



CITY OF SAN DIEGO: My eCISO

Cyber Security Meets GenAI

OVERVIEW

Cybersecurity threats are evolving and becoming more sophisticated in today's technological climate. Many organizations in the public and private sectors are struggling to implement the necessary infrastructure to keep their data secure, and many more organizations do not have the resources to mitigate these risks. That is why the Cal Poly Digital Transformation Hub (DxHub), Amazon Web Services (AWS), the City of San Diego, the San Diego Cyber Center of Excellence (CCOE), and 11:59 have teamed up to create "My eCISO," a generative AI-based chatbot that assists organizations in improving their cyber resiliency.

CHALLENGE

Rising cyberattacks put organizations that lack the resources to protect themselves at risk, leaving them vulnerable. To bridge this gap, the City of San Diego worked with 11:59 to develop a chatbot that assesses an organization's cybersecurity posture through dynamic interviews, providing tailored recommendations to enhance security.

AMAZON WEB SERVICES

Choosing AWS for the application's migration and modernization efforts was driven by the need for a scalable, secure, and functional solution. AWS's extensive suite of services provided the flexibility and scalability required to meet the needs of the City of San Diego.

SOLUTION

Approach

The City of San Diego selected 11:59 to enhance and deploy My eCISO because of our experience developing GenAI solutions. The updates were focused mainly on scalability, security, and functionality.

Outcome

Bringing in 11:59 to help get this application over the finish line propelled the team toward achieving enhanced scalability, stronger security, and an improved customer experience. AWS ensured the application could handle growing users, safeguarded data with robust security measures, and enabled customization for a better user experience.