Securing the Business Application Mesh

Valence maps, monitors and mitigates the risk of indiscriminate, shadow and third-party application-to-application connectivity

The Business Application Mesh

The Business Application Mesh is a growing network of connections, automated business workflows and data exchange delivering the promise of digital transformation. The growth of the Mesh is driven by migration to SaaS and self hosted business applications, increased interconnectivity with direct APIs and SaaS marketplaces, and hyperautomated business processes with no/low code platforms like Zapier and Workato.

> "Gartner estimates that more than 70% of large commercial organizations have dozens of hyperautomation initiatives underway"
> Gartner Top Strategic Technology Trends for 2021

> "Business applications have hundreds and even thousands of third-party extensions and API integrations available"
> The State of Product Integrations at the SaaS 1000

> "97% of Google Workspace users have authorized at least one third-party app"
> Netskope Cloud and Threat Report - July 2021

# Growing Indiscriminate and Shadow Connectivity

The Business Application Mesh often grows with little or no security, visibility or governance, enabling high velocity exchange of data and privileges via an expanding network of indiscriminate and shadow connectivity between applications. This leads to a growing supply chain risk surface, potential misconfigurations and data exposure, for example:

**Supply Chain API Takeovers**

Hyperautomation Exposure
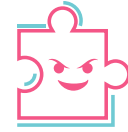
Malicious 3rd Party Apps

These examples are all too common and costly, putting the organization at risk of unauthorized access and data loss, highlighting the need for a new way to understand and manage these risks.
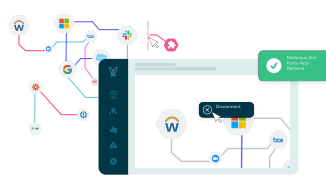
The Valence Platform

Valence manages and secures your Business Application Mesh by delivering visibility, reducing unauthorized access and preventing data loss. With Valence you can quickly and effectively:
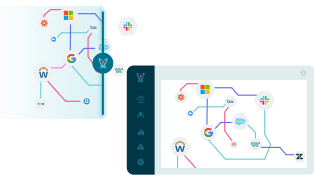
Map Your Mesh

Valence quickly identifies, inventories and maps the Business Application Mesh to deliver full visibility into non-human integrations, OAuth access tokens, API Keys, permission scopes and workflows.

Monitor Your Mesh

Valence monitors the topology, configuration and activity across the Business Application Mesh to detect new connections, anomalous activities and data access, overprovisioned privileges and out-of-compliance workflows.
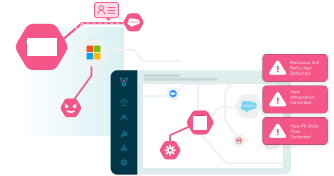
Mitigate Mesh Risk

Valence extends zero-trust principles to the Business Application Mesh, defining and enforcing policy controls such as least privilege access and revocation of compromised and outdated tokens.

Valence Key Benefits

Valence manages and secures your Business Application Mesh by delivering visibility, reducing unauthorized access and preventing data loss. With Valence you can quickly and effectively:

Valence secures the interconnectivity of applications, protecting a risk surface uncovered by existing solutions that treat applications in isolation.

Valence shines a light on business application shadow connectivity and assesses the supply chain risk surface of third-party vendors.

Valence integrates with event management and security automation platforms to enable continuous monitoring and effective collaboration.

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