Terms of Reference

Service Connectivity Layer
The connection and communications between applications, services, and data across the network

Cybersecurity Mesh Architecture (CSMA)
A collaborative ecosystem of security tools operating beyond the perimeter

Microservices
Provide an architectural and organizational approach to software development comprised of small independent services and communication over well-defined interfaces

Service Mesh
Dedicated infrastructure layer that controls service-to-services communication over a network

Control Plane
The management service for all components, protocols, and mechanisms for configuring and maintaining the state and behavior with an application networking connected mesh

Data Plane
Enables the management of traffic flow, control, and capture as it moves throughout the application networking mesh, can be both proxy and proxy-less

Hybrid Cloud
Utilizes some combination of private, on-premise and/or traditional clouds

Platform-as-a-Services (PaaS)
Enables the user to develop, run, and manage their own apps without having to build and maintain the infrastructure or platform usually associated with the process

Kubernetes
Container-orchestration tool used to bundle and manage clusters of containerized applications
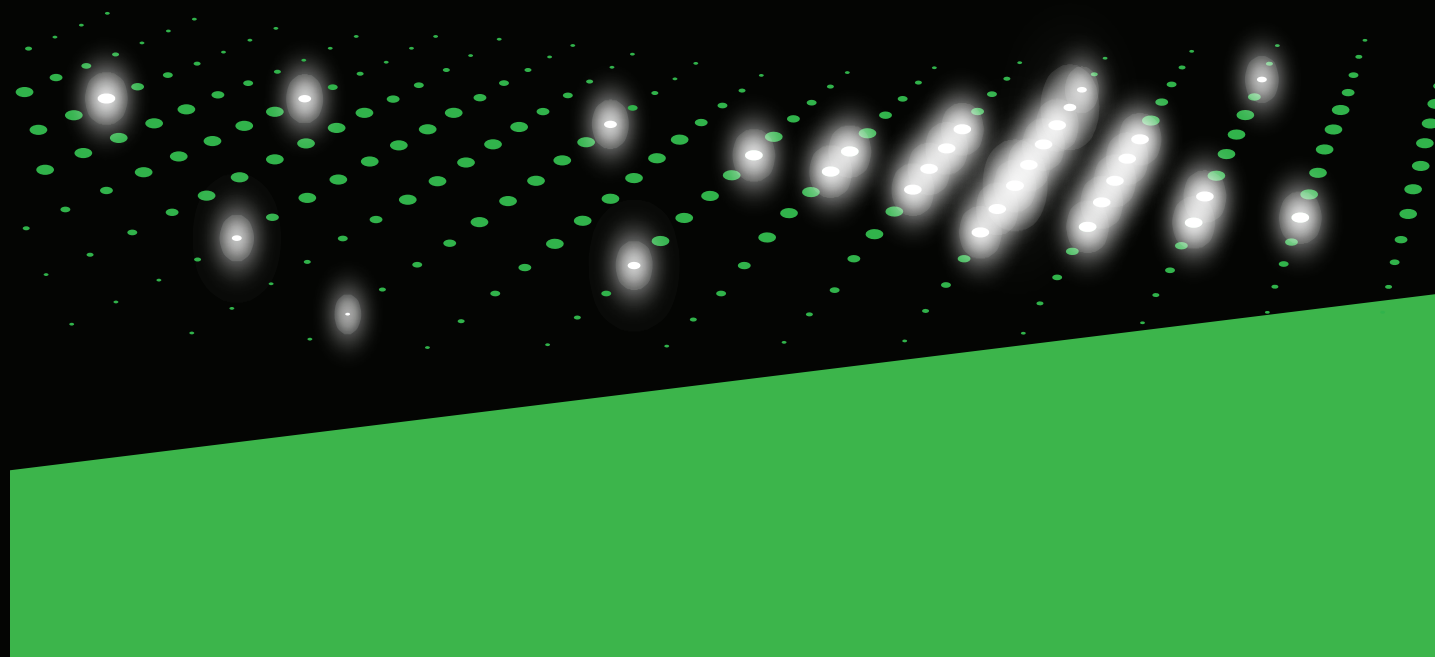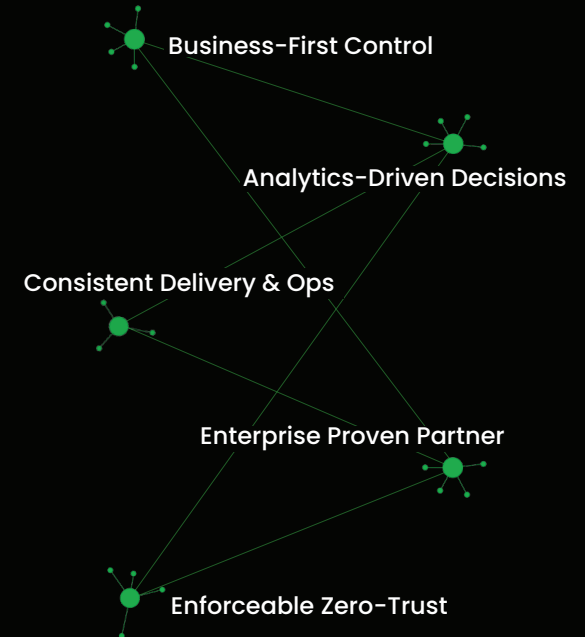
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Greymatter.io

- Business-First Control
- Analytics-Driven Decisions
- Consistent Delivery & Ops
- Enterprise Proven Partner
- Enforceable Zero-Trust

Greymatter, a Unified Service Connectivity Layer

Service Mesh, API Management, NetSecOps Automation, IT Ops Intelligence

Greymatter.io's unified Service Connectivity Layer combines service mesh, API management and NetSecOps automation with IT Ops intelligence to reduce complexity, ensure security, enforce compliance and optimize performance for applications, APIs, and services.
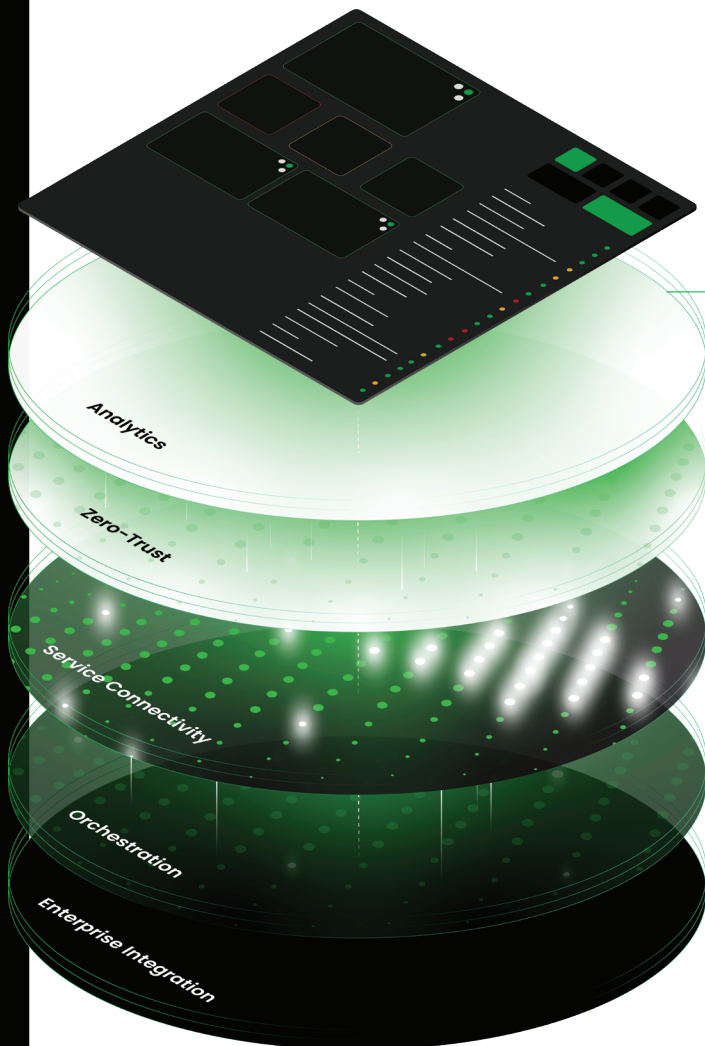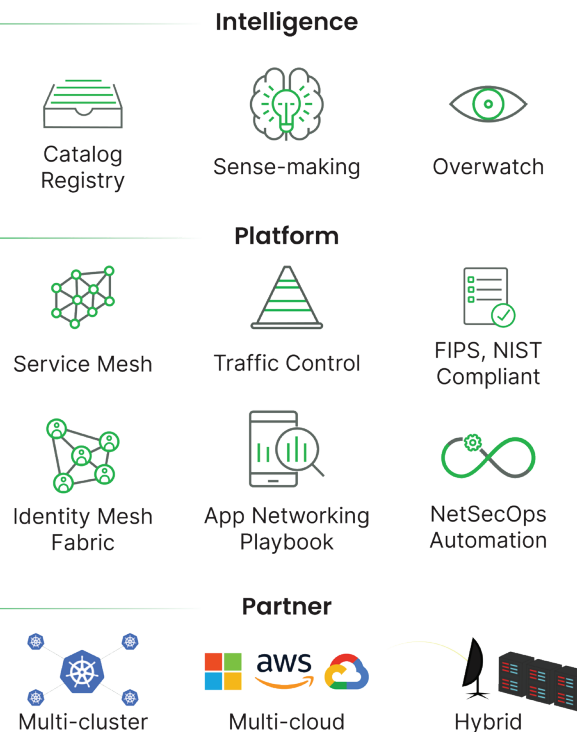
Control Complexity.

Build decentralized software applications faster across any hybrid- or multi-cloud environment without piecing together open-source solutions.

Trust Nothing.

Enable app and API zero-trust security, identity networking, encryption, certificate management, and policy compliance out of the box.

See Everything.

Gain deep visibility into distributed Apps and APIs automatically surfacing forensic insights and performance issues.

Analytics

Zero-Trust

Service Connectivity

Orchestration

Enterprise Integration

Intelligence

Catalog Registry

Sense-making

Overwatch

Platform

Service Mesh

Traffic Control

FIPS, NIST Compliant

Identity Mesh Fabric

App Networking Playbook

NetSecOps Automation

Partner

Multi-cluster

Multi-cloud

Hybrid

Benefits

Business-First Concern
Empowering new business strategies and API integrations at enterprise scale

Ensured Business Continuity
Cut downtime and lower MTTR from days to hours

Faster, Repeatable Delivery
Decrease delivery time from months to hours

Enforceable Governance
Introduce precision policy enforcement for all apps, APIs, and services

Enterprise Lock-down
Achieve NIST compliance for zero-trust across the enterprise

Built for Platform Engineers
Platform engineering focused design to lighten the cognitive load

Automate Everything
Empower multi-team GitOps automation for app NetSecOps

Secure Connectivity
OPA, OIDC and token management across the application networking mesh

Comprehensive Overwatch
Optimize performance with observability, health checks, and auditing

See It All
Capture app networking stats, metrics, and Audits for Analytics

Intelligence in Action
Capture and surface unprecedented app, API and data service insights

One Touch Control
A single service connectivity platform to manage it all