

Graphlit Platform



A Serverless RAG-as-a-Service Platform for Rapid AI Enablement

Overview

[Graphlit](#) is a cloud-native, serverless platform designed to help you ingest, transform, and leverage unstructured data in ways that accelerate Generative AI and Retrieval-Augmented Generation (RAG) projects on Azure. By offering a complete end-to-end pipeline—from data ingestion to AI-based conversation services—Graphlit relieves you from managing complex data flows and disparate enterprise tools.

Our platform seamlessly integrates with Azure services like Azure Blob Storage and Azure AI Document Intelligence, making it easy to build intelligent bots, knowledge assistants, and advanced search experiences that address your organization's most pressing data challenges. With Graphlit, Azure users can rapidly operationalize AI solutions at scale and unlock transformative insights for a broad range of use cases.

Key Features

- **Automated Multi-Source Ingestion:** Pull data from Azure Blob Storage, SharePoint, websites, and various other sources without complexity. Our feed connectors allow you to unify all your content, whether text, audio, video, or images.
- **Sophisticated OCR and Document Processing:** Leverage Azure AI Document Intelligence for accurate OCR, table extraction, and layout parsing, ensuring high fidelity when working with PDFs, Word docs, and scanned images.
- **Multimodal Data Handling:** Process text, images, audio, and video in a single workflow. Built-in transcription and object detection let you effortlessly manage multiple content types under one platform.
- **Vector-Based Semantic Search:** Benefit from best-in-class vector embeddings to retrieve the most relevant slices of information. Conduct advanced metadata filtering to pinpoint exactly the data you need.
- **RAG Conversations with History:** Embed conversation-aware chat into your applications, powered by Graphlit's automated chunking and conversation memory. Deliver contextually rich responses every time.

- Scalable and Serverless: Scale up or down based on usage, eliminating the need for extensive DevOps overhead or provisioning and ensuring you pay only for what you actually use.
- Built-In Security and Data Governance: Enjoy data encryption at rest, role-based access control (RBAC), and a multi-tenant architecture designed for enterprise-grade requirements.

Use Cases

1. Enterprise Knowledge Assistants: Turn your organization's knowledge base-whether SharePoint documents, wikis, or internal reports-into a helpful AI chatbot that can answer queries with contextual precision.
2. Search and Content Discovery: Enable multicontent search portals for internal teams or external clients, taking advantage of Graphlit's vector search and embedded LLM capabilities to surface insights across text, images, and transcripts.
3. Intelligent Document Workflows: Build sophisticated document processing pipelines using Azure AI Document Intelligence to extract tables and text at scale, then feed this data into LLMs for summarization or semantic analysis.

Benefits

- Faster Time to Market: Reduce project timelines by weeks or months. Graphlit's pre-built ingestion and data transformation routines let you focus on delivering results, not piecing together infrastructure.
- Cost Efficiency & Elastic Scaling: Operate dynamically with usage-based pricing, avoiding upfront hardware or license investments. With serverless autoscaling, you never pay for idle resources.
- Multimodal & Future-Ready: Handle text, visual, and audio content in one platform, so you're prepared for evolving AI needs. Graphlit supports advanced features like object detection and audio transcription out of the box.
- Contextual Data Intelligence: Achieve deeper insights via advanced data enrichment using external APIs like Wikipedia and Crunchbase, as well as integrated LLM-driven entity extraction.
- Developer-Friendly: Native SDKs for Python, Node.js, and .NET let you build and integrate quickly. Graphlit's well-documented APIs and usage logs ensure a painless development and troubleshooting experience.

- **Enterprise-Grade Security:** Protect your data with encryption at rest and secure user access controls. SOC 2 compliance is on the horizon, reflecting our commitment to enterprise security standards.

Azure Integration

Graphlit works seamlessly within the Azure ecosystem by plugging directly into Blob Storage and leveraging Azure AI Document Intelligence for advanced OCR and document parsing. In addition to streamlined ingestion, indexing, and conversation flows, developers can utilize other Azure services-like Azure Functions or Azure DevOps-to orchestrate complex workflows.

Thanks to serverless autoscaling, Graphlit complements Azure's elasticity and ensures unified management of data pipelines, vector search, and GPT-assisted interactions in one place.

Whether you're creating internal knowledge bots, enterprise search solutions, or advanced analytics dashboards, Graphlit adds an essential layer of intelligence and convenience to your Azure deployments.

Call to Action

Ready to take your Azure-based AI initiatives to the next level? Explore our listing on the Azure Marketplace and experience the benefits of fully managed RAG-as-a-Service.

Sign up at <https://portal.graphlit.dev> for a free account to get started and see just how easily Graphlit can handle real-world data. For deeper insights or a custom walk-through, drop us an email at questions@graphlit.com or request a demo call.

Start your RAG journey with Graphlit on Azure today, and harness the power of unstructured data for faster, smarter, and more engaging AI solutions.