

## CASE STUDY

# Episcopal Health Foundation



Texas, USA



30 employees



Non-Profit  
Organization



Health Equity &  
Systemic Change



[episcopalhealth.org](https://episcopalhealth.org)

### Customer Profile:

The mission of EHF is to advance the Kingdom of God with a specific focus on human health and well-being through grants, research, and initiatives in support of the work of the Diocese, while also providing congregational and community engagement as key services.

### Solution Benefits:



#### Accelerated Actionable Insights with AI:

Using a NexusTek-created AI database, EHF reduced initial research time from 5-10 hours per area to just 1-2 hours, saving ~100-200 hours while improving accuracy and thoroughness.



#### Secure and Scalable Infrastructure:

Migrated EHF to a private cloud, enhancing performance, reliability, and hybrid cloud scalability while implementing robust access controls and encryption for secure data governance.



#### Empowered Adoption:

Delivered expert guidance and training, enabling EHF to confidently leverage AI and future-proof their operations with a modular, adaptable cloud operating model.

### Business Challenges

EHF faced significant challenges in its operational and strategic frameworks, driven by its reliance on an extensive repository of research reports. These reports, vital for decision-making, presented an overwhelming data volume that exceeded the capacity of manual analysis.

As a result, EHF needed an efficient, scalable solution to synthesize key insights without diverting resources from its core mission. Compounding this issue was the organization's limited internal expertise in artificial intelligence (AI) technologies, which created obstacles in defining requirements and implementing advanced tools.

Tight deadlines for programmatic deliverables heightened the pressure as the organization sought to meet operational timelines without compromising quality.

Additionally, EHF needed to address data security and governance concerns to ensure the ethical and secure handling of sensitive information while integrating AI into its workflows.

## Solution Overview

NexusTek partnered with EHF to deliver a comprehensive and scalable solution that addressed the organization's challenges while positioning it for future technological growth.

NexusTek conducted a detailed requirements analysis to align the proposed AI solution with EHF's strategic objectives. This process helped EHF distinguish between critical operational needs, business trade-offs, and ancillary features, resulting in a lean, effective system design.

NexusTek implemented a customized AI tool equipped with natural language processing (NLP) capabilities, enabling EHF to analyze its extensive research database. The tool transformed unstructured data into readily applied intelligence, allowing the organization to derive insights quickly and accurately.

NexusTek migrated EHF's operations to its private cloud infrastructure to ensure the solution's performance and hybrid cloud scalability. This move enabled the seamless integration of AI tools while enhancing system availability and responsiveness. The private cloud environment also provided dynamic hybrid cloud scalability, ensuring that EHF's IT infrastructure could accommodate future growth and increased data demands.

NexusTek implemented its proprietary security portal to address EHF's concerns about data governance and protection. This framework established strict role-based access controls, safeguarding sensitive data while maintaining ethical compliance in AI-driven processes.

## Results

NexusTek's collaboration with EHF produced transformative outcomes. By automating the analysis of research reports, the AI solution reduced manual effort, enabling faster, data-driven decision-making.

This increased efficiency allowed EHF to meet critical deadlines for programmatic deliverables, as noted by Chief Administrative Officer Susybelle Gosslee, who remarked:

**"I was just amazed that [NexusTek] was able to jump on it so quickly... we would not have met the deadline without them. From an organizational perspective, this is the first real win in the AI space in terms of our organization."**

The partnership also fostered confidence within EHF's team, empowering them to embrace AI as a tool for innovation and growth across the organization.

In addition to improving operational efficiency, NexusTek's migration of EHF to a private cloud environment provided a secure and scalable IT foundation. By aligning advanced AI tools with a robust cloud operating model, NexusTek helped EHF create a future-proof foundation for technological and operational success.

## Technical Benefits

The implementation of a custom AI platform enabled EHF to process vast amounts of data with unprecedented speed and precision. The natural language processing algorithms specifically tailored to EHF's needs provided readily applied actionable insights from unstructured data, streamlining workflows and enhancing decision-making capabilities.

NexusTek's private cloud infrastructure optimized computing and storage resources, delivering low-latency, high-throughput performance that supported the rapid deployment of AI tools. Data security and compliance were reinforced through role-based access controls and encryption protocols, addressing the ethical and operational requirements of a non-profit organization.

The modular nature of the AI infrastructure also ensured hybrid cloud scalability, enabling EHF to integrate additional use cases without significant reconfiguration.

