Secure AI Chat Solutions

Custom, scalable private chat for healthcare organizations

Publicly available AI chatbots used in healthcare pose privacy risks, potentially leading to HIPAA breaches and costly penalties.

Tegria's data engineers work with healthcare organizations to architect, build, and safely deploy and harness generative AI tools within their own secure networks while protecting sensitive data such as PHI.

A custom AI chat solution can integrate both clinical data and organization-specific policies, reducing administrative burden and creating a foundation for future AI enhancements. After launching, organizations can monitor AI use to identify trends, address knowledge gaps, and optimize their operations over time.

> Drive efficiency, streamline operations, and protect sensitive data with your own HIPAA-compliant, secure AI chat solution.

We Help Clients Achieve

- Enhanced data security
- Increased staff efficiency
- Reduced administrative burden
- Streamlined communication
- Improved clinical decision support
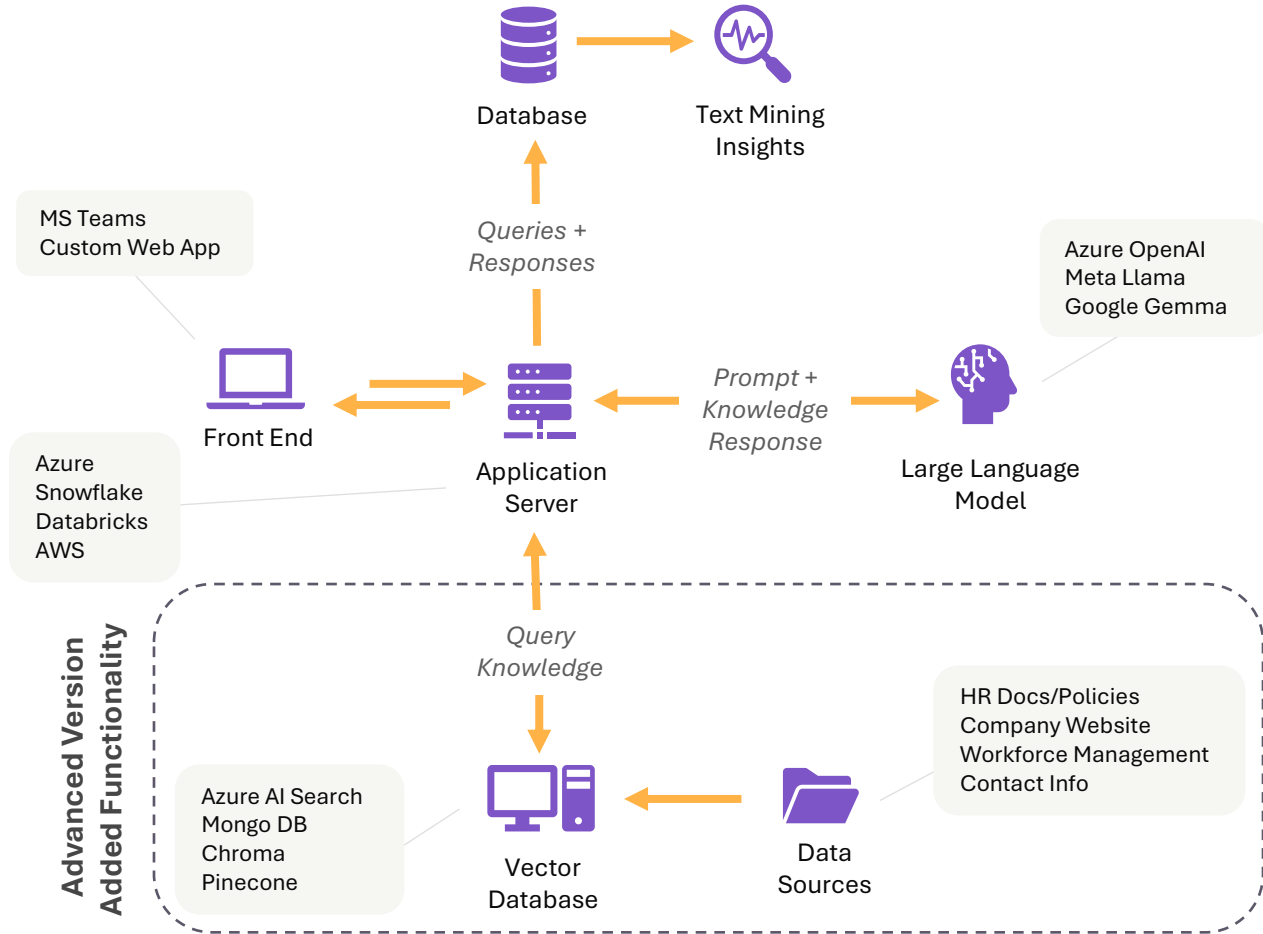- HIPAA compliance

Our Proven Path to Success

- **Step One**: Assessment of current AI infrastructure and data security protocols
- **Step Two**: Customization of AI solution to fit organizational needs and integrate relevant data
- **Step Three**: Secure deployment and continuous monitoring of AI usage to ensure compliance and optimize efficiency
- **Step Four**: Examine conversational history to identify potential gaps related to training, compliance, and support

Leading Expertise That Bridges Healthcare Operations and Systems

- Extensive experience in healthcare and AI technology integration
- Deep understanding of HIPAA and data security requirements
- Proven track record of successful AI deployment in healthcare settings

Tegria

Secure AI Chat Solution Architecture

A framework for broader AI tool adoption and implementation

Database

Text Mining Insights

Queries + Responses

MS Teams
Custom Web App

Azure OpenAI
Meta Llama
Google Gemma

Front End

Prompt + Knowledge Response

Application Server

Large Language Model

Azure
Snowflake
Databricks
AWS

Advanced Version Added Functionality

Query Knowledge

HR Docs/Policies
Company Website
Workforce Management
Contact Info

Azure AI Search
Mongo DB
Chroma
Pinecone

Vector Database

Data Sources

Why Tegria?

With 1,500 healthcare-focused consultants globally, we've helped 650+ clients transform healthcare with market-leading solutions as a top 10 firm in seven KLAS categories.

KLAS Client Satisfaction Score 90+
Technical Services   Application Hosting

100% of Tegria's Technical Services clients said they would use our services again

2024 Best in KLAS Software & Services Report