

CASE STUDY

AI-Powered Multi-Standard Compliance

How AI-powered audits, driven by experienced auditors, allowed Bayzat to achieve SOC 2 and ISO/IEC 27001 concurrently.



Challenge

Working with sensitive employer and employee data meant Bayzat had a high baseline security and privacy posture. To further prove trust to current and prospective customers, Bayzat looked into different compliance standards. Having a compliant app would show they are secure, and a company that takes security seriously.

“We wanted to follow the best practice and find ways to improve our security from where we are. There are a lot of clients and prospects seeking information and confidence in our security, and this will make the process shorter and easier for them to have trust in our platform, product, and the company behind that,” said Ahmed Abdelrahman, Chief Technology Officer (CTO) at Bayzat.

With this in mind, the team at Bayzat decided to complete both SOC 2 and ISO/IEC 27001. The bar was set high internally, and the team set out to achieve both standards as soon as possible.

Overview

Bayzat is an all-in-one app for HR, payroll, and employee benefits. Bayzat’s localized SaaS platform streamlines HR operations, automates payroll, simplifies expense management, and gives employees mobile-first access to benefits and workplace tools. The company continues to evolve, layering AI across key workflows to unlock real-time insights and operational efficiency.

Services

- ◆ SOC 2
- ◆ ISO/IEC 27001

Solution

With the frameworks decided on, Bayzat set out to look for an audit firm that could complete both audits. After considering firms recommended by their compliance automation platform, Drata, and asking around their network, Bayzat was introduced to Sensiba, which stood out as the preferred auditor.

“What stood out for Sensiba was their use of AI that really streamlined the process. It’s very well structured and organized, and we like that. We also liked the monthly continuous model, where we continuously have an auditor so we can easily renew every year, and we don’t have this as an event but rather as a continuous process of compliance,” said Abdelrahman.

Result

Through Sensiba’s AI-powered multi-standard approach to compliance, they were able to complete their SOC 2 Type 1 & 2 and ISO/IEC 27001 certification concurrently. “It worked amazingly. Both ISO/IEC 27001 and SOC 2 went very smoothly,” said Abdelrahman.

Initial AI review of their SOC 2 controls showed a 56% pass rate, which increased to 88% on the second iteration. Having the AI review scan controls first allowed Bayzat to understand exactly where they stood and what needed their attention. It also helped the Sensiba team direct their focus and really understand the client’s needs.

“It was phenomenal. When you see that you already have 80% of your controls passed, it speeds up the process a lot and gives you fast feedback on the areas you need to focus on,” said Abdelrahman.

The clear, straightforward requests from Sensiba meant uploading the remaining evidence and completing the final controls was “easy for us to understand. For example, if you missed adding something, it asked you to provide this evidence. It was very straightforward. We knew what we needed to do,” said Abdelrahman.

This modern approach to auditing was a delight to the Bayzat team, who had gone through painful and long audits. The AI-powered audits and multi-standard compliance meant Bayzat achieved compliance and also felt confident moving into the next stage of compliance with Sensiba.

Having completed SOC 2 Type 1 & 2 and ISO/IEC 27001 certification, Bayzat has its sights set on HIPAA, PCI-DSS, and other industry-specific standards. This will position them to continue to grow globally and improve human resources for employers and employees.



“I did an audit before, and it was a mess, painful, and very long. It was a very pleasant surprise that everything was very smooth and very organized with Sensiba. Thanks to their AI-powered audits and multi-standard approach.”

Ahmed Abdelrahman
Chief Technology Officer, Bayzat

About Sensiba

Our risk assurance professionals help you identify, analyze, and manage potential risks. We collaborate with you to enhance the value of your business with customized risk models and experienced support.

Our flexible and pragmatic approach addresses your concerns efficiently and cost-effectively with solutions tailored to your specific needs.