Boost Your Web Portal Security with Okta

sagitec

okta

About the Client

This Midwestern public pension plan was established about 30 years ago and provides retirement benefits for eligible employees. Full-time employees and authorized part-time employees who are employed in a position normally requiring 1,000 hours of work each year will be enrolled in the plan upon employment.

Problem Statement

Most pension funds use a platform to authenticate members and employers logging onto the self-service portals. Security of web portals is a primary concern for many funds, given the increase of cyberthreats in the recent past.

Each year attackers get more sophisticated in their methods of stealing data and information. Injection attacks, broken authentication, and security misconfigurations are common ways web portals can be accessed by attackers.

The existing solution that the plan was using posed a few challenges:

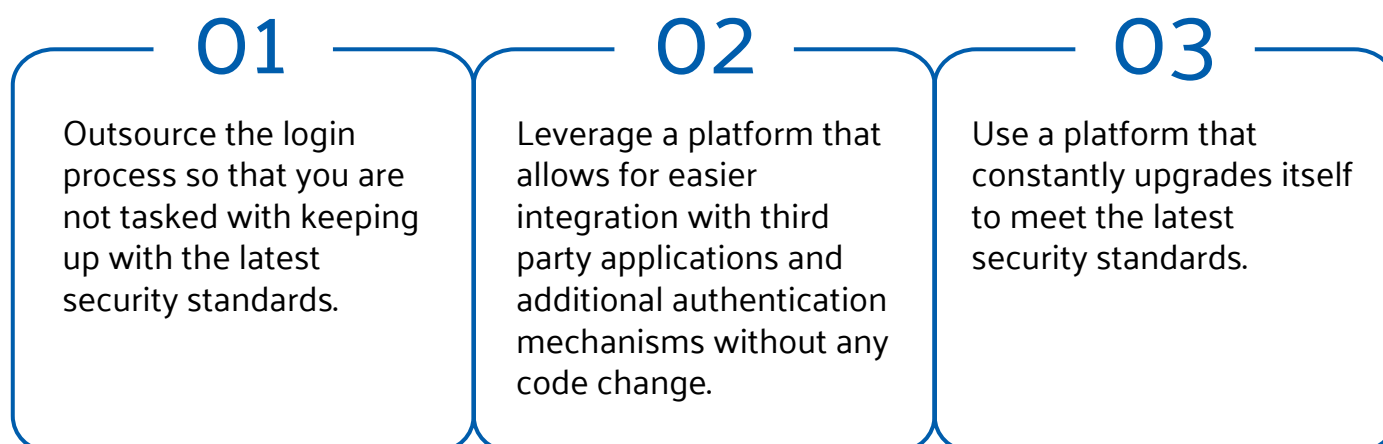|	
	Staying up to date with the latest security threats.
	Implementing new security features like Multi Factor Authentication (MFA) was a time-consuming process with the existing solution.
	The need to maintain servers for the existing solution, requiring constant upgrades, and security patches.
	The existing system couldn't guarantee whether the actual member was logging in or if someone else was impersonating.
	Lacked sufficient historical data on user activities and geo-tracking.

The agency wanted to enhance the security of their self-service portals to incorporate Multi Factor Authentication. The authentication solution they were using was already integrated into the Sagitec Line of Business (LoB) pension solution through APIs. To implement new authentication mechanisms, it would require the teams to do the following:

Need to implement new functionality in the API layer.

Address any database changes that come with this new functionality.

Change the flow of the login process.

Keeping all the layers in sync and up to date with the latest security standards would take significant time and effort.

A better approach to overcome these challenges is as follows:

01

Outsource the login process so that you are not tasked with keeping up with the latest security standards.

02

Leverage a platform that allows for easier integration with third party applications and additional authentication mechanisms without any code change.

03

Use a platform that constantly upgrades itself to meet the latest security standards.

Solution

Sagitec partnered with Okta, a trusted name in identity management and security. Okta has over **18,000** customers using their platform across the world.

Okta's platform provides a comprehensive suite of identity management tools, including multi-factor authentication, single sign-on, and user provisioning. These features work together to ensure that only authorized users can access web portals and that their personal information remains secure.

Okta, a SaaS platform, also bolsters web portal security in a seamless and easy way.

- Supports **Open ID Connect (OIDC)** protocol that allows Sagitec to outsource the login flow to Okta.

- Supports enabling additional authenticators along with **adaptive MFA** (SMS, Google Authenticator, Okta Verify with Push, etc.), with zero coding. MFA adds an extra layer of security by sending an additional verification code to the member, ensuring that the actual member is logging in.

- It is **constantly upgraded** to meet the latest security threats.

- **AI/ML** driven risk-based MFA to stay technologically modern.

- Easier integration with third party applications such as LexisNexis ThreatMetrix, and TrueID with more than **7000+ prebuilt integrations.**

- Leader in **Identity and Access Management** in the Forrester Wave and Gartner reports.

Success Metrics

Sagitec implemented Okta for the Plan to meet its objective of making their web portals more secure and make the solution nimbler. Okta is a low-code platform and cloud based, that makes it easier to implement for organizations.

Here are some benefits that Okta provides:

Okta delivers 99.99% uptime.

Provides a clearer picture of user activity and login history. This helps to review and enforce additional security measurements if needed.

On-prem servers can be eliminated with Okta, making it easier to keep software up to date and reduce effort.

The latest security features are readily available through Okta as part of their regular releases and these features can be enabled instantly using the Okta dashboard without the need for additional implementation.

Receiving notifications from Okta about security incidents helps the Sagitec security team to respond to customer queries more efficiently.

Okta is a SaaS platform, and their pay-per-usage approach is more efficient for most organizations instead of fixed licensing.

Key Highlights

At the Pension Plan, out of about **8000** logins, over **1300** were challenged with MFA.

About Sagitec

Sagitec empowers benefit administrators to rapidly solve simple-to-complex technology challenges and build enterprise-grade applications with our technology platform.

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