



Transforming a Major Airline With the Rocket[®] Enterprise Suite



Why application modernization is critical

Application modernization is critical to improving customer experiences and avoiding disruption in day-to-day operations. As applications become increasingly complex, organizations pursuing migration strategies need the right tools to successfully replatform applications to various production servers, including cloud environments. Together with Rocket Software, teams can maintain focus on delivering the best experiences and take advantage of cutting-edge tools and low-code approaches.

Challenge

A major airline in Asia set out to rewrite a series of 11 different applications that were essential to their operations. This included the airline's scheduling application, responsible for when planes reach and depart the gates. Other applications involved vital operations like staff travel management and airline maintenance tracking, along with identifying when servicing was required. These applications are all mission-critical and any outage could force the airline's day-to-day business to a sudden stop.

The goal was to rewrite these legacy applications to Java[®]. But the airline knew the rewrite would become expensive quickly. Looking to avoid the impact of steep rewrite costs, the airline decided to replatform the applications instead.

Solution

Replatforming meant more work than a rewrite project, so the airline began its search for a technology partner: one capable of overcoming technical challenges, ensuring a smooth transition off the mainframe, and mitigating risks of disruption or cost overruns. The current project had run into a number of hurdles and was running up against lingering time constraints.

Rocket Software was chosen by the airline for its deep technical expertise, a key contribution to the project's successful launch. The airline was contending with challenges from its database and legacy applications, both of which Rocket Software was highly familiar with and able to provide expert support on.

The Challenge?

Faced with an expensive rewrite of mission-critical applications, the airline needed to reduce costs by replatforming its mainframe and Unisys[®] applications and workloads.

The airline leveraged Rocket Enterprise Suite solutions like Rocket® Enterprise Analyzer for application analysis and Rocket® Enterprise Server for replatforming mainframe applications. With these tools, the airline successfully pivoted from rewriting their applications to replatforming them and shutting down their mainframe entirely.

Results

- Rocket Software helped the airline modernize its applications and transition off existing mainframe systems.
- The replatforming project included migrating the organization's Unisys mainframe application because Rocket Software's expertise exceeds just traditional IBM Z® systems.
- The project was completed and moved into production within nine months.
- The airline was able to completely shut off its mainframe six months later.
- New modernization initiatives, launched by the airline, enhance operations along with the migrated application.

The Solution?

Rocket Software's technical expertise, product solutions, and familiarity with the challenges facing the airline were invaluable in executing a seamless modernization and turning the project around quickly.

Impact

Cost savings



Rocket Enterprise Suite enabled the airline to avoid a costly application rewrite and migrate off of its expensive mainframe systems.

Time efficient



Rocket Software's high level of technical expertise and knowledge enabled the airline to turn around its project in a short window of time.

Accelerate modernization



With Rocket Software, the airline not only completed this project but also pursued modernization opportunities.

Learn more and see how else Rocket Software can help fuel your modernization journey.

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