.

The Rising Tide of AI Cyber Threats

As AI advances, so do AI-driven cyber-attacks. Threats like Man-in-the-Middle attacks or Harvest Now, Decrypt Later tactics exploit network vulnerabilities faster than traditional defenses can respond. Each weak point in your network becomes a potential gateway for these advanced assaults, and with the speed of AI, even a few moments of access can lead to irreversible loss and damage.

We don't just monitor data; **we understand it.**

Graphiant's Role in AI Readiness

Secure, Efficient Data Flows

Graphiant's network solutions are engineered to meet the rigorous demands of AI applications. We optimize data pathways to handle increased bandwidth and throughput, ensuring your network remains robust under heavy AI workloads.

Constant Risk Assessment Through Behavioral Profiling

We don't just monitor data; we understand it. By profiling behaviors and monitoring applications, Graphiant provides ongoing risk assessments. Our proactive approach helps you identify and mitigate potential issues before they escalate into serious problems.

Control Over Data Paths

With Graphiant, you're in the driver's seat. Control where your data goes, avoid high-risk regions and steer clear of untrusted network providers. By dictating the paths your data takes, you reduce exposure to threats and ensure compliance with current and future regulations.

Compliance Made Manageable

Simplifying Your Data Policies

Tackling the labyrinth of data protection laws is overwhelming. Regulations like GDPR in Europe, CCPA in California, and HIPAA in the United States have rules and consequences for non-compliance. Keeping up isn't just a legal necessity — it's critical to your organization's integrity and trust.

Graphiant's solution helps you meet strict compliance standards without accessing your data directly. We position ourselves within your network flow, observing how data moves rather than peering into its contents. This means we can provide insights and recommendations without becoming a vulnerability. Even in the unlikely event that our systems were compromised, your data remains untouched and secure.

We offer non-invasive, actionable advice that respects your privacy and regulatory requirements. By focusing on data's behavior in motion, we help you adjust policies, reroute traffic, and implement safeguards. This approach ensures that sensitive information stays confidential while you remain compliant.



Preparing for AI-Related Regulations

The regulatory landscape is rapidly shifting. Governments and international bodies are waking up to the need for oversight in AI development and deployment.



Data Privacy Concerns

Handling sensitive information with AI tools is drawing increased scrutiny. Regulations similar to GDPR are emerging worldwide, focusing on how data is collected, processed, and stored.



Ethical Considerations

There's growing attention on the ethical use of AI, particularly regarding bias, transparency, and accountability in automated decision-making.



Adaptive Compliance

Staying ahead of these evolving regulations requires networks that can adapt swiftly. Non-compliance isn't just a legal issue. It risks damaging your reputation and eroding customer trust.

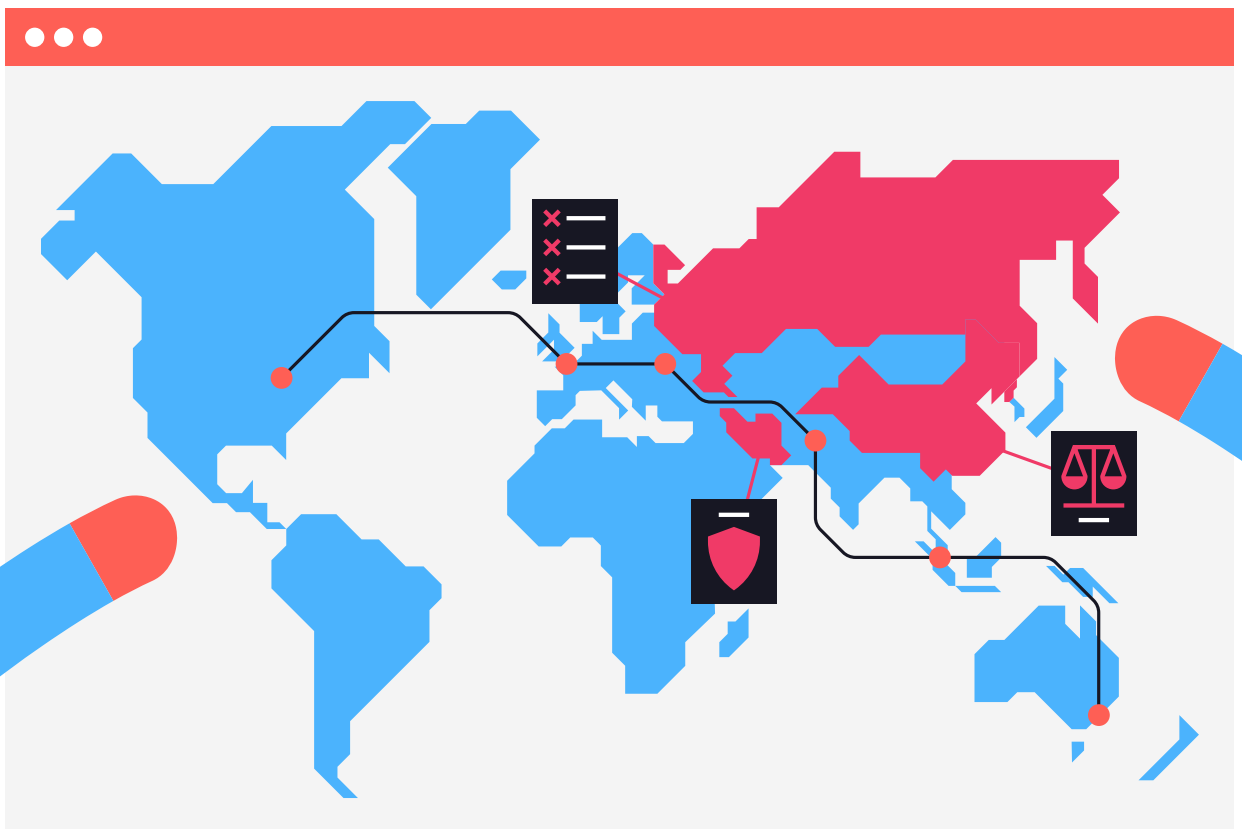
Staying Ahead of Regulatory Changes

The regulatory landscape is ever-changing. New laws emerge, existing ones evolve, and global events can trigger sudden shifts in compliance requirements. The rise of AI will be followed by regulations, promising to add new layers of complexity to data management.

Graphiant keeps you ahead of the curve. Our expanding library of pre-built compliance standards means you can adapt swiftly to new regulations as they take effect. Whether it's a new privacy law in the country where you operate or emerging guidelines on AI data handling, we've got you covered.

Our solution is hardware-agnostic, freeing you from the need to invest in specific infrastructure that might become obsolete. Avoid placing costly bets on hardware that could lock you into rigid systems. With Graphiant, you gain flexibility, ensuring your network can adapt as your business grows and regulations change.

Avoid placing costly bets on hardware that could lock you into rigid systems.



Graphiant's Competitive Advantage

Agility and Ease of Deployment

In today's fast-paced business environment, time is a luxury you don't have. We recognize this urgency. Our solution lets you hit the ground running without the usual hurdles. Forget about procuring specialized hardware or wrestling with device installations. With Graphiant, you can deploy directly from platforms like Microsoft Azure and Amazon AWS. This means you can integrate our services into your existing infrastructure swiftly and without hassle.

Imagine skipping months of setup and jumping straight into enhancing your network. Our agility isn't just about speed; it's about simplicity. We eliminate the red tape and technical roadblocks that often slow down critical projects.

The result?

Immediate benefits for your business.

Combining **risk, performance and path** management allows you to shape a network that aligns perfectly with your operational needs.

Custom Topologies Built for Your Needs

Your business is unique — and so are your network requirements. Off-the-shelf solutions often force you into a one-size-fits-all box, but Graphiant offers something different. We empower you to create custom pathways and governance policies tailored to your applications and requirements.

Combining path, risk, and performance management allows you to shape a network that aligns perfectly with your operational needs. Want to prioritize specific data flows? Need to enforce strict compliance on specific segments? You have the control to make it happen. This level of customization ensures that your network isn't just functional—it's optimized for your success.



Avoid Decision Paralysis

Making the right choice can feel overwhelming. It's easy to get bogged down in analysis, delaying decisions critical to your organization's security and efficiency.

Graphiant cuts through this noise with a streamlined, future-ready solution that's more than just a vendor. We're a partner in managing risk. We simplify the decision-making process by offering a complete package that addresses your key concerns head-on.

By choosing Graphiant, you gain the competitive edge of clear visibility and superior control over your network. No more second-guessing whether you've covered all your bases. With us, you can move forward confidently, knowing you have a dependable solution that adapts as your needs change.

Graphiant cuts through this noise with a streamlined, future-ready solution that's more than just a vendor.

We're a partner in managing risk.



Your Network, Reimagined

The digital landscape is shifting faster than ever. As businesses become more interconnected, the volume and velocity of data moving across networks grow exponentially. Artificial intelligence isn't just on the horizon. It's here and it's accelerating these changes at a breakneck pace.

Data doesn't respect borders. It crosses countries, flows through countless applications, and gets shared with a myriad of partners. While this connectivity fuels innovation, it also exposes your organization to new risks. Hidden threats lurk within these data streams and traditional security measures struggle to keep up.

Graphiant steps in where others falter. Our Data Assurance solution tackles today's challenges head-on while preparing your network for tomorrow's uncertainties. By offering enhanced visibility and unmatched control, we help you navigate the complexities of modern networking with confidence and ease.

The Path Forward

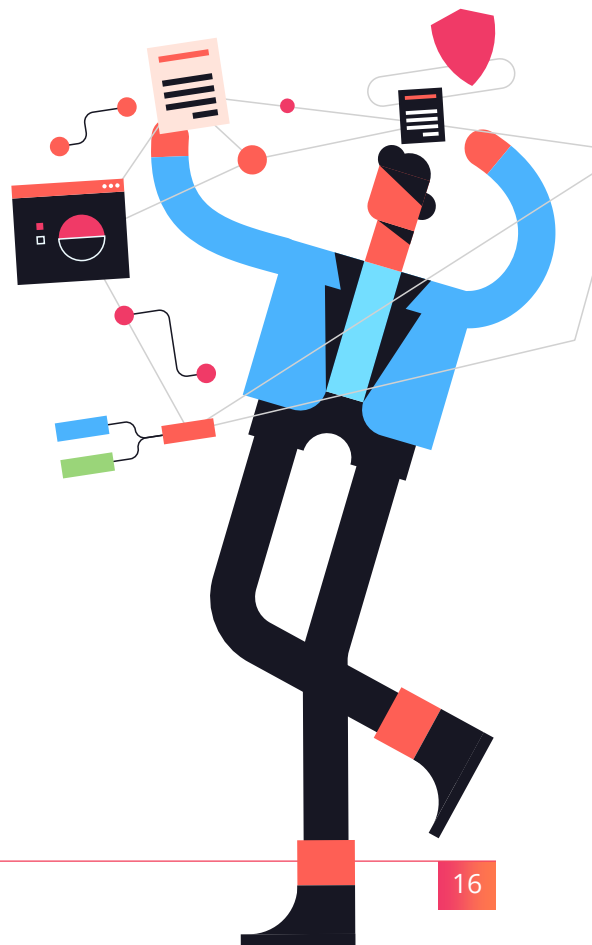
Waiting isn't an option. AI at scale is rapidly becoming the norm. Alongside it, new regulations will emerge, adding layers of compliance that could catch unprepared organizations off guard.

It's time to act. By optimizing and securing your network today, you position your business to thrive amid these changes. Don't let outdated infrastructure or overwhelming complexity hold you back. Take proactive steps to safeguard your data, streamline your operations, and stay ahead.

Seeing is Believing

Words can only convey so much. To truly grasp the difference Graphiant can make for your business, you need to experience it firsthand. Schedule a demo and explore the capabilities that set us apart.

Deploy our solution immediately and gain unparalleled insight and control over your network. See how effortless it is to customize policies, manage data flows, and bolster your security posture — without adding unnecessary complexity or accessing your data directly.



[Schedule a Demo](#)





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