

CASE STUDY:

VERTALI ENABLES MAJOR AIRLINE TO MIGRATE ESSENTIAL DATA TO NEW MAINFRAME HARDWARE TECHNOLOGY

SUMMARY

Vertali Mainframe Storage Migration Services enabled this airline to minimize risk and benefit from the smooth migration of data to its new storage hardware.

CLIENT

This airline operates more than 3,000 flights a week from its hub, with a fleet of 250 aircraft serving 80 countries across six continents. When the company required data migration, resulting from a change in storage hardware, its IT service provider approached Vertali based on its track record in similar projects.

CHALLENGE

The requirement was for a team to work onsite providing non-disruptive DASD migration services for up to 16 weeks. With 100+ terabytes of data to migrate, Vertali selected Essential Mainframe Migration for z/OS (EMMz™) software from its partner 21CS as the migration tool. EMMz is a vendor independent z/OS-based non-disruptive data migration solution for disk storage attached to IBM Z systems.

VERTALI SOLUTION

All technical services were performed by a Vertali team onsite in the airline's home country. The project had four main stages.

Planning and Design: Vertali conducted a Design and Planning Workshop, covering key topics including: IODF change planning; volume/UCB mapping; timelines; and migration windows. This led to Vertali creating a Design and Project Plan.

Software Installation, Customization and Initial Testing: This involved Vertali installing EMMz software onto the systems programmer test LPAR, carrying out initial customization and testing, then cloning the software to the Production and Development LPARs.

- ✧ Major international airline
- ✧ De-risked mainframe data migration
- ✧ Vertali skills plus EMMz™ software
- ✧ A fast and efficient client-focused solution

IODF Changes: This saw the team build a new IODF with the new Devices/ranges and then implement changes into, and then test the Sysprog LPAR, non-production LPARs, and Production LPARs.

Trial Migration of Data to New Hardware: The final main stage was migrating the data followed by testing, and then implementation. Vertali conducted a further onsite visit to check that everything was working as intended.

OUTCOMES

Key deliverables included a detailed Project Plan that assessed client resources and assigned tasks, and including milestones throughout a defined Migration Schedule. The Vertali team and the client knew exactly what was happening at any given time, using the Design Document to deliver the specific changes, mapping and migration activities that were required.

The client's Senior IT Delivery Manager said, "We were impressed with the performance of the Vertali people and the EMMz software solution. It was amazing how quickly Vertali moved the data – it was a pleasure working with them, and we appreciated Vertali's contribution."

"Our approach de-risks the entire process," adds Mark Wilson, Technical Director, Vertali. "Our people bring deep experience in mainframe storage and we apply a proven methodology, tested in multiple projects across different hardware and software environments."



For more information on Vertali's services, call (0)1527 868380 or visit www.vertali.com