

## ZERO TRUST LAB CASE STUDY

### Challenges

The Advanced Technology Academic Research Center (ATARC) was formed to continue the dialogue between government, industry, and academia in response to the release of the Digital Government Strategy. ATARC faced a pressing need for an advanced self-service lab capability to effectively facilitate proofs of concept for Zero Trust solution sets. This capability needed to encompass a wide range of products from multiple vendors, ensuring seamless integration and implementation of Zero Trust solutions specifically tailored for the Federal Government. To create a realistic and controlled environment, the lab had to simulate a production setting, enabling comprehensive testing, validation, and optimization of Zero Trust solutions before deployment.

### Solution

Anantyx has successfully deployed its innovative Mission Labs solution, revolutionizing the way Zero Trust vendors operate within an AWS environment. This innovative solution empowers vendors with a convenient self-service capability, enabling them to effortlessly install and configure various Zero Trust products within the AWS infrastructure. By streamlining the process, Anantyx Mission Lab eliminates unnecessary complexities, saving valuable time and resources for the vendors.

Furthermore, the Lab solution offers comprehensive support in preparing data and addressing specific use cases that have been defined by the Federal Zero Trust Working Group. It provides a collaborative platform where vendors can access the necessary resources, tools, and documentation to effectively align their products with the stringent requirements set forth by the government. This ensures that the Zero Trust solutions implemented within the Federal sector are robust, secure, and fully compliant with the established standards.

With Anantyx Mission Lab, vendors can now navigate the Zero Trust landscape with ease, experiment with different configurations, and validate their solutions in a controlled and secure AWS environment. This self-service approach fosters innovation and accelerates the development of Zero Trust offerings, ultimately strengthening the security posture of federal agencies and advancing the overall implementation of Zero Trust principles within the government sector.

### Results

A multitude of Zero Trust vendors have successfully deployed their solutions within a secure AWS cloud environment. This environment serves as a robust platform for conducting live demonstrations of various use cases, showcasing the capabilities and effectiveness of these Zero Trust solutions in real-world scenarios.

The deployment of these solutions in a production-like cloud environment not only validates their functionality and performance but also establishes them as reliable and proven offerings. As a result, these solutions are now readily available for future demonstrations, enabling seamless integration with other Zero Trust products. This interoperability fosters collaboration among vendors, facilitating the exchange of ideas, insights, and best practices to further refine and enhance the overall Zero Trust ecosystem.

By making these solutions available for integration and collaboration, the industry is poised to unlock a wealth of possibilities and advancements in Zero Trust implementations. The collective effort of multiple vendors leads to a synergistic effect, where the combined strengths of different solutions create a more robust, comprehensive, and secure Zero Trust landscape. This collaborative approach ensures that organizations have access to a diverse range of proven solutions that can be tailored and integrated to meet their specific security requirements, bolstering the effectiveness and resilience of Zero Trust architectures across the board.