

Digital Transformation - Legacy Modernisation Case Study

Client:

Federal Government Department

Time Frame:

December 2016 - June 2017

Area of Expertise:

Digital transformation

Responsible for:

End-to-end solution for legacy modernisation

Challenge

The Federal Government Department was undergoing a large digital transformation whilst in the midst of a major legislative change. With the existing system utilising COBOL (Common Business Orientated Language) and CICS (Customer Information Control System) web mainframe technology, it could not cater to the growing demand of the business or the modern user base. Moreover, the legislative changes to implement on the platform would take an enormous amount of time and money.

In line with the client's goals, Chrysalis decided to move the existing platform to a more scalable, customer centric & agile platform. Various options were considered and after weighing up the pros and cons, it was decided that Java would be the most suitable option.

The new system was designed utilising Java and Java Enterprise Edition, with an AngularJS to cater to the responsiveness of the user interface layer

Approach

Our consultants at Chrysalis participated in numerous user interface and user experience workshops in order to gain an understanding of the technical feasibility and business requirements of the client.

As such, we were able to implement a modern web design utilising AngularJS while providing service orientated architecture to comply with service reusability.

We then applied caching and security modules within the application and deployed automated configuration management and testing solutions.

Outcomes and Benefits

Chrysalis implemented a functional and highly responsive website, providing a significant reduction in processing time. This, in conjunction with other design factors, created a user-centric interface allowing for a better customer experience. Furthermore, we were able to achieve a much higher degree of both security and scalability.

About Chrysalis Software Solutions

Chrysalis is a digital transformation company, we support businesses in enhancing both their operations and customer experiences to encourage growth and development within the digital realm. We guide organisations in understanding relevant trends and benchmark their digital capabilities against best practices and competitors. Our consultants at Chrysalis are true hands-on strategists who delve into data, analyse objectives and reveal all opportunities.

Contact Us

Address: Suite 1220 Level 12 St Kilda Towers, 1
Queens Rd Melb VIC 3004 Australia

Email: info@chrysaliss.com

Phone: 03 9863 8139