backplain

Case Study

Take CONTROL of AI

Need to protect and manage your private models? Backplain provides the middleware and interface to make any private model enterprise ready.

Access AI Top Models
including…

GPT-4   Gemini

Claude 3   Llama 2

Your **Private** Models

National Law Firm

Over 800 Attorneys

Key Outcomes

- Enable the organization to use public GAI productivity, safely, and securely
- Leverage GAI to rapidly compare and analyze internal documents

Challenge 1

The company needed a safe and secure way for its employees to use the latest GAI technology without compromising their private company information. Blocking access to public GAI systems was not an option, as the employees would most likely circumvent those draconian attempts. The company wanted to provide them the ability to access these new tools in one place that can be managed by the company.

backplain provided them access to the major models while protecting the company information and the employees. The multi-chat and document upload features make doing research, comparisons, and summarizations easy.

Challenge 2

Since the adoption of GAI via backplain, the growth in usage by the employee base has increased dramatically. Now these empowered and enlightened users want to better leverage GAI to improve their own work product and interface with their own data.

backplain built and trained a SLM using the company's data. Leveraging backplain's AI control middleware and interface made the build quick, and more importantly allowed the company to securely control the model. Now the employees are able to engage with private company data as well as public models, all while keeping the company data safe though a single, simple interface. The new company SLM is loaded with confidential company data spanning multiple years. Lawyers are now able through the backplain interface to drill into data for much greater insights.

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Your Private Models
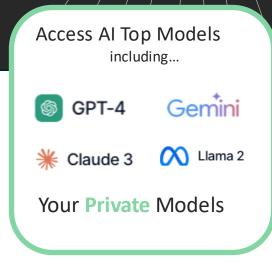
Life Sciences Company

Public – 120,000 Employees

Key Outcomes

- Enable security, compliance, and monitoring of private and public GAI models
- Provide single and simpler management of GAI systems
- Guided and learning prompt assistance for employees to be more productive

Challenge 1

The company recognized the importance of providing their employees access to public and private models. Their internal development teams focused on the right opportunity, bringing GAI to their employees through building LLMs with private data. As these great LLMs were released and popularity grew, they realized they needed controls to manage model's sprawl, and particularly security and compliance.

backplain's AI control middleware sits between the private LLMs and the employees. It protects the models as well as providing the enterprise grade security and compliance required by public companies. And lastly, the middleware provides single operational control over the models and users.

Challenge 2

The company's private LLM adoption was good, but they faced greater adoption issues within their employee community. While investigating the adoption challenges, they found the need to assist their employees with prompts.

Cooperatively working with backplain, we are planning to develop a learning and prompt assistance model tuned to their private LLMs. These learning models are managed by, and part of backplain's control middleware, but this model is proprietary to the company and used specifically for the company's private LLMs.

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Pharmaceutical Company

Private – 200 Employees
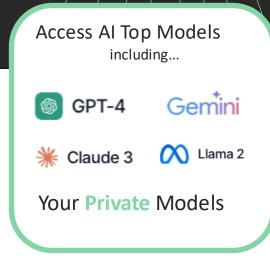
Key Outcomes

- Enable the organization to use public GAI productivity, safely, and securely
- Leverage GAI to rapidly compare and analyze clinical studies

Challenge 1

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Challenge 2

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backplain built and trained a SLM using the company's data. Leveraging backplain's AI control middleware and interface made the build quick, and more importantly allowed the company to securely control the model. Now the researchers are able to engage with private company data as well as public models, all while keeping the company data safe though a single, simple interface. The new SLM is loaded with confidential company data spanning multiple years. Researchers now drill into their clinical study data simply and safely.