

Greymatter Service Connectivity Layer

Supporting Cybersecurity Mesh Architecture

Evolving Security to Address Today's Reality

90% of CISOs worldwide remain concerned about security control gaps and point to technology challenges including APIs and software supply chains that make it difficult to protect data and enforce compliance, and also put them at increased personal risk of legal action.¹

90%

Cybersecurity is the top investment priority for organizations in 2023.² But where to invest for the greatest return is the question.

A Path Forward

To increase overall security effectiveness, Gartner has introduced CSMA, a collaborative ecosystem of tools and controls to secure a modern, distributed enterprise.

Centralized policy, posture, and playbook management

Where defining, enforcing, and updating policies for security and compliance happens.

Multi-cloud complexity leads to security misconfiguration.

The IT attack surface is growing rapidly. Eliminating vulnerabilities due to cloud misconfiguration is a major security priority across industries.^{4,5}

540%

Cloud vulnerabilities grew 540% over the past 6 years.

159%

Azure and Dynamic 365 vulnerabilities grew 159% in 2022.

76%

76% of cloud accounts for sale on the dark web are for remote desktop portal (RDP) access.

Greymatter's Advantages

Revolutionary playbooks and automation reduce boilerplate configuration by over 99%.

1000%

With less than 40 lines of code, users can catalog, visualize, and index all applications, APIs, and services running across multiple environments in one view to measure security, operational health, and impact.

Manage application networking as code and leverage attribution and version control via Git.

Your Benefit:

Conquer complexity, close security gaps, and gain efficiencies

Our platform simplifies security policy management across diverse multi-cloud and hybrid landscapes. With our platform, you can easily create and enforce security policies using governed playbooks for your applications, APIs, and services regardless of the cloud providers you use.

2

Identity Fabric

Providing a unified and integrated approach to identity and access management, it serves as the backbone of CSMA.

Fragmented identity management environments elevate risk

IAM solutions from multiple, external identity providers and different authentication and authorization mechanisms lead to inefficiencies, security complexity, and compliance issues.

78%

of attacks are launched from seemingly legitimate, but malicious users with proper authentication.³

99%

of cloud environments had over privileged IDs.⁶

25%

of security, DevOps, and app development professionals have no idea which of their APIs expose sensitive data.⁷

Greymatter's Advantages

Reference identity aware networking security policies from a central location in under 10 lines of code and apply to a fleet of apps, APIs, and services real-time.

Protect your applications, APIs, and services from over-privileged accounts with our separate, isolated layer of application networking policies.

Enable mTLS cryptographic service identities by default with a single definition.

Your Benefit:

Manage identities and access controls centrally while decentralizing and simplifying enforcement.

Greymatter's unique approach to zero trust helps you overcome fragmentation. Our innovative way of bridging person identities to non-person identities provides an easy and secure way for users to connect to applications, APIs, services, and data sources running across different clusters, clouds, and hybrid services. This reduces costs while significantly improving security and enterprise governance.

3

Security, Analytics and Intelligence

Real-time collection and delivery of contextualized threat data to strengthen security and mitigate risk of breaches at scale.

Manual processes hamper threat detection and contextualization.

77% of security, DevOps, and app development professionals say their existing tools are not effective enough to prevent API attacks.⁸

77%

Greymatter's Advantages

Easy-to-use, 0-configuration identity tracking gives you insights into health, metrics, and audits for your apps, APIs, and services across your multi-cloud/hybrid environment.

User-level drill down ensures you know who, what, where, and when anything is happening across your multi-cloud/hybrid environments.

Stop wasting time and resources on complex data triage, Greymatter delivers real-time telemetry and user audit information to your SIEM, SOAR, and other cybersecurity investments.

Your Benefit:

No need for high-fidelity, custom audit code: Save time and money with automation and analytics.

Greymatter's live system/API telemetry and sense-making models provide deep visibility into traffic and behaviors in real-time and historically. Stay ahead of anomalous activity and potential threats and take proactive measures to avoid security disruptions. Overlay telemetry data with automatic failover measures to maintain availability, and then seamlessly send data to security tool sets for analysis and resolution.

4

Operational Dashboard

Unifying everything through a holistic view of the entire service connectivity infrastructure.

Silos create inconsistencies and blind spots.

Many organizations have different teams responsible for network, cloud, and endpoint security, using different tools that operate independently.

47%

of organizations claim difficulty measuring and managing across differing tech stacks.⁹

35%

of IT security leaders identify out-dated zombie APIs, data, and components as significant threat surfaces.¹⁰

Greymatter's Advantages

1 pane of glass gives you visibility into your entire app networking IT environment, so you can quickly identify and respond to activity.

Optimize resource allocation and cost so you can focus on what matters most: providing your customers with the best possible experience.

Effortlessly integrate immediate forensic user tracking audits with zero configurations needed.

Your Benefit:

1 pane of glass view into all of your applications, APIs, and services.

Greymatter's unified and intuitive platform immediately tracks and catalogs all applications, APIs, and services, including health and traffic flow for everything it connects. This provides access to shared data and visualizations and comprehensive search capabilities across cluster, cloud, and hybrid application environments. Your tactical and strategic analysis, communication, and coordinated response for your applications, APIs, and services just leveled up!

Unleash Greymatter: Revolutionize application and API security with a 99% reduction in configuration. Centralize policies and harness identity-aware defenses. Activate mTLS service transactions out-of-the-box. Gain laser-focused application operational insights in real-time from a single, intuitive pane across multi-cloud terrains with unmatched efficiency.

Transcend conventional security; let Greymatter redefine your operational zenith.

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Free Zero-Trust Assessment

Sources

¹ Salt Labs State of API Security Q1 2023 Survey of over 400 industry-wide security, DevOps, and app development professionals

² Google Cloud Brand Pulse Survey, Wave 5, 2022

³ Gartner® How to Start Building a Cybersecurity Mesh Architecture, Published 21 June 2022, Authored by James Hoover, Peter Sheard, Felix Goettgens

⁴ Gartner Survey results posted at 2023 Security and Risk Management Summit

⁵ Salt Labs State of API Security Q1 2023 Survey of over 400 industry-wide security, DevOps, and app development professionals

⁶ Salt Labs State of API Security Q1 2023 Survey of over 400 industry-wide security, DevOps, and app development professionals

⁷ Salt Labs State of API Security Q1 2023 Survey of over 400 industry-wide security, DevOps, and app development professionals

⁸ 2022 IBM Security X-Force Cloud Threat Landscape Report

⁹ Salt Labs State of API Security Q1 2023 Survey of over 400 industry-wide security, DevOps, and app development professionals

¹⁰ CyberEdge: ISC2, November 2022, 1,200 respondents to Survey

¹¹ Software AG Survey, February and March 2022, 1,150 respondents to survey

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