



CUTTING AI AUDIO COSTS WITH A SELF-HOSTED SYSTEM

CASE STUDY



OVERVIEW

How one customer eliminated token-based voice generation costs by moving processing onto their own machines.

THE CHALLENGE

The customer was relying on ElevenLabs and Suno AI for audio generation and was spending up to 10,000,000 tokens through external services.

That created recurring usage costs and ongoing dependence on third-party platforms for a core workflow.



FIGURE 1

REVENUE BREAKDOWN

- **Product spend:** \$1800 (down 70% from last year)
- **Service revenue:** \$3000 (up 10% from last year)
- **Other income:** \$1000 (up 5% from last year)

EXPENSES

- **Labor costs:** \$7,500 (down 25% from last year)
- **Materials:** \$2,700 (down 8% from last year)
- **Research and development:** \$500 (unchanged)

THE SOLUTION

We designed and implemented a self-hosted generation system that ran directly on the customer's own machines. By moving the workflow on-premise, the customer no longer needed token-based usage for each generation request.

BUSINESS IMPACT

- Eliminated token-based generation costs for this workflow
- Created more predictable operating costs
- Increased control over infrastructure and performance
- Reduced dependence on external API-based services

KEY TAKEAWAY

Instead of paying repeatedly for every generation request, the customer gained a system they could run internally as needed using their own infrastructure.



GOALS

We believe in giving back to the community. Our employees are committed to social responsibility and have volunteered thousands of hours.



PARTNERSHIPS

This year, Future Logic Studios has donated over \$5k to various charitable organizations and participated in numerous community service projects.



GROWTH

As we move into the next year, Future Logic Studios remains focused on innovation, growth, and sustainability.

FUTURE GOALS

As Future Logic Studios looks to the future, the company remains focused on operational excellence. Key goals include further process optimization, continued technology integration, and enhanced employee engagement. With a strong operational foundation, Future Logic Studios is well-equipped to achieve its strategic objectives and drive long-term success.

“Future Logic Studios is well-equipped to achieve its strategic objectives and drive long-term successes”

Future Logic Studios aims to continuously improve its operational processes to enhance efficiency and productivity. This includes adopting advanced technological techniques, streamlining workflow management, and implementing lean methodologies. By optimizing processes, the company can reduce costs, minimize waste, and improve overall performance.

The company plans to further integrate cutting-edge technologies into its operations. This includes expanding the use of AI and machine learning to predict market trends, optimize key levels, and improve customer service. Additionally, Future Logic Studios will continue to leverage IoT devices to gather real-time data insights, enabling proactive decision-making and enhancing operational agility.

Future Logic Studios recognizes that engaged employees are crucial to achieving operational excellence. The company will continue to invest in initiatives aimed at enhancing employee satisfaction and productivity. This includes offering professional development programs, wellness initiatives, and a revamped employee recognition system. By fostering a positive work environment, Future Logic Studios can attract and retain top talent, driving long-term success.

