

# Implementing a modern design framework for insurance apps & services

When a leading insurance company needed to update their visual framework, they implemented a modern Design System that had the side benefit of helping internal teams to create prototypes and Proof of Concepts (PoCs) more easily, quickly, and inline with the latest design changes.

## BUSINESS NEED

Because the company already had numerous services and a strong brand identity in place, an established design guide and framework was already in place. However, this was a static guide that was not completely integrated.

As such, it was not widely used and often caused problems when trying to update assets. The organisation realised this was leading to inconsistencies and slow developments - problems that then impacted the final experience for their end users and customers.

Furthermore, as it was based on outdated technology, rewriting applications to fit modern standards become a long, difficult

process that wasted valuable development time. During one such rewrite, the CTO realised that newer technology was an inevitable requirement.

The best way to address this would be to start right from the initial framework, integrating the more modern features of a Design System. Doing so would not only allow for faster development, but also provide an integrated framework that designers and developers alike wanted to work with.

## PROJECT DETAILS

At the start, React was chosen as a core feature, as this library was modern, updated regularly and used JavaScript, which is a very well supported language. All of this removed the legacy issues of the old framework and ensured both old and new services became more compatible with modern technology standards.

With this new technology, it was very easy to rewrite the new framework and better integrate it across the company's services and products. All the regular components, from typography, sizing, spacing, buttons, and more - were coded into the new system in under a week. These assets were then stored in a

central repository. Not only did this act as a shared source of truth to ensure consistency, it allowed developers to recall code for each feature, rather than manually retyping it.

A changelog was also implemented, so everyone could see the latest versions and a history for each asset. Because this was implemented via recalls, making any changes in the repository automatically made the change across the company - but this could also be undone in seconds thanks to the changelog.

## BUSINESS BENEFITS

The biggest benefit to the new Design System was that it enabled internal teams to create PoCs and demo applications faster and with greater ease. Views and prototype designs that once took days or weeks can now be completed within hours.

- Changes can be quickly made and applied across projects, enabling easy testing
- Any new features or changes can be quickly rolled back, if needed
- Internal PoCs and live features can both be adapted to any official design changes
- Last minute or urgent changes are now stress free to implement
- New team members can quickly get up to speed
- Teams are no longer stressed and can focus more on creative innovation

## TECHNICAL DETAILS

### SOLUTIONS

Design System

### TECHNOLOGIES

JavaScript

### TOOLS

REACT, JQuery

### TEAM

8 x Frontend Devs

## ABOUT THE CLIENT

The Client is a British multinational insurance company whose headquarters are located in London, UK. The Client's organisation services over 30 million customers across 16 countries in Europe, Asia, and North America.

## ABOUT PGS SOFTWARE

PGS Software is one of the largest public listed custom software & services providers in Poland. As an AWS Advanced Consulting Partner, we specialise in Cloud projects – consulting, cloud-native development, application modernisation, & migration. Working according to agile methodologies (Scrum, DevOps, & Continuous Delivery), we create mobile & web applications as well as provide Business Analysis, Visual Design, UX, UI, & QA services to Clients worldwide. We have development & business entities in Poland, UK, Germany, & Spain.



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